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DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Scoping and Environmental Impact Assessment for the proposed Atlantis Gas-to-Power facility on Portion 1 of Portion 4 of Cape Farm 1183, Western Cape

VERSION 2 OF MAY 2017

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APPENDIX A:

Curriculum Vitae of the Environmental Assessment Practitioner

Curriculum Vitae of Rudolph du Toit – Project Leader

Name of firm	CSIR
Name of staff	Rudolph du Toit
Profession	Environmental Assessment Practitioner
Position in firm	Project Manager
Years' experience	7 years
Nationality	South African
Biographical sketch	Rudolph du Toit holds a Masters degree in Development Planning and has 7 years' experience in leading EIAs, EMPs and SEAs in the renewable energy, oil/gas and port development sectors. He has also been involved in the development and subsequent operational implementation of Systems- and Resilience-based methodologies for improving conventional SEA practice in South Africa. Rudolph's knowledge of integrated systems thinking combined with experience in environmental management and planning provides the CSIR team with a generalist perspective on the issues and impacts likely to result from proposed developments, thereby enabling a holistic approach to addressing environmental, social and economic impacts.

EDUCATION

Undergraduate
Bachelor of Arts (BA): Environmental and Development Studies (2003-2005)
(University of Stellenbosch)

Honours
Bachelor of Philosophy (B.Phil.): Development Planning & Management (2006)
(University of Stellenbosch)

Masters
Master of Philosophy (M.Phil.): Development Planning & Management (2007-2009) (University of Stellenbosch)

ACADEMIC HONOURS

- Golden Key International Academic Honours Association invitee: 2003 to 2007
- Stellenbosch University Dean's List (Top 10% academic achievers): 2003
- Transnet Bursary: 2004
- South African National Energy Research Institute (SANERI) Bursary: 2007 & 2008

PROFESSIONAL AFFILIATIONS

International Association for Impact Assessment (IAIA): Reg. No: 2779
Association of Professional Futurists (APF): Full membership

PROJECT EXPERIENCE RECORD

The following table presents an abridged list of projects that I have been involved in, indicating my role in each project:

Environmental Impact Assessment (EIA) Experience		
Project	**Role**	**Date**
1. Basic Assessment: Bottelary Road Upgrade: Van der Merwe Venter Twenty Group and Silmore Trust	Environmental Control Officer	July 2009
2. MTN Remote Hub: Umbutho Civil & Electrical	Environmental Control Officer	July 2009
3. Basic Assessment: Hermanus (Overberg Municipality) substation upgrade & underground cable	Junior Environmental Manager and co-author	August 2009
4. Basic Assessment for the InnoWind Swellendam wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
5. Basic Assessment for the InnoWind Heidelberg wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
6. Basic Assessment for the InnoWind Albertinia wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
7. Basic Assessment for the InnoWind Mossel Bay wind energy project: Single test turbine construction	Project Manager and Lead Author	January 2010
8. EIA for InnoWind Swellendam wind energy project, Western Cape	Project Manager and Lead Author	July 2010
9. EIA for InnoWind Heidelberg wind energy project, Western Cape	Project Manager and Lead Author	July 2010
10. EIA for InnoWind Albertinia wind energy project, Western Cape	Project Manager and Lead Author	July 2010
11. EIA for InnoWind Mossel Bay wind energy project, Western Cape	Project Manager and Lead Author	July 2010
12. EIA for the Electrawinds (NL) Coega IDZ Wind Energy Project: Proposed construction of 75 MW installed capacity	Project Manager	January 2010

Environmental Impact Assessment (EIA) Experience		
Project	**Role**	**Date**
13. EIA for Glencore Exploration (UK): On-shore and off-shore exploration drilling operation; Matanda Block, Cameroon	Project Manager	November 2010
14. EIA for Noble Energy (Cameroon): Off-shore exploration drilling, Yoyo Concession and Tilapia Exploration Block, Cameroon	Management, integration and drafting of water quality section of the EIA report.	April 2011
15. EIA for the Vleesbaai Independent Power Producer (VIPP) Wind Energy Facility near Vleesbaai	Project Manager and Lead Author	August 2012 (on-going)
16. Windlab Developments South Africa (Pty) Ltd Ishwati Emoyeni 140 MW Wind Energy EIA near Murrysburg in the Western Cape	Project Manager	September 2014 (on-going)

Strategic Environmental Assessment (SEA) Experience		
Project	**Role**	**Date**
17. Strategic Environmental Assessment (SEA) for the Port of Saldanha: Transnet National Ports Authority (TNPA)	Project Manager and Lead Author	July 2012
18. City of Cape Town Far South Strategic Environmental Assessment (SEA)	Project Manager and Lead Author	June 2014 (on-going)

Specialist Study Experience		
Project	**Role**	**Date**
19. Mulilo Renewable Project Developments (Pty) Ltd Gemsbok Solar PV1 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	September 2014
20. Mulilo Renewable Project Developments (Pty) Ltd Gemsbok Solar PV2 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	September 2014
21. Mulilo Renewable Project Developments (Pty) Ltd Boven Solar PV1 75MW Solar Photovoltaic EIA in the Northern Cape	Conducting the Social Impact Assessment (SIA) as part of the suite of EIA specialist studies	September 2014

Environmental Management & Sustainability Planning Experience		
Project	**Role**	**Date**
22. Working for Water (CapeNature) alien clearing project: Uniondale Poort	Team Leader: natural resource management	January 1998
23. Working for Water (CapeNature) alien clearing project: Avontuur area	Team Leader: natural resource management	March 1999
24. Working for Water (CapeNature) alien clearing project: Prince Alfred Pass area	Team Leader: natural resource management	January 2000
25. Working for Water (CapeNature) alien clearing project: Langkloof farms	Team Leader: natural resource management	February 2001
26. Qualitative Environmental Impact Analysis related to Major Incedent: PetroSA Mossel Bay GTL refinery	Project Manager and Lead Author	October 2010
27. Maseve Platinum Sustainability Assessment, Rustenburg	Project Manager	August 2011
28. Notice of Impacts Associated with Exploration Drilling in BHP Billiton Gabon's Licensed Areas of Okondja, Akieni & Lastoursville (Gabon)	Project Manager	June 2011
29. PetroSA LNG Importation Pipeline Screening Study (Saldanha Bay to Mosselbay)	Responsible investigating and assessing planning impacts	March 2014
30. Department of Environmental Affairs (DEA) National Sustainable Development Strategy and Action Plan (NSSD) 1: Monitoring & Evaluation Report	Project manager and lead author	November 2013
31. Apollo Brick (Pty) Ltd energy efficiency and fuel switching CDM project	Investigation of possible conversation of the energy efficiency project to an accredited CDM project	January 2008
32. Mxit Lifestyle (Pty) Ltd carbon footprint audit	Carbon audit of Mxit Lifestyle (Pty) Ltd	January 2009
33. EIA for Addax Petroleum: Off-shore exploration/appraisal drilling; Ngosso Permit, Cameroon	Research team: collection of benthic macrofauna samples and bio-indicators for water quality analysis	August 2010
34. EIA for Glencore Exploration (UK): Off-shore exploration drilling, Bolongo Block, Cameroon	Research team: collection of benthic macrofauna samples and bio-indicators for water quality analysis	February 2011
35. Guest lecturer: Stellenbosch	Guest lecturer: Theory &	July 2013 (on-going)

Specialist Study Experience		
Project	**Role**	**Date**
University's Sustainability Institute (School of Public Leadership)	Practice of Sustainability Assessment	

PUBLICATIONS/CONFERENCE PROCEEDINGS

- Du Toit, R. (2009). ***Developing a Scorecard for Sustainable Transport: A Cape Town Application.*** Stellenbosch University Press

- Du Toit, R. (2012). **Wind *Energy and Public Participation: A one-sided debate?*** Proceedings of the 17th Annual Conference of the International Association for Impact Assessment South Africa: "Urban Evolution", 27 - 29 August, 2012.

- Du Toit, R. & Van der Westhuizen, C. (2013). ***Strategic Environmental Assessment (SEA) as a means of building the Green Economy in South Africa: The development of a national wind and solar energy roll-out plan.*** Proceedings of the OECD DAC SEA Task Team Workshop on SEA & Green Economy, Lusaka (Zambia), 17- 18 January 2013.

- Contributing author to: Dalal-Clayton, B. (2013) ***The Role of Strategic Environmental Assessment in Promoting a Green Economy: Background document for the OECD DAC SEA task Team workshop on SEA & Green Economy, Lusaka, 17- 18 January 2013***. IIED, London

- Burns, M., Du Toit, R. & Schreiner, G. (2013). ***Graphical Causal Loop modelling of socio-ecological systems to identify & evaluate key impact "strings"***. Proceedings of the 18th Annual Conference of the International Association for Impact Assessment South Africa: 16 - 18 September, 2013.

- Michelle Audouin, Mike Burns, Alex Weaver, David le Maitre, Patrick O'Farrell, Rudolph du Toit, Jeanne Nel. (2014) ***"Chapter 17: An Introduction to Sustainability Science and its Links to Sustainability Assessment" in Handbook of Sustainability Assessment (in press).*** Edward Elgar Publishing. (Part of Research Handbooks on Impact Assessment Series being edited by Frank Vanclay)

KEY COURSES

- Advanced Facilitation & Experiential Learning: Team Building Institute (Pty) Ltd (2001)

- Clean Development Mechanism (CDM) Project Development Training: Danish Energy Management (Pty) Ltd (2008)

- Project Management Principles & Practice: University of Pretoria (2011)

- Integrating Sustainability with Environmental Assessment in South Africa (Presented by A. Morrison –Saunders & J. Pope): North-West University (2012)

- Sharpening the Tool: New techniques and methods in Environmental Impact Assessment: Sustainable Environmental Solutions (Pty) Ltd (2015)

- Effective Skills for Challenging Meetings & Engagements: Conflict Dynamics (2015)

EMPLOYMENT RECORD

1. **Organisation:** Independent contractor for the CapeNature Working for Water Project
   Position: Team leader: Natural resource management (Alien clearing)
   Period: 1998 to 2001

2. **Organisation:** Magnetic South
   Position: Outdoor pursuit management
   Period: 2003 to 2007 (part-time during studies)

3. **Organisation:** Strategic Environmental Focus (SEF) (Pty) Ltd.
   Position: Sustainability coordinator: Environmental planning & reporting
   Period: 2008 to 2010

4. **Organisation:** Council for Scientific and Industrial Research (CSIR)
   Position: Environmental Planner
   Period: 2010 to present

LANGUAGE CAPABILITY

LANGUAGES	*Speaking*	*Reading*	*Writing*
Afrikaans	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

Curriculum Vitae of Kelly Stroebel – Project Manager

Name of firm	CSIR
Name of staff	Kelly Stroebel
Profession	Environmental Assessment Practitioner
Position in firm	Junior Environmental Assessment Practitioner
Years' experience	2 years
Nationality	South African

Biographical Sketch

Kelly holds a Bachelor of Science with Honours in Environmental Science from Rhodes University in Grahamstown. Her undergraduate degree was a Bachelor of Science with majors in Environmental Science and Zoology. She is currently working as an environmental assessment practitioner intern at the Council for Scientific and Industrial Research (CSIR). Kelly has been the Project Manager of a Basic Assessment for the development of a sugarcane farm for a rural community trust in KZN as part of the Special Needs and Skills Development [Programme. She has assisted in the SIP projects including the National Wind & Solar Strategic Environmental Assessment (SEA) and Electricity Grid Infrastructure SEA as SEA which were commissioned by the national Department of Environmental Affairs. On a personal level, Kelly enjoys the outdoors, traveling and SCUBA diving and is passionate about the field of environmental science and management.

EMPLOYMENT TRACK RECORD

The following table presents a list of projects that Kelly Stroebel has been involved in to this date:

Completion Date	Project description	Role	Client
In progress	**Special Needs and Skills Development Programme (DEA-CSIR)**	Project Manager conducting Environmental services such as basic Assessments and Environmental Screening Studies.	Various SMME's and Community Trusts
In progress	**Strategic Environmental Assessment (SEA)** for Electricity Grid Infrastructure	Project member-stakeholder engagement and project support.	National Department of Environmental Affairs
In Progress	**EIA for two proposed Desalination plants on the KZN coast.**	Project member- Public Participation Process, stakeholder engagement and project support.	Umgeni Water
August 2014	**National Strategy for Sustainable Development Review (NSSD1)**	Project member- research and report development.	National Department of Environmental Affairs
2013-2014	**Strategic Environmental Assessment (SEA)** for roll out of photovoltaic solar and wind energy in South Africa.	Project member- Stakeholder engagement and project support	National Department of Environmental Affairs

EMPLOYMENT RECORD

- **2014** Environmental Scientist and Assessment Practitioner (Intern). Council for Scientific and Industrial Research – Consulting and Analytical Services (CAS) - Stellenbosch
- **2013** Environmental Education Counselor: Fernwood Cove Summer Camp, USA.
- **2012** Graduate Assistant: Rhodes University Department of Environmental Science.
- **2011** Vacation Internship: Environmental Management Department of Mittal Steel, Newcastle.
- **2011** Vacation Internship: Northern Kwa-Zulu Natal branch of WWF.

QUALIFICATIONS/EDUCATION

- BSc Hons. Environmental Science (Rhodes University, Grahamstown, South Africa)
    - Honours modules including Environmental Impact Assessment, Statistics, Climate Change Adaptation, Urban Ecology and Environmental Water Quality.
    - Honours thesis: "Water use and conservation by households of different economic status in King Willliam's Town"
- Bachelor of Science with Distinction (Rhodes University, Grahamstown, South Africa)
    - Undergraduate courses including Environmental Science, Zoology, Ichthyology, Chemistry, Earth Science, Botany and Computer Science.
- IEB Matric Certificate, 5 Distinctions (St Dominic's Academy, Newcastle)

TRAINING, CONFERENCES AND PROFFESIONAL REGISTRATIONS

- Conflict Management Accredited through Conflict Dynamics (2015)
- Media and Science Training Accreditation through Jive Media Africa (2015)
- IAIA WC Workshop for Integrating Climate Change into EIA practice (2015)
- Presented on the DEA-CSIR "Special Needs and Skills Development Programme" at the 2014 Annual IAIA (International Association for Impact Assessment) South Africa Conference.
- Project Management accreditation through the CSIRs Innovation, Leadership and Learning Academy Project Management Course (2014)
- Attended the IAIA Air Quality Management Workshop for EAPs (2014)
- Attended the WRC's Seminar on Desalination in South Africa (2014)
- Environmental Impact Assessment Training Course accreditation through Coastal and Environmental Services, Grahamstown (2012)
- Participated in the ACCESS Student Energy Summit (2014)
- DEA&DP Training on the EIA Regulations (2014)
- Registered as a Candidate Natural Scientist with the South African Council for Natural Scientific Professions (SACNASP) (Reg #: 100151/14)
- Member of the South African Affiliate of the International Association for Impact Assessment (Membership no: 3588)

LANGUAGE CAPABILITY

LANGUAGES	*Speaking*	*Reading*	*Writing*
English	Excellent	Excellent	Excellent
Afrikaans	Moderate	Moderate	Moderate

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APPENDIX B:

Declaration of the Environmental Assessment Practitioner

I, Paul Lochner, declare that:

- I act as the independent environmental practitioner in this application;
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process;
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not;
- I will provide the competent authority any information that is provided by the EAP to interested and affected parties and any responses; by the EAP to comments or inputs made by interested or affected parties;
- the information provided in this scoping report has been sourced from relevant literature, legislation, previous studies and specialist input and is therefore believed to be correct;
- I will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 48 and is punishable in terms of section 24F of the Act.

Signed at Stellenbosch on the 29 May 2017 ***Environmental Assessment Practitioner***

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APPENDIX C:

Database of Interested and Affected Parties

Institution / Farm (Position)	Names	Postal Address	Email	Post
NATIONAL				
National Energy Regulator of South Africa (NERSA)	Mr. Thembani Bukula	P.O. Box 40343 Arcadia 0007	✓	✓
National Department of Environmental Affairs Branch: Environmental Quality and Protection	Hilda Bezuidenhout	Private Bag X447 Pretoria 0001		✓
National Department of Environmental Affairs	Salome Mambane	Private Bag X447 Pretoria 0001	✓	✓
National Department of Environmental Affairs	Lydia Kutu	Private Bag X447 Pretoria 0001	✓	✓
National Department of Environmental Affairs	Milicent Solomons	Private Bag X447 Pretoria 0001	✓	✓
National Department of Environmental Affairs	Mohammed Essop	Private Bag X 447, Pretoria, 0001	✓	✓
National Department of Environmental Affairs	Mmamohale Kabasa	Private Bag X 447, Pretoria, 0001	✓	✓
National Department of Environmental Affairs (Biodiversity)	Mrs. Wilma Lutsch	Private Bag X 447, Pretoria, 0001	✓	✓
National Department of Environmental Affairs (Air Quality)	Mrs. Deborah Ramalope	Private Bag X 447, Pretoria, 0001	✓	✓
National Department of Environmental Affairs (Climate Change)	Dr. Thulie Khumalo	Private Bag X 447, Pretoria, 0001	✓	✓
Department of Energy	Mr. Andre Otto	Private Bag X19 Arcadia 0007		✓
Department of Energy	Ms. Nnana Direro	Private Bag X19 Arcadia 0007		✓
Department of Energy	Wolsey Otto Barnard	Private Bag X96, Pretoria, 0001		✓
Department of Rural Development and Land Reform Spatial Planning	Leona Bruiners	Private Bag X9073 Cape Town 8000		✓
Department of Agriculture, Forestry & Fisheries	H.J. Buys	Private Bag x120, Gezina Pretoria, 0031		✓

Department of Agriculture, Forestry & Fisheries	Mashudu Marubini	Private Bag X138, Pretoria 0001		✓
Department of Water and Sanitation	Tocky Ngobeni	Private Bag X313, Pretoria, 0001		✓
Department of Water and Sanitation	T Rakgotho	Private Bag X313, Pretoria 0001		✓
Department of Public Works, Roads and Transport	Lydia Forssman	Private Bag X193, Pretoria 0001		✓
Department of Mineral Resources	Khayalethu Matrose	Private Bag X59, Arcadia 0007		✓
Client: GreenCape & CoCT				
City of Cape Town	Sally Chambers	P.O. Box 2815, Cape Town, 8000	✓	✓
City of Cape Town	Susan Moodell	P.O. Box 2815, Cape Town, 8000	✓	
City of Cape Town	Tania Lewis	P.O. Box 2815, Cape Town, 8000	✓	
City of Cape Town	Morne Theron	Milnerton Civic Building 87 Pienaar Street, Milnerton, 7435		
City of Cape Town	Ian Gildenhuys	Po Box 2815 Cape Town 8000		
GreenCape	Thabo Thulare	18 Roeland Street, Cape Town 8001	✓	
GreenCape- Project Manager	Mike Mulcahy	18 Roeland Street, Cape Town 8001	✓	
PROVINCIAL				
Department of Water Affairs Western Cape	Tandi Mmachaka	-	✓	
Dept of Rural Development and Land Reform – W/Cape Spatial Planning	Leona Bruiners	-	✓	
Western Cape Department of Agriculture – LandCare	Cor van der Walt	Muldersvlei Road; Head Office; Elsenburg; 7607		✓
Western Cape Roads Authority	Steve Ferreir		✓	
Western Cape Department of Environmental Affairs & Development Planning	Constance Musemburi	7th Floor, 1 Dorp Street, Cape Town 8001		✓
Western Cape Department of Environmental Affairs & Development Planning	Mische Engelbrecht	7th Floor, Utilitas Building 1 Dorp Street Cape Town 8001	✓	✓
Western Cape Tourism	The Head	Corner Burg & Shortmarket Street		✓
West Coast Regional Office: Regional Manager: Transport and Public Works	Rhowheln Roode	Private Bag X5 Ceres 7599		✓

DEADP: Pollution Management	Joy Leaner	Private Bag X9086, Cape Town, 8000		✓
DEADP: Pollution Management	Xenthia Smith	1st Floor, Property Center, 1 Dorp Street, Cape Town		✓
Department of Water and Sanitation: Western Cape	Rashid Khan	Private Bag X16, Sanlamhof, 7532		✓
Department of Agriculture: Western Cape	Mr. Andre Roux	Private Bag X1 Elsenburg 7607	✓	
Municipality & Ward Counsellors				
City of Cape Town: Municipal Manager	Achmat Ebrahim	Private Bag X9181, Cape Town, 8000	✓	✓
City of Cape Town: Environmental Resources Management Department (ERMD)	Pat Titmuss	P.O. Box 35, Milnerton, 7435		✓
City of Cape Town: Air Quality	Ozzie Oswald	P.O. Box 2815, Cape Town, 8000		✓
City of Cape Town: Ecology	Candice Haskins	Private Bag X9181, Cape Town, 8000	✓	
City of Cape Town: Environmental Resource Planning	Bongani Mnisi	Private Bag X9181, Cape Town, 8000	✓	
City of Cape Town Economic Development	Anton Groenewald	Private Bag X9181, Cape Town, 8000	✓	
City of Cape Town: Energy, Environmental and Spatial Planning	Japie Hugo	Private Bag X9181, Cape Town, 8000	✓	✓
Ward Councillor – Atlantis Industrial 32	Barbara Rass	Private Bag X9181, Cape Town, 8000	✓	✓
Ward Councillor 55	Bernadette Le Roux	Private Bag X9181, Cape Town, 8000	✓	
Ward Councillor 105	Justin Basson	Private Bag X9181, Cape Town, 8000	✓	
Ward Councillor 29	Cynthia Clayton	Private Bag X9181, Cape Town, 8000	✓	
OTHER				
Atlantis Foundries (Pty) Ltd		PO Box 1701, Dassenberg, 7359		✓
BIOTA Southern Africa	Gerda Kriel	12 Avond Street, Vredendal North, 8161		✓
CapeNature	Alana Duffell-Canham	Assegaaibosch Nature Reserve, Stellenbosch 7599		✓
Birdlife South Africa	Pam Barrett	PO Box 515, Randburg, 2125		✓
Heritage Western Cape	The Director	3rd Floor, Protea Assurance Building Green Market Square Cape Town, 8000		✓
South African Heritage Resources Agency (SAHRA)	Jenna Lavin	P.O. Box 4637, Cape Town, 8000	✓	✓
WWF – SA (Land Programme Manager)	Natasha Wilson	-	✓	

Eskom Land Development, Western Region	Justine Wyngaardt	Land Development, Eskom, PO Box 222, Brackenfell, 7561		✓
Atlantis Residents Association	McKenna S	28 Geranium Street Atlantis 7349		✓
Atlantis Civic Association	Nagan Roy	P O Box 963 7352 Reygersdal		✓
Cape Nature - Land Use Advice	Rhett Smart	Private Bag X5014 7599 Stellenbosch	✓	
Atlantis Farmers Association	Van der Merwe	P O Box 919 7349 Reygersdal		✓
Eskom	Ronald Marais	PO Box 1091, Johannesburg, 2000	✓	
Eskom Senior Superviser: Land & Rights	Henk Landman	P.O. Box 222 Brackenfell 7561	✓	
Eskom	Hannes Coetzee	P.O. Box 222 Brackenfell 7561	✓	
Eskom	Riaan Smit	P.O. Box 222 Brackenfell 7561	✓	✓
Eskom	John Geeringh	PO Box 1019, Johannesburg 2000	✓	
Eskom Energy Services Manager	Stephen Koopman	P.O. Box 356 Bloemfontein 9301	✓	
Cape Action for People and the Environment (C.A.P.E.)	Dr. Mandy Barnett	Private Bag X7 Claremont 7735	✓	
SANParks General Manager Cape Research Centre	Melodie McGeoch		✓	
Agri Wes-Cape	Cornie Swart	P.O. Box 227 Paarl 7620		✓
Endangered Wildlife Trust	Ms. Megan Diamond	Private Bag X11 Parkview 2122	✓	

Western Cape Nature Conservation Board	Chrizette Kleynhans	Private Bag X7, Belville, 7535	✓	✓
Atlantis Investment Facilitation Office (AIFO)	Stanley Visser	William Gourlay Rd Atlantis Industria, Atlantis Foundries Business Park	✓	
Globesight (Pty) Ltd	Ferdi Pieterse		✓	
Atlantic Renewable Energy Partners (Pty) Ltd	Sonia Miszczak	101, Block A, West Quay Building 7 West Quay Road, Waterfront Cape Town, 8000	✓	
Atlantic Renewable Energy Partners (Pty) Ltd	Des Brasington	101, Block A, West Quay Building 7 West Quay Road, Waterfront Cape Town, 8000	✓	
Atlantic Renewable Energy Partners (Pty) Ltd	David Peinke	101, Block A, West Quay Building 7 West Quay Road, Waterfront Cape Town, 8000	✓	
Abengoa E&C (Abeinsa) South Africa	Dominic Goncalves	101, Block A, West Quay Building	✓	
Wartsila	Wayne Glossop	-	✓	
Mulilo	Jannie Mueller	-	✓	
iKapa Energy (Pty) Ltd	Craig Morkel	-	✓	
SANRAL	Ms Marilyn Kleinhans	Private Bag X19 Bellville 7535	✓	✓
Transnet Ports Authority: Cape Town	Bongani Dilima		✓	
Mulilo	Bertus van Niekerk	PO Box 50 Cape Town International Airport South Africa 7525	✓	
Eskom	Sibulele Mdingi	Western Cape Operations Unit Eskom Road, Brackenfell, 7560		
Sasol	Esca Coetzee	33 Baker Street, Rosebank		

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APPENDIX D:

Copy of Newspaper Advertisement placed for the Release of the BID (Project Initiation Phase)

1. Newspaper Advertisement – The Cape Times (English, 8 October 2015)

NOTICE OF SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT

CSIR reference number: CSIR/CAS/EMS/ER/2015/0010/A

Project Title: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portion of Cape Farm 1183-4-1, Western Cape

Project Proposal: The City of Cape Town and GreenCape have been investigating the feasibility of developing an integrated power project within the Atlantis Special Development Zone (SDZ) on one portion of Cape Farm 1183, near Cape Town, Western Cape. The project is located in the Atlantis Industrial Area, within the City of Cape Town Metropolitan Municipality in the Western Cape Province, approximately 53 km north of Cape Town. A combined cycle gas turbine (CCGT) plant will use a cycle configuration of combustion turbines, heat recovery steam generators (HRSG), and steam turbines, to generate electricity.

Application for environmental authorisation to undertake the following listed activities in terms of the National Environmental Management Act (NEMA, Act 107 of 1998) EIA Regulations 2014 (GN No. R.984 refers):

EIA Activities:
Listing Notice 2: Activities 2, 5, 6, 15.

Note: a Basic Assessment has been previously conducted on this site and consequent Environmental Authorization granted in 2013 for several listed activities under_NEMA (Act 107 of 1998) EIA Regulations 2010 (not similarly listed as above).

CSIR has been appointed by the project applicant as the independent Environmental Assessment Practitioner to manage the EIA process and public consultation for the project. To ensure you are included on the project register as well as to raise issues and concerns for inclusion in the Draft Scoping Report, you are kindly requested to register your interest in the project and submit any comments you may have to the consultant indicated below within 30 days of this notification. Please provide your full name, full postal address, phone numbers, Email and state your area of interest and/ or concern to**: Ms Anne-Marie Taylor, CSIR, PO Box 320, Stellenbosch 7599, Phone 021 888 2661, Fax 021 888 2476, Email:** ataylor@csir.co.za

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CITY OF CAPE TOWN
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10 CLASSIFIED Thursday, October 8, 2015 CAPE TIMES

Classifieds

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011 Consecrations

MENDEL ROSALIE

The unveiling of the tombstone in memory of our beloved mother & grandmother will take place on Sunday 11 October at 10:30am at Pinelands No.2. The presence of family and friends would be appreciated.

RABINOWITZ LOUIS (LULU)

The consecration of the tombstone in loving memory of Lulu will take place on Sunday 11 October 2015 at Pinelands No. 2 cemetery at 10am. The presence of family and friends would be appreciated.

SMITH MERVYN

The consecration of the tombstone in loving memory of Mervyn Smith will take place on Sunday, 25 October 2015 at Pinelands No:2 at 11am. The presence of family and friends would be appreciated.

012 Deaths

AMOS Granville André

Passed away peacefully on 27/09/2015. Lovingly remembered by his wife, children, grandchildren and family. Funeral Service on Saturday 10/10/2015 at the New Apostolic Church, cnr Highbury Road and Allaman Street, Highbury, Kuils River at 9am.

Cremation Private

J HEYNES & SONS 24hr Ph: 021 592 2813/6 Member of N.F.D.A jheynes@mweb.co.za

ARNOLD DOUGLAS

Beloved husband of Ruth, father of Lesley and Michael, Da and grandpa to Emma, Oliver and Daniel, passed away Tuesday 29/09/2015. He will be deeply missed.

Memorial Service Church of the Good Shepherd - Protea, cnr Kirstenbosch Drive and Rhodes Drive on Thursday 15/10/2015 at 3pm.

No flowers by request.

ATSELL Iris Johanna (Fisher) 04/09/1926 - 06/10/2015

Passed away and will be sadly missed by her children, grandchildren & great- grandchildren.

A thanksgiving service will be held at Our Lady of Light Catholic Church, Hermanus, Friday @ 14h00, 09/10/2015.

Overstrand Undertakers

BARKER NORMA

To our lifelong friend Norma.

Our deepest sympathy to Murray, Melissa, Paul and extended family.

From Bert, Helen, Erik, Marie, Hans, Cal, Tom, Dalene, Mike, Rykie and the Van Vlaanderen Clan.

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012 Deaths

COETZEE NOVA RUBIDGE (NÉE AYLIFF)

Precious mother of Dene & Patty Coetzee, Andrea Brinkley & the late Lynne Bryer.

Predeceased by husband, George. Passed peacefully on 5 October 2015.

A Memorial Service celebrating the life of Nova on the farm, Riverdene, Graaff-Reinet, Saturday, October 10 at 11am.

In lieu of flowers, please consider a donation to The Door Ministry, Karoo Community Church, Reference: "Nova". Bank details: FNB Graaff- Reinet A/C 62368697636

DE BRUYN MALVERN

Service at the AGS Church, Strand Road, Eersteriver at 9am on Sat 10/10/2015. Private cremation

Alan & Robin Bourne t/a Bon Holme Funerals 021 696 9834 (o) or 021 531 8474 (a/h) Member of NFDA

DE GRAAF IRIS MAY 24/04/1934 - 05/10/2015

Passed away peacefully after a short illness bravely borne. The family is heartbroken and she will be sadly missed by her husband Bob, children Robert, Cheryl, Keith, Ingrid and Neal and their partners as well as her beloved grandchildren and great-grandchildren.

Please join the family to celebrate Iris's life at Edgemead Bowling Club, Edgemead Drive on Friday 09/10/2015 at 1:30pm.

AVBOB Member of the NFDA Avob Maitland 021 593 8553

DE VOS CLAUDELLE

I love you to the moon and back, Aunty. Love always, Scarlett xxx

DE VOS CLAUDELLE

Those we hold closest to our hearts never truly leave us. They live on in the kindness they have shared and the love they brought into our lives. Our condolences to Daryl, Justin, Joel, Chene and family. Kevin, Leo, Nicole and Eden

DE VOS CLAUDELLE

We will miss you dearly. Thank you for all your love and support. You fought your illness so bravely, a wonderful example to us all. Love you always, Kim and Shaun.

DE VOS CLAUDELLE

Our brave, courageous Claudelle left us too soon.

When someone you love becomes a memory, the memory becomes a treasure.

Be at peace. Love, Uncle Peter, Aunty and Cindy.

DE VOS CLAUDELLE

Sister and Aunt. We are saddened by your sudden passing. Our memories will forever be treasured. Lots of love, Dionne, Carlyn, Jade, Cameron and Alex.

DE VOS CLAUDELLE

Dearest Claudelle, you travelled your journey with so much dignity and courage. Left us so suddenly and so young.

Daryl, Justin, Joel and Chene treasure all those wonderful memories of your devoted wife and loving mother. Always remembered with love by Mom (Jenny), Grant and Hazel.

012 Deaths

ALEXANDER Mary

Formerly of Vasco who peacefully crossed the threshold of life to eternal life on the 29.09.15. Deeply mourned by her children, grandchildren and great-grandchildren.

Funeral Service on Sat. 10.10.15. Service at 47 Allan Road in Bishop Lavis at 8.00am. Service at St. Joseph's the Worker Bishop Lavis Anglican Church 15th Street Bishop Lavis at 9.00am. Thence to Gloria Memorial (Eden Memorial) in Ottery.

GOSLIN LORRAINE JOAN (NEE COOPER)

14th March 1943 to 30th September 2015

Beloved wife of Syd and mother of Andrew, Malcolm and Trevor, passed away tragically. Deeply mourned and sadly missed by daughters in-law Kathy, Val and Susan and grandchildren Aidan and Niamh. Memorial Service at Durbanville Catholic Church, 6 The Crescent, Durbanville on Monday 12th October at 11am.

FLORIS PHILLIP 31/08/1954 - 03/10/2015

Deeply mourned and sadly missed by his loving wife Lillian, children Steed, Hilton, Lauren, Reece and Tylo.

Service on Saturday 10/10/2015 at His People church, N1 City Goodwood at 11am. Thence to Maitland cemetery.

Family 021 633 5267

FLORIS PHILLIP

Our brother and uncle passed away peacefully on 3/10/2015.

Phil, you have left a great void in our lives and will always be cherished and loved.

Deeply mourned and sadly missed by Jeff, Gloria and family.

GOTTLIEB SAM

Our dearest special uncle Sam passed away peacefully 5th October. Will be sadly missed & lovingly remembered by Stephen, Renée Gore & family.

GOTTLIEB SAM

Dear Uncle Sam, passed away peacefully. Will be remembered with much love and affection. Michael, Carol, Laura and Dayle Wener

GOTTLIEB SAM

Our beloved father, grandfather and great grandfather passed away peacefully in his own home, 5/10/15. A true gentleman known by his family with the apt title 'Sam the Marvellous Man'. Deeply mourned by his children Roy, Pera, Adele, Colin, Philippa and Grahame. We his children, grandchildren and great grandchildren were fortunate to have a such a superb role model and friend. Funeral arrangements to follow. MHDSRIP

GOTTLIEB SAM

Funeral will be held at Pinelands No.2 on Friday 09/10/2015 at 1pm. Prayers will be held on Sunday evening at 15 Roseberry Avenue, Oranjezicht.

GOTTLIEB SAM

Our dear Uncle Sam passed away peacefully. We will miss him so much. Remembered with love.

Wilfred, Sandra, Michelle, Warren, Martinie, Mark and their families.

GRANEY JERROLD 09/01/1940 - 05/10/2015

Beloved husband, father and grandfather passed away peacefully on 05/10/2015.

We watched you suffer we saw you die But all we could do was sit close by

You went away we had to part God eased your pain and broke our hearts.

Lovingly remembered by his wife Lorraine, children Kevin & Charmaine, Glenda & Nunzio and Jeroldine, grandchildren Shaun, Chad, Clara, Enrico and Callum.

Memorial service to celebrate his life will take place at St Margaret's Anglican Church, Kommetjie Road, Fish Hoek on Saturday 10/10/2015 at 10:00.

In memory of Jerrold donations to St Luke's Hospice will be appreciated.

ISAACS ROBERT

Daddy, memories brings us closer, we are never far apart, you will never be forgotten, you are always in our hearts.

Sadly missed by Sharon, Bruce, Coby and Brady (New Zealand)

Telephone (021) 488 4888 or email cape.classifieds@inl.co.za for 24 hour service 7 days a week Visit our website: www.wegotads.co.za

ISAACS ROBERT

Passed away peacefully on 03/10/2015.

Nothing can ever take away the love a heart holds dear, Fond memories linger everyday Remembrance keeps you near.

Lovingly remembered by his wife (Ollie), children and grandchildren.

Funeral service at 9am for 9:30am on Saturday 10/10/2015 at St Cyprians Anglican church, cnr 5th Avenue and Consort Roads, Retreat.

JAMANJAH nee Bailey Beatrice Jane

Passed away peacefully on 02/10/2015. Lovingly remembered by her children, grandchildren and family. Funeral Service on Saturday 10/10/2015 at the New Apostolic Church, Harman Road Claremont at 10am.

Private Burial

J HEYNES & SONS 24hr Ph: 021 592 2813/6 Member of N.F.D.A jheynes@mweb.co.za

JOUBERT JOY

Service at the New Apostolic Church, Dun Robin, Bellville at 11am on Sat 10/10/2015. Private cremation

Alan & Robin Bourne t/a Bon Holme Funerals 021 696 9834 (o) or 021 531 8474 (a/h) Member of NFDA

LAURENT JANE (Née DREYER)

We will always love you and remember your kindness and love for us. Rest in peace, Mom. Love, Marc and Lauren.

MURRAY MAY

Passed away 4 October in Canada. She will be remembered by her Murray Family and friends in Cape Town and also the Johnson Family (Sydney, Australia).

Till we meet again

NOVICK TOLLY

We are saddened by the sudden passing of Tolly, my former business partner and friend. Condolences in this sad time to Yvonne who made him so happy. Bennie, Susan and Lesley.

OLDRIDGE Margaret Elizabeth (Betty) Nee Stoops of Kimberley

Beloved mother of Gillian and Chris (Rawsonville), Richard (UK), Graham (Australia) and widow of Rag Oldridge. Passed away peacefully on Sunday morning 04 October 2015, at Pinelands Place in her 93rd year. You were a legend Mom and we all adored you. Your memory will live on with us forever and you will be sadly missed

Celebration of life Service to be held at Pinelands Place Wednesday 14th October 2015, 10:30 Contact Email: gillian.ferraro@cktraders.co.za

PAYNE Fred

Loving husband, father and grandfather passed away peacefully 1 October 2015. He will be sadly missed and lovingly remembered by his wife Glenda, children and grandchildren. The Memorial Service will be held at The Good Shepherd Church, Rhodes Avenue, Kirstenbosch (Opp. Kirstenbosch Gardens) on Monday 12 October at 3pm.

Private Cremation

Constantiaberg Funeral Home Kenilworth 021 671 2400 Member of NFDA

POGGENPOEL EDWARD (TEDDY)

Our brother passed away suddenly after a short illness.

Will be fondly remembered by Grace, James, Ralph, Jenny, Jean and families.

Rest In Peace

LAURENT JANE (Nee Dreyer)

Passed away suddenly on 6 October 2015, sister, aunt and friend. Beautiful, kind Jane will be deeply missed.

John, Cathy, Anna, Jonathan and Harry

A celebration of her life to be held at Palmyra Room in Kelvin Grove on Friday 9 October at 3pm

SCOTT ETHEL WINIFRED (BABS) (Née CHICKEN)

13/02/1914 - 02/10/2015 (101 years old)

A very special Lady. Lovingly remembered by all the lives she touched. The wonderful mother of Betsy (B-J) and Peter.

Memorial service Monday 12/10/2015 at 11:00am, Holy Trinity Anglican Church, Main Road, Paarl

SCOTT NATALIE JOY

20 April 2000 - 23 September 2015

Our unique, beloved Natalie, tragically passed on way too soon.

Your love, beautiful smile, infectious laughter and countless precious memories will live on in our hearts for eternity.

We love you Natalie Joy Rest peacefully now

Love Your heartbroken Mom, Dad, Ryan and Dominic

ROBERTS Desmond Joseph

Passed away peacefully on 03/10/2015. Lovingly remembered by his wife Karen, children, grandchildren, family and friends. Funeral Service on Saturday 10/10/2015 at the New Apostolic Church, Northpine Drive Northpine at 9am.

Cremation Private

J HEYNES & SONS 24hr Ph: 021 592 2813/6 Member of N.F.D.A jheynes@mweb.co.za

SALIE IGSHAAN

Service at the New Apostolic Church, Rylands at 11am on Sat 10/10/2015. Private cremation

Alan & Robin Bourne t/a Bon Holme Funerals 021 696 9834 (o) or 021 531 8474 (a/h) Member of NFDA

SHAER FREDA

To a wonderful mother. An English linguist and a Scrabble fundi. A Charming Woman who bore her lot in life with fortitude like few others.

Rest in Peace Mom Gone lakini si wamesahau

Love Reuben, Alessio, Gianluca and Gisella.

SUCKLING (née Silberbauer) Mary Ethel 1922-2015

Our dearest mother, mother-in-law, gran and great-gran passed away peacefully on 1 October at the age of 93. You will always be remembered for your remarkable spirit, energy and love for life. Your legacy lives on in the lives of many. We will miss you dearly. Your loving family. Memorial details to follow

SUCKLING MARY

A former colleague and dance teacher. UCT School of Dance gives thanks for her contribution to dance in Cape Town. Our sincere condolences to family and friends. The staff, UCT School of Dance

TOMALIN JOAN (Nee Knobel)

Our dearest mother, grandmother and great-grandmother died peacefully on 3 October 2015. She was deeply loved by everyone and will be fondly remembered and mourned by her 3 children and her entire family.

Peter and Lindy, Gill and Helm, Dorothy and Guy and her grandchildren and spouses Dirk and Kathleen, John, Jenny and Evan, Paul and Justine, James and Nicole, Suzanne and Helene. Also her 9 great-grandchildren.

The funeral service will be on Wednesday 14 October 2015 at 2:30pm at Christ Church Kenilworth in Summerly Road.

VAN LILLE ANNE

Heartfelt condolences to Burt on the loss of his soulmate Anne, and caring mother to their sons, Nico and Laurie. She was forthright in her opinions on issues of principle but to her many many friends, her warm heart shone through.

Fondest love from Geoff and Sandra Yates.

WELBY-SOLOMON EDGAR

Our sincere condolences to the family and friends of the late brother Edgar Welby-Solomon who passed on to the Grand Lodge on high. Rest In Peace brother we salute you in FLT.

From Loyal Alfred Lodge

Welby-Solomon Edgar 20/03/1934 - 04/10/2015

Passed away peacefully. Will be sadly missed and lovingly remembered by his brother, sisters, children, grandchildren, great-grandchildren and their respective families.

Funeral service on Saturday 10/10/2015 at St Andrews Anglican church, Botma Road, Steenberg at 2:30pm.

Private cremation

W.S.Engledoe & Sons 021 447 7137

WILLEMSE DANIEL JOHN GEORGE

God came and stood beside your bed Took your hand and softly said "You've suffered more than you can stand. Come with ME to a better land."

In loving memory of our father and grandfather. Daughter: Marlene, Son-in-law: Andrew, Grandchildren: Christo, Keenen & Kurt

Funeral Service: Saturday 10/10/2015; Calvyn Protestant Church, Retreat; Time: 09:00

015 Memoriam/ Yahrzeit

EHRENREICH JENNIFER JUNE

Beloved wife, mother and grandmother left us ten years ago on this day. Fondly remembered by Donald and family.

SLEET ROD

We miss you everyday. Forever in our hearts and memories. Love from all of us.

Pets

073 Dogs

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120 Personal

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715 Tenders

DRAKENSTEIN MUNICIPALITY

YOU ARE HEREBY INVITED TO BID FOR THE UPGRADING OF ROADS AND STORMWATER IN GOUDA

TENDER NUMBER: CES 13/2015
DESCRIPTION: UPGRADING OF ROADS AND STORMWATER IN GOUDA: PHASE 1
CLOSING DATE: 29 OCTOBER 2015
CLOSING TIME: 10H00. Bids will be opened in the Civic Centre, 1st Floor, Berg River Boulevard, Paarl in public at 10h15.

CIDB: Tenderers must be registered with the CIDB in a CE class of construction works and have a grading designation equal to or higher than that determined in accordance with the sum tendered or a value determined in accordance with regulation 25(7A) of the Construction Industry Development Regulations, 2004. It is estimated that tenderers will need a grading designation of 5CE or higher.

INFORMATION: Obtain documentation: Drakenstein Municipality, Civil Engineering Services, 2nd Floor, c/o Market and Main Streets, PAARL

Enquiries regarding tender documentation: Mr Theo Portwig, Tel: 0218866895, Cell: 0834063310, E-mail: theo@wec-consult.co.za mailto: Larry@drakenstein.gov.za

Office hours for collection: 08h30 - 15h00 as from 8 October 2015. A non-refundable fee of R294.00 is payable to Drakenstein Municipality for collection of documents.

A compulsory clarification meeting will be held on 15 October 2015 at 10:00 at the Municipal Offices, 2nd Floor, 1 Market Street, PAARL. Bidders that fail to attend the compulsory clarification meeting will be disqualified. A representative may only represent one tenderer at this meeting. Bids may only be submitted on the bid documentation provided by the municipality and must remain valid for 120 days after bid closing.

Telegraphic, telephonic, telex, facsimile, e-mailed or late tenders will not be accepted. The lowest, only or any bid shall not necessarily be accepted and the Council reserves the right to accept any part of the bid.

TENDERS TO BE DEPOSITED IN: The tender box in the foyer of the Civic Centre, Drakenstein Municipality, Berg River Boulevard, PAARL, 7620. The tender box is open from Mondays until Thursdays from 07:45 until 17:00 and on Fridays from 07:45 until 15:45. This excludes weekends and public holidays.

NOTE: This tender will be evaluated in terms of the Preferential Procurement Regulations, 2011 that was promulgated by the Minister of Finance on 8 June 2011 in Government Gazette No 34350. Please take note of the responsiveness criteria as stipulated in the tender document.

PROCUREMENT PREFERENCE POINT SYSTEM: 90/10

The successful bidder will be required to fill in and sign a written contract form.

The following conditions to bid exist (failure to comply may result in your bid being disqualified):

1. This bid is subject to the General Conditions of contract for Construction works and special conditions of CIDB and Supply Chain Management.
2. Relevant specifications.
3. Bidders must be registered on Drakenstein Municipality's supplier database if they wish to conduct business with the municipality.
4. A valid original or certified tax clearance certificate must be handed in with bid at closing time. However no contract will be awarded to any bidder without a valid original tax clearance certificate on the date the bid is awarded.
5. Bids submitted must be in a sealed envelope clearly marked with the bid number, placed in the tender box before closing time. Failure will result in the bid being invalid.

J F METTLER
MUNICIPAL MANAGER
(10169154)

DRAKENSTEIN MUNICIPALITY

YOU ARE HEREBY INVITED TO BID FOR THE RAISING OF EXTERNAL LOANS

TENDER NUMBER: FSI 1/2016
DESCRIPTION: RAISING OF EXTERNAL LOANS

Notice is hereby given in terms of Section 46 of the MFMA (ACT no. 56 of 2003) and Section 21A of the Municipal Systems Act (Act no. 32 of 2000) of the municipality's intention to raise a loan to the value of R294,530,916 to finance the Capital Expenditure Projects as approved by Council on 20 May 2015 for the 2015/2016 financial year.

The loans tender are procured in line with the municipality's Supply Chain Management Policy and are as follows:

PARTICULARS OF LOAN	AMOUNT
3 Years	R 6,723,010
5 Years	R 6,410,000
10 Years or 15 Years	R 281,397,906
TOTAL	R 294,530,916

CLOSING DATE: 12 November 2015
CLOSING TIME: 10H00
Bids will be opened in the Civic Centre, 1st Floor, Berg River Boulevard, Paarl in public at 10h15.

INFORMATION: Obtain documentation: Office of the Department of Financial Services, 2nd floor, Berg River Boulevard, Paarl, 7646

Enquiries regarding tender documentation: Kevin Carse, Tel: 021 807 6405, E-mail: kevin.carse@drakenstein.gov.zamailto:Larry@drakenstein.gov.za

Office hours for collection: 08h30 - 15h00 as from 8 October 2015. A non-refundable fee of R294.00 is payable to Drakenstein Municipality for collection of documents.

Bids may only be submitted on the bid documentation provided by the municipality and must remain valid for 120 days after bid closing. Telegraphic, telephonic, telex, facsimile, e-mailed or late tenders will not be accepted. The lowest, only or any bid shall not necessarily be accepted and the Council reserves the right to accept any part of the bid.

TENDERS TO BE DEPOSITED IN: The tender box in the foyer of the Civic Centre, Drakenstein Municipality, Berg River Boulevard, PAARL, 7620. The tender box is open from Mondays until Thursdays from 07:45 until 17:00 and on Fridays from 07:45 until 15:45. This excludes weekends and public holidays.

NOTE: This tender will be evaluated in terms of the Preferential Procurement Regulations, 2011 that was promulgated by the Minister of Finance on 8 June 2011 in Government Gazette No 34350.

Please take note of the responsiveness criteria as stipulated in the tender document.

PROCUREMENT PREFERENCE POINT SYSTEM: 90/10
The successful bidder will be required to fill in and sign a written contract form.

The following conditions to bid exist (failure to comply may result in your bid being disqualified):

1. This bid is subject to the general conditions of contract (GCC) and special conditions for bidding;
2. Relevant terms of reference
3. Bidders must be registered on Drakenstein Municipality's supplier database if they wish to conduct business with the municipality.
4. A valid original or certified tax clearance certificate must be handed in with bid at closing time. However no contract will be awarded to any bidder without a valid original tax clearance certificate on the date the bid is awarded.
5. Bids submitted must be in a sealed envelope clearly marked with the bid number, placed in the tender box before closing time. Failure will result in the bid being invalid.

J F METTLER
MUNICIPAL MANAGER
(10169155)

Legals

705 Legals

NOTICE

It should be noted that Luthfeya Cassim & Thabisile Cylvia Dlamini intends making application to the Commissioner of CIPC, for the reinstatement of Progressive Women in Business Trading CC Registration No. 2008/254822/23. It should further be noted that any objection to the application must be filed with the Commission of CIPC within twenty one (21) days of the date of publication hereof. (10170047)

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715 Tenders

NOTICE OF SCOPING AND ENVIRONMENTAL IMPACT ASSESSMENT

CSIR reference number: CSIR/CAS/EMS/ER/2015/0010/A

Project Title: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portion of Cape Farm 1183-4-1, Western Cape

Project Proposal: The City of Cape Town and GreenCape have been investigating the feasibility of developing an integrated power project within the Atlantis Special Development Zone (SDZ) on one portion of Cape Farm 1183, near Cape Town, Western Cape. The project is located in the Atlantis Industrial Area, within the City of Cape Town Metropolitan Municipality in the Western Cape Province, approximately 53 km north of Cape Town. A combined cycle gas turbine (CCGT) plant will use a cycle configuration of combustion turbines, heat recovery steam generators (HRSG), and steam turbines, to generate electricity.

Application for environmental authorisation to undertake the following listed activities in terms of the National Environmental Management Act (NEMA, Act 107 of 1998) EIA Regulations 2014 (GN No. R.984 refers):
EIA Activities:
Listing Notice 2: Activities 2, 5, 6, 15.

Note: a Basic Assessment has been previously conducted on this site and consequent Environmental Authorization granted in 2013 for several listed activities under NEMA (Act 107 of 1998) EIA Regulations 2010 (not similarly listed as above).

CSIR has been appointed by the project applicant as the independent Environmental Assessment Practitioner to manage the EIA process and public consultation for the project. To ensure you are included on the project register as well as to raise issues and concerns for inclusion in the Draft Scoping Report, you are kindly requested to register your interest in the project and submit any comments you may have to the consultant indicated below within 30 days of this notification. Please provide your full name, full postal address, phone numbers, email and state your area of interest and / or concern to: **Ms Anne-Marie Taylor, CSIR, PO Box 320, Stellenbosch 7599, Phone 021 888 2661, Fax 021 888 2476, Email: ataylor@csir.co.za**

CSIR GreenCape City of Cape Town

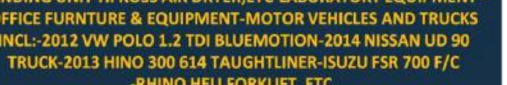
AUCTIONS

LIQUIDATION AUCTION- CHEMSPEC CAPE TOWN

CHEM SPEC PETER MASKELL AUCTIONEERS CHEM SPEC

DULY APPOINTED BY THE JOINT LIQUIDATORS OF CHEMICAL SPECIALITIES LIMITED T/A CHEMSPEC (IN LIQUIDATION)MASTER'S REF NO: D126/2015

DATE: TUESDAY 20th OCTOBER 2015
TIME: 09H30 VENUE: 11 FISHER AVENUE EPPING CAPETOWN



LIQUIDATION AUCTION PLANT EQUIPMENT INCL:-AER-O CURE SPRAY BOOTH-AIR COMPRESSORS- RUPES ELECTRONIC VACUUM SANDING UNIT-HI ROSS AIR DRYER;ETC-LABORATORY EQUIPMENT - OFFICE FURNTURE & EQUIPMENT-MOTOR VEHICLES AND TRUCKS INCL:-2012 VW POLO 1.2 TDI BLUEMOTION-2014 NISSAN UD 90 TRUCK-2013 HINO 300 614 TAUGHTLINER-ISUZU FSR 700 F/C -RHINO HELI FORKLIFT, ETC.

MIXING AND MANUFACTURING EQUIPMENT INCL:-RUPES S402E ELECTRONIC VACUUM SANDING UNIT-HI ROSS AIR DRYER-POWER AIR COMPRESSORS-AER-O CURE SPRAY BOOTHS- QTY INDUSTRIAL DEXION SHELVING-PALLET JACKS-TROLLEYS, ETC. LABORATORY EQUIPMENT INCL:-METTLER TOLEDO SCALES- LABORATORY OVEN,LABOROTORY SCALES-LADDERS,ETC OFFICE FURNITURE AND EQUIPMENT INCL:- OFFICE DESKS AND CHAIRS- BOARDROOM TABLES-STATIONARY CABINETS-SAFES, ETC.
MOTOR VEHICLES AND TRUCKS INCL:-2012 VW POLO 1.2 TDI BLUEMOTION-2006 ISUZU FSR 700 F/C C/C-2014 NISSAN UD 90 TRUCK-2013 HINO 300 614 (2.5TON) TAUGHTLINER-2010 HINO 300 915 (4TON) TRUCK-RHINO HELI FORKLIFT

VIEW DAY- MONDAY 19th OCTOBER 2015 FROM 10AM -3PM-

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FULL LISTING VISIT OUR WEBSITE www.maskell.co.za
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"ABOVE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE" "E & O e"

2. Newspaper Advertisement – Die Burger (Afrikaans, 8 October 2015)

KENNISGEWING VAN BESTEK- EN OMGEWINGSIMPAK STUDIE

CSIR verwysingsnommer: CSIR/CAS/EMS/ER/2015/0010/A

Projek Titel: Omgewingsimpak Studie (OIS) vir die voorgestelde Atlantis Gas-To-Power Projek, Deel van Cape Farm 1183-4-1, Wes-Kaap

Projek Voorstel: Die Stad Kaapstad en GreenCape het die haalbaarheid van die ontwikkeling van 'n geïntegreerde kragprojek binne die Atlantis Spesiale Ontwikkeling Sone (SDZ) op 'n gedeelte van Cape Farm 1183, naby Kaapstad, Wes-Kaap, ondersoek. Die projek is geleë in die Atlantis Industriële Area, binne die Stad van Kaapstad Metropolitaanse Munisipaliteit in die Wes-Kaap Provinsie, ongeveer 53 km noord van Kaapstad. 'n Gekombineerde siklus gasturbine (CCGT) sal 'n siklus opset van verbranding turbines, hitte herstelling stoom kragopwekkers (HRSG), en stoom turbines gebruik om elektrisiteit op te wek.

Aansoek om omgewingsmagtiging om die volgende gelyste aktiwiteite te onderneem in terme van die Wet op Nasionale Omgewingsbestuur (NEMA, Wet 107 van 1998) OIS Regulasies 2014 (GK No. R.984 verwys):

OIS Aktiwiteite:
Lyskennisgewing 2: Aktiwiteite 2, 5, 6, 15.

Let wel: 'n Basiese Bestekstudie is voorheen gedoen op hierdie terrrein en gevolglike Omgewingsmagtiging is toegestaan in 2013 vir 'n verskeie gelyste aktiwiteite onder NEMA (Wet 107 van 1998) OIS Regulasies 2010 (nie soortgelyk gelys soos hierbo aangedui nie).

Die CSIR is deur die projekaansoeker aangestel as die onafhanklike Omgewingsimpak Praktisyn om die OIS-proses en openbare deelname vir die projek te bestuur. Om te verseker dat u ingesluit is op die projekregister, asook om kwelpunte te opper vir insluiting in die Konsep Bestekstudie Verslag, word u vriendelik versoek om u belang in die projek te registreer en enige kommentaar wat u mag hê, te stuur aan die konsultant hieronder aangedui, binne 30 dae van hierdie kennisgewing. Verskaf asseblief u volle naam, volledige posadres, telefoonnommers, e-pos en dui aan wat u area van belang en / of kommer is: **Me Anne-Marie Taylor, CSIR, Posbus 320, Stellenbosch 7599, Telefoon 021 888 2661, faks 021 888 2476 , E-pos: ataylor@csir.co.za**

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STRAND, Kusweg. Luukse 2-slpk.-ws. Balkonbraaiplek. **082 579 6462.**

STRAND: W/stelle/s/s/B&B 021 853 8438 / 084 078 1343

EIENDOMME

AKKOMMODASIE OM TE DEEL 3210

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5 ruim, gemeub. kamers in studentehuis beskik vanaf 01/01/2016. Vir mediese/ingeneur studente. Groot braaikm., swembad, veilige parkering. MNET, W&E ingesl. ☎ **082 464 0829**

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KENNISGEWING

Indien voertuie nie binne 7 dae opgeëis word nie sal dit verkoop word om kostes te dek:
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Opel Tigra CFM50657
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BMW CY62822
Jeep Cherokee JKM431GP
Kontak Jaco 072 262 7231.
307452 Okt. 8-(4010)V

KENNISGEWING

Mede eienaars Mnr C. Van Zyl en Mev van der Merwe moet binne 7 dae die volgende voertuie kom afhaal:
Nissan CY312301
H100 CY314610, voertuie sal verkoop word om agterstallige stoorgeld te verhaal.
285519 Okt. 8-(4010)

KENNISGEWING

Eienaar J Damons moet Hyundai CA642247 binne 7 dae kom haal, voertuig gaan verkoop word om stoorgeld te verhaal.
285519 Okt. 8-(4010)

HERREGISTRASIES 4085

Xiphos Protection Services
HERSTEL VAN SAAK

Kennis geskied hiermee van die voorneme van die lede van XIPHOS PROTECTION SERVICES 2010/015131/07 om die beslote korporasie te herstel om weer sake te doen.
Enige beswaar hierteen moet by Posbus 606, Kuilsrivier 7579 ingedien word binne 30 dae vanaf die datum van publikasie hiervan.
306214 Okt. 8 - (4085)

VERKOOP VAN SAAK 4065

Citrus Select
KENNISGEWING VAN VERKOOP VAN BESIGHEID

Kennis geskied hiermee ingevolge Artikel 34 van die Insolvensiewet-nr. 24 van 1936, soos gewysig, dat CITRUS SELECT (EDMS.) BPK., Registrasie-nr. 2000/002887/07, 'n pakstoor bedryf te Groenkloof, Citrusdal en dat CITRUS SELECT (EDMS.) BPK., Registrasie-nr. 2000/002887/-07 gemelde Groenkloof Pakstoor verkoop en oorgedra aan GROENKLOOF EIENDOMME (EDMS.) BPK., Registrasie-nr. 2015/327380/07, welke koper die Pakstoor te Groenkloof onder sy eie naam en styl sal bedryf na afloop van 'n tydperk van 30 dae na die laaste publikasie van hierdie kennisgewing.
267674 Okt. 8, 9-(4065)V

KLL Distributors
KENNISGEWING VAN VERKOOP VAN BESIGHEID Wes-Kaap

Kennis geskied hiermee ooreenkomstig Artikel 34(1) van die Insolvensiewet-nr. 24 van 1936, soos gewysig dat KLL DISTRIBUTORS BK, Reg.-nr. 1994/027526/23 van voornemens is om te verkoop aan KLL GROUP (EDMS.) BPK., Reg.-nr. 2014/-148664/07 ("die Koper"), as deel van 'n samesmelting transaksie in terme van Artikel 44 van die Inkomstebelastingwet nr. 58 van 1962, soos gewysig, die besigheid wat deur dit onder die naam en styl van "KLL DISTRIBUTORS KAAPSTAD" (tesame met alle bates wat berband hou met sodanige besigheid), bedryf deur die Verkoper op Warblerslot 10, Montague Gardens, Kaapstad, en om sodanige besigheid aan die Koper oor te dra as 'n lopende saak op 'n datum wat nie minder as 30 dae en nie meer as 60 dae sal wees na die datum van die laaste publikasie van hierdie kennisgewing nie.
DE VRIES ING. - Prokureurs, Proteaweg 93, Chislehurston, Sandton. Tel. 011 755 6000. (Verw. F Potgieter).
265136 Okt. 8, 9-(4065)V

KENNISGEWING VAN BESTEK- EN OMGEWINGSIMPAK STUDIE

CSIR verwysingsnommer: CSIR/CAS/EMS/ER/2015/0010/A

Projek Titel: Omgewingsimpak Studie (OIS) vir die voorgestelde Atlantis Gas-To-Power Projek, Deel van Cape Farm 1183-4-1, Wes-Kaap.

Projek Voorstel: Die Stad Kaapstad en GreenCape het die haalbaarheid van die ontwikkeling van 'n geïntegreerde kragprojek binne die Atlantis Spesiale Ontwikkeling Sone (SDZ) op 'n gedeelte van Cape Farm 1183, naby Kaapstad, Wes-Kaap, ondersoek. Die projek is gelee in die Atlantis Industriële Area, binne die Stad van Kaapstad Metropolitaanse Munisipaliteit in die Wes-Kaap Provinsie, ongeveer 53 km noord van Kaapstad. 'n Gekombineerde siklus gasturbine (CCGT) sal 'n siklus opset van verbranding turbines, hitte herstelling stoom kragopwekkers (HRSG), en stoom turbines gebruik om elektrisiteit op te wek.

Aansoek om omgewingsmagtiging om die volgende gelyste aktiwiteite te onderneem in terme van die Wet op Nasionale Omgewingsbestuur (NEMA, Wet 107 van 1998) OIS Regulasies 2014 (GK No. R.984 verwys):
OIS Aktiwiteite:
Lyskennisgewing 2: Aktiwiteite 2, 5, 6, 15.

Let wel: 'n Basiese Bestekstudie is voorheen gedoen op hierdie terrrein en gevolglike Omgewingsmagtiging is toegestaan in 2013 vir 'n verskeie gelyste aktiwiteite onder NEMA (Wet 107 van 1998) OIS Regulasies 2010 (nie soortgelyk gelys soos hierbo aangedui nie).

Die CSIR is deur die projekaansoeker aangestel as die onafhanklike Omgewingsimpak Praktisyn om die OIS-proses en openbare deelname vir die projek te bestuur. Om te verseker dat u ingesluit is op die projekregister, asook om kwelpunte te opper vir insluiting in die Konsep Bestekstudie Verslag, word u vriendelik versoek om u belang in die projek te registreer en enige kommentaar wat u mag hê, te stuur aan die konsultant hieronder aangedui, binne 30 dae van hierdie kennisgewing. Verskaf asseblief u volle naam, volledige posadres, telefoonnommers, e-pos en dui aan wat u area van belang en / of kommer is: **Me Anne-Marie Taylor, CSIR, Posbus 320, Stellenbosch 7599, Telefoon 021 888 2661, faks 021 888 2476, E-pos: ataylor@csir.co.za**

CSIR our future through science | GreenCape | CITY OF CAPE TOWN ISIKEKO SASEKAPA STAD KAAPSTAD

DRAKENSTEIN MUNISIPALITEIT

U WORD HIERMEE UITGENOOI OM TE TENDER VIR DIE OPGRADERING VAN STRATE EN STORMWATER IN GOUDA

DRAKENSTEIN

TENDER NOMMER : CES 13/2015
BESKRYWING : OPGRADERING VAN STRATE EN STORMWATER IN GOUDA: FASE 1
SLUITINGSDATUM : 29 OKTOBER 2015
SLUITINGSTYD : 10H00. Tenders sal in die openbaar geopen word in die Burgersentrum, 1ste Vloer, Bergrivier Boulevard, Paarl om 10:15

CIDB: Tenderaars moet geregistreer wees by die CIDB met 'n CE klas vir konstruksie werk en moet 'n kontrakteurs gradering het gelykstaande aan- of hoër as die gradering wat in ooreenstemming met die tender bedrag bepaal word kragtens regulasie 25(7A) van die CIDB regulasies 2004. Daar word beraam dat voornemende tenderaars 'n CIDB kontrakteurs gradering van 5CE of hoër moet hê.

INLIGTING: **Dokumentasie verkrygbaar:** Drakenstein Munisipaliteit, Siviele Ingenieursdienste, 2de vloer, h/v Mark en Hoofstrate, PAARL

Navrae in verband met die tender: Mnr Theo Portwig, Tel: 0218866895, Sel: 0834063310, E-pos adres: theo@wec-consult.co.za

Kantoorure vir afhaal van tenderdokumente: 08h30 - 15h00 vanaf 8 Oktober 2015 teen 'n nie- terugbetaalbare fooi van R294.00 betaalbaar aan Drakenstein Munisipaliteit.

'n Verpligte terreinvergadering sal plaasvind op 15 Oktober 2015 om 10:00 by die Munisipale kantore, 2de Vloer, Markstraat 1, Paarl. Tenderaars wat nie die verpligte terreinvergadering bywoon nie, sal gediskwalifiseer word. 'n Verteenwoordiger mag slegs een tenderaar by hierdie vergadering verteenwoordig. Tenders mag slegs ingedien word op die tender dokumentasie soos voorsien word deur die munisipaliteit en moet geldig bly vir 'n periode van 120 dae na tendersluiting.

Telegrafiese, telefoniese, telex, faksimilee, laat tenders of tenders per e-pos sal nie aanvaar word nie. Die Raad behou die reg voor om nie noodwendig die laagste, enigste of enige tender te aanvaar nie asook enige gedeelte van enige tender.

Tenders moet geplaas word in die tenderbus in die voorportaal van die Burgersentrum, Drakenstein Munisipaliteit, Bergrivier Boulevard, PAARL, 7620. Die tenderbus is oop vanaf Maandae tot Donderdae tussen 07:45 en 17:00 en op Vrydae vanaf 07:45 tot 15:45. Naweke en publieke vakansiedae is uitgesluit.

NOTA: Hierdie tender sal ge-evalueer word in terme van die Voorkeur Verkrygingsregulasies van 2011 soos gepubliseer deur die Minister van Finansies op 8 Junie 2011 in Staatskoerant Nr 34350. Neem kennis van die antwoordende kriteria soos vervat in die tender dokument.

VOORKEUR VERKRYGINGS PUNTESTELSEL: 90/10

Daar sal van die suksesvolle tenderaar verwag word om 'n geskrewe kontrakdokument in te vul en te onderteken.

Die volgende tendervoorwaardes geld (nalating om hieraan te voldoen mag lei tot diskwalifikasie van die tender):

1. Die tender is onderhewig aan die Algemene Kontrakvoorwaardes vir Konstruksiewerke en spesiale voorwaardes van CIBD en Voorsieningskanaalbestuur.
2. Relevante spesifikasies.
3. Tenderaars moet geregistreer wees op Drakenstein Munisipaliteit se verskaffers databasis indien hulle besigheid wil doen met die munisipaliteit.
4. 'n Geldige oorspronklike of gesertifiseerde belastingklaringsertifikaat moet ingehandig word by sluiting van tender. Geen kontrak sal toegeken word sonder 'n geldige oorspronklike belastingklaringsertifikaat op die datum waarop die tender toegeken sal word nie.
5. Die tender moet ingedien word in 'n verseëlde koevert en duidelik gemerk met die tender nommer daarop en geplaas word in die tenderbus voor die sluitingstyd. Indien daar nie aan hierdie vereistes voldoen word nie sal die tender as ongeldig beskou word.

J F METTLER
MUNISIPALE BESTUURDER
Die Burger -08 Oktober 2015

RED 'N LEWE!

Dankie dat jy my lewe gered het!

Westelike Provinsie Bloedoortappingsdiens
W.P.B.T.S. 021 507 6300

DRAKENSTEIN MUNISIPALITEIT

U WORD HIERMEE UITGENOOI OM TE TENDER VIR DIE OPNEEM VAN EKSTERNE LENINGS

DRAKENSTEIN

TENDER NOMMER : FSI 1/2016
BESKRYWING : OPNEEM VAN EKSTERNE LENINGS

Kennis word hiermee gegee in terme van Seksie 46 van die MFMA (wet no. 56 van 2003) en Seksie 21A van die Munisipale Stelsel Wet (No. 32 van 2000). Dit is die Munisipaliteit se intensie om n lening aan te gaan teen R 294,530,916, om finansiering te verskaf vir Kapitaal Projekte wat op 20 Mei 2015 goedgekeur is deur die Raad vir die Finansiële jaar 2015/2016.

Die lenings tender word verkry in lyn met die Munisipaliteit se Verkrygings Beleid en is soos volg:

BESONDERHEDE VAN DIE LENING	BEDRAG
3 Jaar	R 6,723,010
5 Jaar	R 6,410,000
10 Jaar of 15 Jaar	R 281,397,906
TOTAAL	**R 294,530,916**

SLUITINGSDATUM : 12 November 2015
SLUITINGSTYD : 10H00. Tenders sal in die openbaar geopen word in die Burgersentrum, 1ste Vloer, Bergrivier Boulevard, Paarl om 10:15

INLIGTING: Dokumentasie verkrygbaar: Drakenstein Munisipaliteit, Departement Finansies, 2de vloer, Bergrivier Boulevard, Paarl, 7646

Navrae in verband met die tender: Kevin Carse, Tel: 021 807 6405, E-pos: kevin.carse@drakenstein.gov.za

Kantoorure vir afhaal van tenderdokumente: 08h30 - 15h00 vanaf 8 Oktober 2015 teen 'n nie- terugbetaalbare fooi van R294.00 betaalbaar aan Drakenstein Munisipaliteit.

Tenders mag slegs ingedien word op die tender dokumentasie soos voorsien word deur die munisipaliteit en moet geldig bly vir 'n periode van 120 dae na tendersluiting. Telegrafiese, telefoniese, telex, faksimilee, laat tenders of tenders per e-pos sal nie aanvaar word nie. Die Raad behou die reg voor om nie noodwendig die laagste, enigste of enige tender te aanvaar nie asook enige gedeelte van enige tender.

Tenders moet geplaas word in die tenderbus in die voorportaal van die Burgersentrum, Drakenstein Munisipaliteit, Bergrivier Boulevard, PAARL, 7620. Die tenderbus is oop vanaf Maandae tot Donderdae tussen 07:45 en 17:00 en op Vrydae vanaf 07:45 tot 15:45. Naweke en publieke vakansiedae is uitgesluit.

NOTA: Hierdie tender sal ge-evalueer word in terme van die Voorkeur Verkrygingsregulasies van 2011 soos gepubliseer deur die Minister van Finansies op 8 Junie 2011 in Staatskoerant Nr 34350. Neem kennis van die antwoordende kriteria soos vervat in die tender dokument.

VOORKEUR VERKRYGINGS PUNTESTELSEL: 90/10

Daar sal van die suksesvolle tenderaar verwag word om 'n geskrewe kontrakdokument in te vul en te onderteken.

Die volgende tendervoorwaardes geld (nalating om hieraan te voldoen mag lei tot diskwalifikasie van die tender):
1. Die tender is onderhewig aan die Algemene Kontrakvoorwaardes en spesiale voorwaardes.
2. Relevante spesifikasies.
3. Tenderaars moet geregistreer wees op Drakenstein Munisipaliteit se verskaffers databasis indien hulle besigheid wil doen met die munisipaliteit
4. 'n Geldige oorspronklike of gesertifiseerde belastingklaringsertifikaat moet ingehandig word by sluiting van tender. Geen kontrak sal toegeken word sonder 'n geldige oorspronklike belastingklaringsertifikaat op die datum waarop die tender toegeken sal word nie.
5. Die tender moet ingedien word in 'n verseëlde koevert en duidelik gemerk met die tender nommer daarop en geplaas word in die tenderbus voor die sluitingstyd. Indien daar nie aan hierdie vereistes voldoen word nie sal die tender as ongeldig beskou word.

J F METTLER
MUNISIPALE BESTUURDER
Die Burger -08 Oktober 2015

RED 'N LEWE!

Dankie dat jy my lewe gered het!

Westelike Provinsie Bloedoortappingsdiens
W.P.B.T.S. 021 - 507 6300

3. **Newspaper Advertisement for release of DEIR for comment – The Cape Times (22nd March 2017)**

NOTICE OF RELEASE OF DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT FOR PUBLIC COMMENT

ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED ATLANTIS GAS-TO-POWER PROJECT ON CAPE FARM 1183-4-1, WESTERN CAPE

DEA REFERENCE: 14/12/16/3/3/2/981

The City of Cape Town Municipality and GreenCape are investigating the feasibility of developing an integrated power project (gas-to-power) within the Atlantis Industrial Area on Portions 1 and 4 of Cape Farm 1183, near Cape Town, Western Cape. The project is located in the Atlantis Industrial Area, within the City of Cape Town Metropolitan Municipality in the Western Cape Province, approximately 40 km north of Cape Town. A combined cycle gas turbine (CCGT) plant will use a cycle configuration of combustion turbines, heat recovery steam generators (HRSG), and steam turbines, to generate electricity.

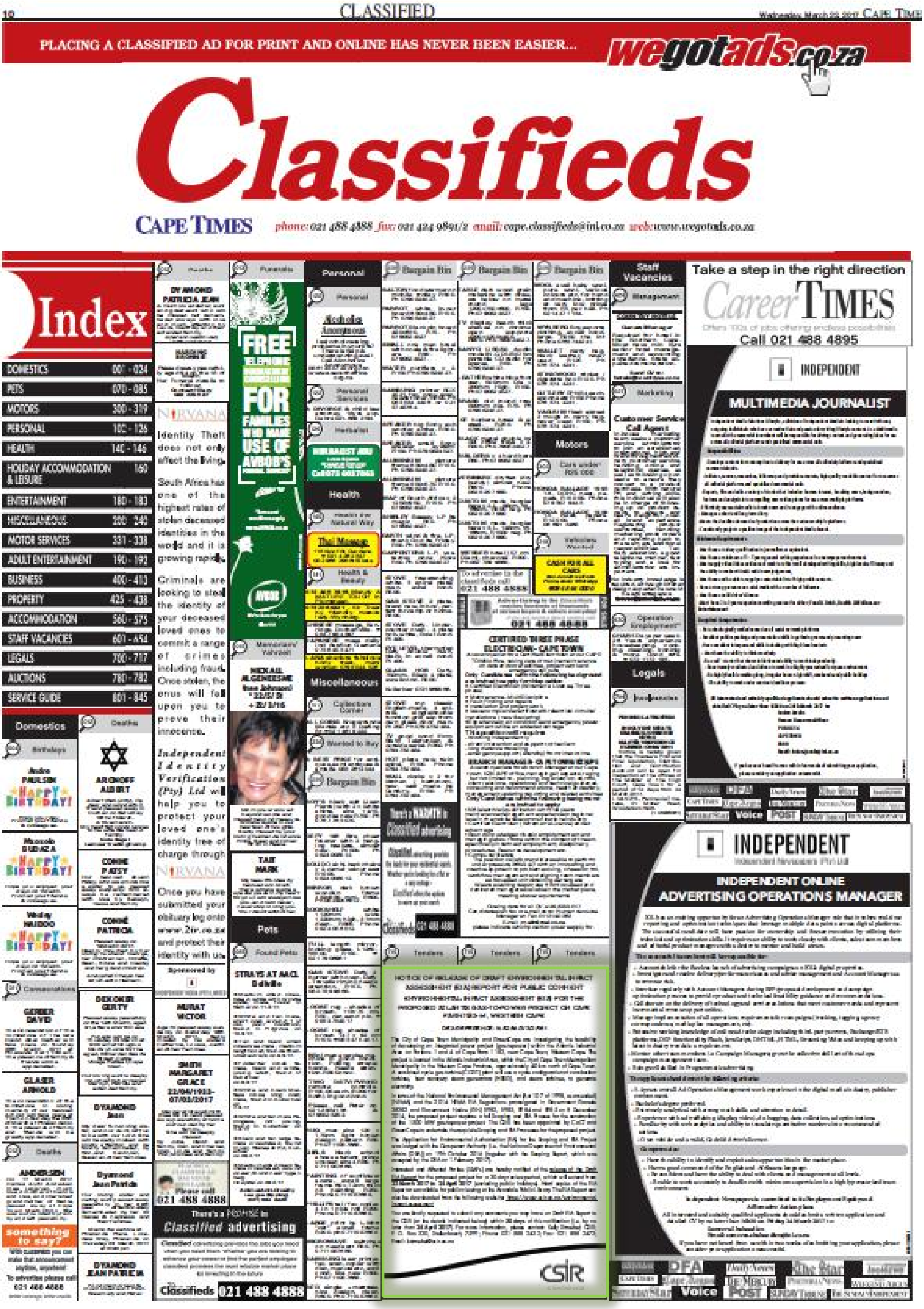
In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed project requires a full Scoping and EIA Process for the construction of the 1500 MW gas-to-power project. The CSIR has been appointed by CoCT and GreenCape to undertake the requisite Scoping and EIA Processes for the proposed project.

The Application for Environmental Authorisation (EA) for the Scoping and EIA Project was lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) on 19th October 2016 (together with the Scoping Report, which was accepted by the DEA on 1 February 2017).

Interested and Affected Parties (I&APs) are hereby notified of the release of the Draft EIA Report for the proposed project for a 30-day review period, which will extend from **22 March 2017 to 24 April 2017** (excluding public holidays). Hard copies of the EIA Report are available for public viewing at the Avondale Public Library. The EIA Report can also be downloaded from the following website: https://www.csir.co.za/environmental-impact-assessment

You are kindly requested to submit any comments you may have on Draft EIA Report to the CSIR (at the details indicated below) within **30 days** of this notification (i.e. by no later than **24 April 2017**). For more information, please contact: Kelly Stroebel; CSIR; P. O. Box 320, Stellenbosch, 7599; Phone: 021 888 2432; Fax: 021 888 2473; Email: kstroebel@csir.co.za

CSIR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NOTICE OF RELEASE OF DRAFT ENVIRONMENTAL IMPACT ASSESSMENT (EIA) REPORT FOR PUBLIC COMMENT
ENVIRONMENTAL IMPACT ASSESSMENT (EIA) FOR THE PROPOSED 20 MW TEMPORARY POWER PROJECT ON OLIVE FONTEIN 64, WESTERN CAPE
CSIR
DFA
Cape Times
Daily News
The Star
Voice
POST
Sunday Times

GreenCape

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DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Scoping and Environmental Impact Assessment for the proposed Atlantis Gas-to-Power facility on Portion 1 of Portion 4 of Cape Farm 1183, Western Cape

VERSION 2 OF MAY 2017

APPENDIX E:

Copies and Proof of Correspondence sent to I&APs

Comment and Registration Form sent with BID

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

August 2015

Name:	**Telephone:**
Organisation:	**Fax:**
ID number:	**Email:**
Physical address:	**Postal address:**

***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process		
YES		**NO**

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

Please describe any issues or concerns you think should be considered during the EIA process

Please provide details of any other individuals or organisations that should be involved:

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Background Information Document (Sent out 07/09/2015)

greencape
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CITY OF CAPE TOWN
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BACKGROUND INFORMATION DOCUMENT

for the Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Western Cape

August 2015

Prepared on behalf of:
City of Cape Town and GreenCape

Prepared by:
CSIR

CSIR
our future through science

Background Information Document (BID)

You are hereby invited to participate in the following Environmental Impact Assessment Process:

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

ABOUT THE PROJECT

The City of Cape Town and GreenCape have been investigating the feasibility of developing an integrated power project within the Atlantis Special Development Zone (SDZ) on one of two portions of Cape Farm 1183, near Cape Town. The project is referred to as the Atlantis Gas-to-power Project.

The project is located in the Atlantis Industrial Area, within the City of Cape Town Metropolitan Municipality in the Western Cape Province, approximately 53 km north of Cape Town. A combined cycle gas turbine (CCGT) plant uses a cycle configuration of combustion turbines, heat recovery steam generators (HRSG), and steam turbines, to generate electricity. The project will ultimately consist of the following components:

- A combined cycle gas turbine (CCGT) power plant, to generate electricity by burning natural gas, consisting of:
  - Combustion turbines located in power blocks and producing up to a maximum of 1500 mW
  - Heat recovery steam generators with associated chimneys
  - Electrical generator
  - Administration buildings.
- Gas pipelines for the transmission, distribution and reticulation of natural gas within the Atlantis SDZ (Not included in the scope of this EIA) and;
- Electricity transmission lines to transmit electricity into the national grid

WHY IS THIS PROJECT BEING DEVELOPED?

South Africa is an energy intensive country, largely as a result of our historic economic focus on energy intensive industries such as mining and primary metal processing. With current energy and electricity demands projected to continue increasing, new investments in electricity generation capacity are required. Future increases in electricity demand are particularly expected for the regions around the Western Cape. In terms of the New Generation Regulations, the Integrated Resource Plan (IRP) will be developed by the Department of Energy and will set out the new generation capacity requirement per technology, taking energy efficiency and the demand-side management projects into account. The introduction of private sector generation has multiple benefits and will contribute greatly to the diversification of both the supply and nature of energy production and enable the benchmarking of performance and pricing.

LNG has a significantly lower emission profile than coal fired power, in addition this green technology can provide balancing power for an increased roll out of renewable energy. If this project is successful, a key off-taker of LNG will allow a regional gas economy to develop around it, unlocking more fuel switching opportunities and a significantly lower emissions path for South Africa.

OVERVIEW OF THE ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

On 4th December 2014, new EIA Regulations were published under Chapter 5 of the National Environmental Management Act (NEMA, Act 107 of 1998). Government Notices published in terms of NEMA list activities that require either a *basic assessment or scoping and environmental assessment* (i.e. a "full EIA").

The Environmental Impact Assessment (EIA) process is used as a planning, design and decision-making tool in order to identify the biophysical, social and economic impacts (positive and negative) and consequences of the proposed project upfront in order to support more informed decision-making.

The EIA process is planned to be undertaken in five phases:

(1) Project initiation and scoping (September to October 2015)
(2) Specialist studies (October to December 2015)
(3) Preparation of the integrative Environmental Impact Report (December 2015 to February 2016)
(4) Public Comment Period on Environmental Impact Report (February 2016)
(5) Authority decision-making (approximately April 2016 to August 2016).

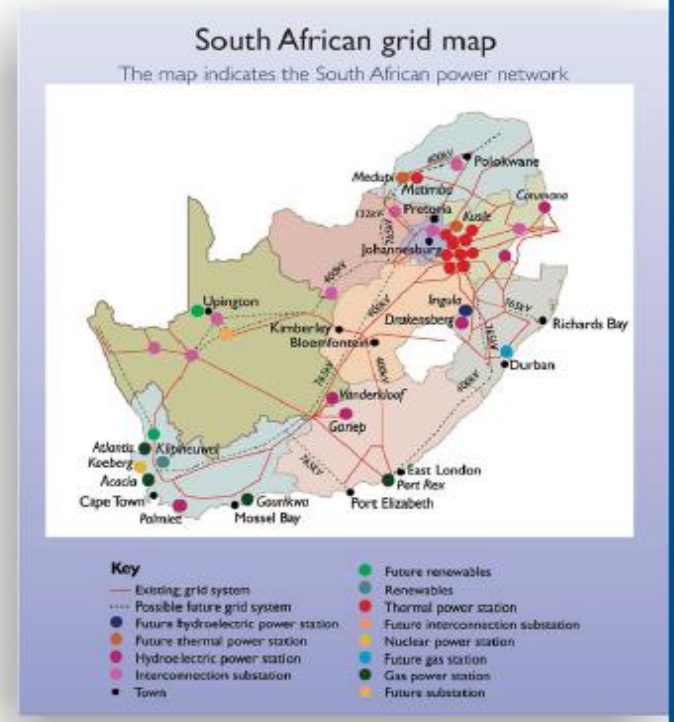
pg. 2

The following key environmental issues have been identified for further investigation:

- Impact of atmospheric emissions
- Impact of noise
- Visual impacts
- Socio-economic impacts
- Heritage impacts (e.g. archaeology)

PUBLIC PARTICIPATION PROCESS – HOW CAN YOU GET INVOLVED?

Proactive engagement with stakeholders forms a key component of the entire EIA process. The public and key stakeholders will be informed via newspaper adverts, letters and a public meeting about the proposed project at the outset of the EIA process and invited to register as stakeholders. Responses to all issues raised and comments made will be included in the reports submitted to the authorities.



What is your role as a stakeholder?

The EIA process provides you with the opportunity to:

- Attend meetings and obtain information (such as this Background Information Document) to find out more about the proposed project and the EIA process;
- Raise any issues or concerns which you may have regarding the proposed project;
- Provide us with additional information which should be taken into account in the assessment of impacts and the decision-making process;
- Comment on the EIA process and contents of the reports prior to submission of these reports to the authorities for decision-making; and
- Appeal the Record of Decision issued by the authorities should you disagree with the decision.

How can you get involved?

- By responding to our invitation for your involvement, which will be advertised in local, regional and national newspapers, and by registering as an I&AP;
- By mailing or faxing a comment form to the public participation consultant indicated below;
- By attending the public meetings which will be held during the EIA process;
- By telephonically contacting the public participation consultant if you have a query, comment, or require further project information;
- By reviewing the Draft Reports within the timeframes provided.

Should you consider yourself to be an interested and / or affected party we encourage you to ensure you are registered on the project database by providing your contact details to the participation consultants indicated below.

WHO SHOULD YOU CONTACT?

Public Process Consultant –
Mrs. Anne-Marie Taylor

PO Box 320, Stellenbosch, 7599
Phone: 021 888 2661
Fax: 021 888 2473
Email: ataylor@csir.co.za

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Background Information Document (BID)

pg. 3

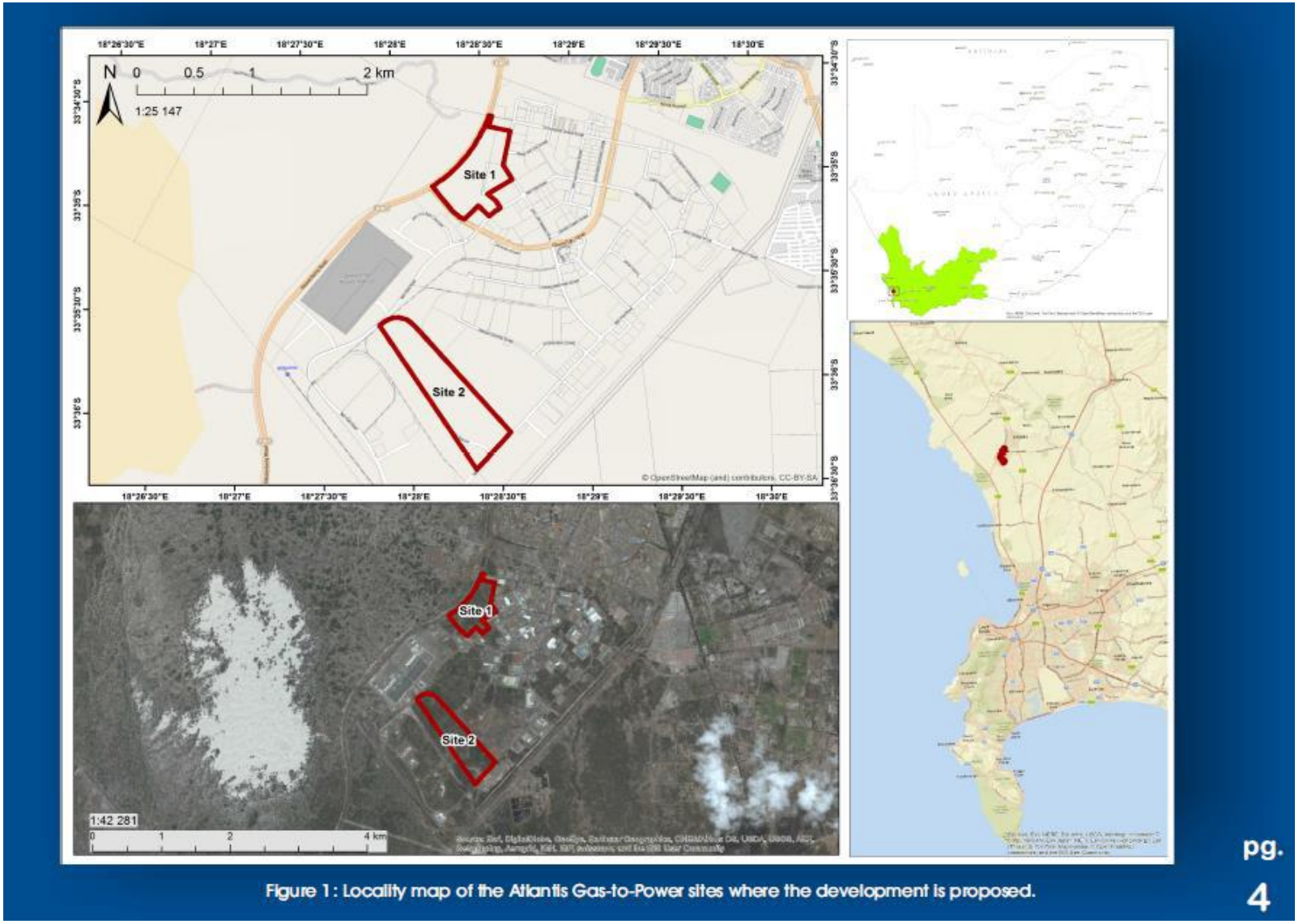

Figure 1: Locality map of the Atlantis Gas-to-Power sites where the development is proposed.

Postal List for Correspondence with I&APs (BID)

Name & Signature of person responsible for post: F. Haarhoff

34 items – **Normal Post** (Atlantis EIA- 7 September) Kelly Stroebel 021 888 2432

EMS0097 / RUN / 04100 / 0KG10

NERSA Mr. Thembani Bukula P.O. Box 40343 Arcadia 0007	National Department of Environmental Affairs Hilda Bezuidenhout Private Bag X447 Pretoria 0001	National Department of Environmental Affairs Milicent Solomons Private Bag X447 Pretoria 0001
National Department of Environmental Affairs Mohammed Essop Private Bag X447 Pretoria 0001	Department of Energy Mr. Andre Otto Private Bag X19 Arcadia 0007	Department of Energy Ms. Nnana Direro Private Bag X19 Arcadia 0007
Department of Energy Wolsey Otto Barnard Private Bag X96 Pretoria 0001	Department of Rural Development and Land Reform Leona Bruiners Private Bag X9073 Cape Town 8000	Department of Agriculture, Forestry & Fisheries H.J. Buys Private Bag x120 Gezina Pretoria, 0031
Department of Water Affairs Tocky Ngobeni Private Bag X313 Pretoria 0001	City of Cape Town Sally Chambers P.O. Box 2815 Cape Town 8000	Western Cape Department of Agriculture Cor van der Walt Muldersvlei Road Head Office Elsenburg 7607
Western Cape Department of Environmental Affairs & Development Planning Constance Musemburi 7th Floor 1 Dorp Street Cape Town, 8001	~~The Head~~ Western Cape Tourism ~~Corner Burg & Shortmarket Street~~ Private Bag X9158 Cape Town, 8000	West Coast Regional Office Rhowheln Roode Private Bag X5 Ceres 7599
DEADP Joy Leaner Private Bag X9086 Cape Town 8000	Department of Water and Sanitation Rashid Khan Private Bag X16 Sanlamhof 7532	City of Cape Town Pat Titmuss P.O. Box 35 Milnerton 7435

City of Cape Town Achmat Ebrahim Private Bag X9181 Cape Town 8000	City of Cape Town Ozzie Oswald P.O. Box 2815 Cape Town 8000	City of Cape Town Japie Hugo Private Bag X9181 Cape Town 8000
Ward Councillor Barbara Rass Private Bag X9181 Cape Town 8000	BIOTA Southern Africa Gerda Kriel 12 Avond Street Vredendal North 8161	CapeNature Alana Duffell-Canham Assegaaibosch Nature Reserve, Stellenbosch 7599
Birdlife South Africa Pam Barrett PO Box 515 Randburg 2125	Heritage Western Cape The Director 3rd Floor Protea Assurance Building Green Market Square Cape Town 8000	SAHRA Jenna Lavin P.O. Box 4637 Cape Town 8000
Eskom Land Development Justine Wyngaardt Land Development Eskom PO Box 222 Brackenfell 7561	Atlantis Residents Association McKenna S 28 Geranium Street Atlantis 7349	Atlantis Civic Association Nagan Roy P O Box 963 Reygersdal 7352
Atlantis Farmers Association Van der Merwe P O Box 919 Reygersdal 7349	Eskom Riaan Smit P.O. Box 222 Brackenfell 7561	Agri Wes-Cape Cornie Swart P.O. Box 227 Paarl 7620
SANRAL Ms Marilyn Kleinhans Private Bag X19 Bellville 7535		

Email 1 sent to all I&APs on 7 September 2015

From: Kelly Stroebel
To:
BC AndreR@elsenburg.com; Anne-Marie Taylor; Barbara.Rass@capetown.gov.za; Barnett@capeaction.org.za; Ck@wcncb.co.za; Cynthia.Clayton@capetown.gov.za; Ferdi@globesight.co.za; Hannes.coetzee@eskom.co.za; John.geeringh@eskom.co.za; Justin.Basson@capetown.gov.za; Kleinhansm@nra.co.za; LandmaHJ@eskom.co.za; MEssop@environment.gov.za; Rudolph du Toit; Sferreir@pgwc.co.za; Stanley.Visser@capetown.gov.za; Stephen.koopman@eskom.co.za; Susan.moodell@capetowm.gov.za; andre.otto@dme.gov.za; anton.groenewald@capetown.gov.za; bernadette.leroux@capetown.gov.za; bongani.dilima@transnet.net; bongani.mnisi@capetown.gov.za; candice.haskins@capetown.gov.za; city.manager@capetown.gov.za; craig.morkel@ikapa-energy.co.za; david@atlanticep.com; des@atlanticep.com; dominic.goncalves@abengoa.com; hbezuidenhout@environment.gov.za; henk.landman@eskom.co.za; info@capeaction.org.za; jannie@mulilo.com; japie.hugo@capetown.gov.za; jlavin@sahra.org.za; landuse@capenature.co.; lbruiners@ruraldevelopment.gov.za; megand@ewt.org.za; melodiem@sanparks.org; mike@greencape.co.za; mmachakat@dwa.gov.za; msolomons@environment.gov.za; nhlakad@daff.gov.za; nnana.direro@energy.gov.za; nwilson@wwf.org.za; riaan.smit@eskom.co.za; ronald.marais@eskom.co.za; sally.chambers@capetown.gov.za; sonia@atlanticep.com; tania.lewis@capetown.gov.za; thabo@greencape.co.za; thembani.bukula@nersa.org.za; wayne.glossop@wartsila.com; zama.mbanjwa@kzndard.gov.za

Date: 07/09/2015 10:32
Subject: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape

Attachments: I&AP comment form.docx; CofCT Greencape Atlantis EIA_BID_EMAIL VERSION.pdf

Dear Stakeholder,

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape

You are hereby notified and invited to participate in the above mentioned project being undertaken by the Council for Scientific and Industrial Research (CSIR) on behalf of GreenCape and the City of Cape Town, in terms of the National Environmental Management Act (No. 107 of 1998) and its amended Regulations 983, 984, and 985; as promulgated on 4 December 2014. Please find the attached Background Information Document containing a description of the project as well as an outline of the public participation process.

If you wish to participate in this process, kindly register and submit any comments via the attached registration and comments form to Ms. Anne-Marie Taylor:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Kind Regards,

Kelly Stroebel

Junior Environmental Assessment Practitioner (EAP) Cand.Sci.Nat.
CSIR Environmental Management Services (EMS) Stellenbosch
kstroebel@csir.co.za
Tel. : 021 888 243

Delivery Reports for Email (7 September 2015)

Recipients: 54 Response Pending: 44, Undelivered: 10

andre.otto@dme.gov.za Undeliverable
Transferred 07/09/2015 10:32
Undeliverable 07/09/2015 10:33
BC: andre.otto@dme.gov.za

AndreR@elsenburg.com Transferred
Transferred 07/09/2015 10:33
Delivered 07/09/2015 10:35
BC: AndreR@elsenburg.com

Anne-Marie Taylor Response Pending
Delivered 07/09/2015 10:32
BC: ATaylor@csir.co.za

anton.groenewald@capetown.gov.za Transferred
Transferred 07/09/2015 10:33
Delivered 07/09/2015 10:41
BC: anton.groenewald@capetown.gov.za

Barbara.Rass@capetown.gov.za Undeliverable
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BC: Barbara.Rass@capetown.gov.za

Barnett@capeaction.org.za Undeliverable
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Undeliverable 07/09/2015 10:35
BC: Barnett@capeaction.org.za

bernadette.leroux@capetown.gov.za Transferred
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BC: bernadette.leroux@capetown.gov.za

bongani.dilima@transnet.net Transferred
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BC: bongani.dilima@transnet.net

bongani.mnisi@capetown.gov.za Transferred
Transferred 07/09/2015 10:33
Delivered 07/09/2015 10:44
BC: bongani.mnisi@capetown.gov.za

candice.haskins@capetown.gov.za Transferred
Transferred 07/09/2015 10:33
Delivered 07/09/2015 10:44
BC: candice.haskins@capetown.gov.za

city.manager@capetown.gov.za Transferred
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Delivered 07/09/2015 10:44
BC: city.manager@capetown.gov.za

Ck@wcncb.co.za Undeliverable
Transferred 07/09/2015 10:33

Ck@wcncb.co.za	Undeliverable
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craig.morkel@ikapa-energy.co.za	Transferred
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david@atlanticep.com	Transferred
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des@atlanticep.com	Transferred
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dominic.goncalves@abengoa.com	Transferred
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Ferdi@globesight.co.za	Transferred
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henk.landman@eskom.co.za	Transferred
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info@capeaction.org.za	Transferred
Transferred	07/09/2015 10:33
Delivered	07/09/2015 10:35
BC: info@capeaction.org.za	
jannie@mulilo.com	Transferred
Transferred	07/09/2015 10:33
Delivered	07/09/2015 10:37
BC: jannie@mulilo.com	
japie.hugo@capetown.gov.za	Transferred
Transferred	07/09/2015 10:33

japie.hugo@capetown.gov.za Transferred
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Release of the Draft Scoping Report for a 30 Day review period (10 December 2015- 02 February 2016)

Letter posted to I&APs re. Release of DSR (10 December 2015)

CSIR Environmental Management Services
PO Box 320, Stellenbosch 7599, Western Cape
Tel: 021 8882 2490
Fax: 021 888 2432
Email: kstroebel@csir.co.za

our future through science

8 December 2015

Dear Stakeholder,

PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

CSIR Reference number: CSIR/CAS/EMS/ER/2015/0010/A

NOTICE OF RELEASE OF SCOPING REPORT FOR PUBLIC REVIEW

The CSIR has been appointed by *The City of Cape Town Metropolitan Municipality* to undertake the required Scoping and Environmental Impact Assessment (EIA) processes for the proposed Atlantis Gas-to-Power facility on Portion 1 of 4 of Cape Farm 1183, Western Cape.

You are invited to provide written comments on the Scoping Report and/or to register as an Interested and Affected Party (I&AP) for the abovementioned project. An I&AP Comment and Registration form is attached to this letter. The Scoping Report is available for commenting for a period of 30 days (excluding December break from 15th December 2015 to 3rd January 2016), therefore, all registration forms and/or comments should be sent to the CSIR by 2 February 2015.

Hard Copies of the Scoping Report are available at the **Avondale Public Library** (Civic Centre, Grosvenor Avenue, Avondale, 7349), on the **project website** at http://www.csir.co.za/AtlantisEIA/ or from the CSIR contact person below.

Comments and registration forms may be submitted to the following:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2490
Fax: 021 888 2432
Email: kstroebel@csir.co.za

Should you have any project related queries, please feel free to contact the undersigned CSIR contact person.

Yours sincerely,

Kelly Stroebel
Project Manager (CSIR Environmental Management Services)

Sien keersy vir afrikaans

CSIR Environmental Management Services
PO Box 320, Stellenbosch 7599, Western Cape
Tel: 021 8882 2490
Fax: 021 888 2432
Email: kstroebel@csir.co.za

our future through science

8 Desember 2015

Geagte Geïnteresseerde- en Belanghebbende Party,

OMGEWINGSIMPAK STUDIE (OIS) VIR DIE VOORGESTELDE ATLANTIS GAS-TO-POWER PROJEK, DEEL 1 EN 4 VAN CAPE FARM 1183, WES-KAAP

CSIR verwysingsnommer: CSIR/CAS/EMS/ER/2015/0010/A

VRYSTELLING VAN BESTEKOPNAME-VERSLAE VIR KOMMENTAAR

Die Wetenskaplike en Nywerheidsnavorsingsraad (WNNR) is deur *Stad Kaapstad* aangestel om die Omgewingsimpak Studie (OIS) vir die voorgestelde Atlantis Gas-To-Power Projek, Deel 1 en 4 van Cape Farm 1183, Wes-Kaap

U word hiermee uitgenooi om geskrewe kommentaar te lewer op die Bestekopname-verslae en/of om te registreer as 'n Geïnteresseerde- en Belanghebbende Party (G&BP) vir die bogenoemde projekte. Die G&BP Kommentaar- en Registrasievorm is aan die brief geheg. Die Bestekopname-verslae is beskikbaar vir 'n tydperk van 30 dae vir openbare kommentaar, dus moet all registrasievorms en/of kommentaar teen **2 Februarie 2015** aan die WNNR gestuur word.

Die Bestekopname-verslae is beskikbaar by the **Avondale Publiek Biblioteek** (Civic Centre, Grosvenor Avenue, Avondale, 7349), die projekwebtuiste by http://www.csir.co.za/AtlantisEIA/of by die WNNR kontakpersoon.

Kommentaar en Registrasievorms kan gestuur word aan:

Ms Kelly Stroebel (WNNR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2432, Faks: 021 888 2693
E-pos: kstroebel@csir.co.za

Indien u enige navrae in verband met die projekte het, kontak asseblief die onderstaande WNNR kontakpersoon.

Byvoorbaat dank,

Kelly Stroebel
Projekbestuurder (WNNR Ongewingsbestuur-dienste)

See overleaf for english

Email to I&AP's re. Release of DSR (10 December 2015)

From: Kelly Stroebel
Date: 10/12/2015 09:06
Subject: Release of Draft Scoping Report- Atlantis Gas-to-Power EIA
Bc: Dominic José Goncalves; david@atlanticep.com; des@atlanticep.com; Son...
Attachments: I&AP Letter_DSR.pdf; Comment Form.docx

Dear Stakeholder,

PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

CSIR Reference number: CSIR/CAS/EMS/ER/2015/0010/A

NOTICE OF RELEASE OF SCOPING REPORT FOR PUBLIC REVIEW

Please find attached **letter** notifying you of the release of the **Draft Scoping Report** for the above-mentioned project in terms of the National Environmental Management Act (No. 107 of 1998) and its amended Regulations 983, 984, and 985; as promulgated on 4 December 2014. You are invited to provide written comments on the Draft Scoping Report and/or to register as an Interested and Affected Party (I&AP) by submitting the attached **comments and registration form** on or before **2 February 2016** to:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2490
Fax: 021 888 2432
Email: kstroebel@csir.co.za

If you have any queries or require further information, please do not hesitating to contact me.

Kind Regards

Kelly Stroebel

Junior Environmental Assessment Practitioner (EAP)
Environmental Management Services (EMS)
CSIR Stellenbosch

_____

kstroebel@csir.co.za
Tel. : 021 888 2432

Email to I&AP's re. Release of DSR

Email recipients:

Recipients: 61

andre.otto@dme.gov.za Undeliverable

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BC: andre.otto@dme.gov.za

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BC: AndreR@elsenburg.com

anton.groenewald@capetown.gov.za Transferred

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des@atlanticep.com Transferred

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BC: des@atlanticep.com

Dominic José Goncalves Transferred

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Attachments: User: 3,**System: 3**

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Release of Draft Scoping Report of October 2016
Letter to I&APs (sent on 19th October 2016)

CSIR Environmental Management Services
PO Box 320, Stellenbosch 7599, Western Cape
Tel: 021 888 2490
Fax: 021 888 2432
Email: kstrobel@csir.co.za

19 October 2016

National Department of Environmental Affairs
Integrated Environmental Authorisations
Environment House
Private Bag X447
473 Steve Biko Road
Arcadia
Pretoria
0001

Dear Mrs. Ramalope,

RE: RE-RELEASE OF DRAFT SCOPING REPORT AND SUBMISSION OF NEW APPLICATION FOR EA FOR THE PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

The CSIR has been appointed by *The City of Cape Town Metropolitan Municipality and GreenCape* to undertake the required Scoping and Environmental Impact Assessment (EIA) processes for the proposed Atlantis Gas-to-Power facility on Portion 1 of 4 of Cape Farm 1183, Western Cape. The following has reference:

1. **Scoping Process completed for this project, subsequent appeal procedure and outcome**

An application for Environmental Authorization was submitted to the Competent Authority for this project along with a copy of the Draft Scoping Report on the 12 December 2015 and received by the Department on the 6th January 2016. Official acknowledgement of the application and DSR was received by CSIR on the 14 January 2016. The Final Scoping Report was then submitted to the Department on the 9th February 2016 and Refusal of Environmental Authorization by the Department was received by The Applicant on the 5th April 2016. CSIR lodged an appeal against this decision and the Minster reached a decision on this appeal on the 6th July 2016. CSIR was advised to re-submit an Application for Environmental Authorization and Draft Scoping Report for comment, as discussed in the pre-application meeting held on the 15th September 2016. The Application for EA was submitted to the Department on **18th October 2016**.

2. **Public Participation Process undertaken for the proposed Atlantis Gas-to-Power facility to date**

As advised by the Chief Director (IEM, DEA) on the 30TH August 2016, the Public Participation completed to date (as described below) will pertain to the new application submitted on the 18th October 2016. During the Project Initiation Phase (i.e. prior to the submission of the Application for EA), the following activities have been undertaken by the CSIR in terms of the integrated PPP:

- Site notice boards were placed at two locations in order to inform the public of the proposed projects and the commencement of the Scoping and EIA process (a copy of the notice boards and proof of placement thereof is included in Appendix D of the Scoping Report).
- Advertisements were placed in two local newspapers (Die Burger and The Cape Times) to advertise the commencement of the Scoping and EIA project. Copies of this advertisement are provided in Appendix D of the Draft Scoping Report.
- A Background Information Document inviting I&APs to participate in the project was sent to all pre-identified key stakeholders on the database (where postal and physical addresses are available), including a representative of the National DEA. The BID, dated **7 September 2015**, included a Comment and Registration Form which provided I&APs with a 30-day period to register their interest on the project database.
- The BID and Comment and Registration Form were also emailed to all I&APs and organs of state (where email addresses are available) on the pre-identified database on 7 September 2015. A copy of this email and delivery thereof is included in Appendix D of the Draft Scoping Report.
- All I&AP's who registered as part of the above process will **remain** on the I&AP database and do not need to re-register.

CSIR Environmental Management Services
PO Box 320, Stellenbosch 7599, Western Cape
Tel: 021 8882 2490
Fax: 021 888 2432
Email: kstroebel@csir.co.za

CSIR
our future through science

3. **Public review period of the Draft Scoping Report of October 2016**

You are hereby invited to provide written comments on the Draft Scoping Report (October 2016) and/or to register as an Interested and Affected Party (I&AP) for the abovementioned project **(if not registered already as part of the previous scoping process)**. The Scoping Report is available for commenting for a period of 30 days, therefore, all registration forms and/or comments should be sent to the CSIR by **17th November 2016.**

The Draft Scoping Report of October 2016 contains pertinent documents requested by DEA and these can be found in the following places in the Report:

Pertinent Document	Section in DSR
Environmental Authorization granted for CA1183-4-1 (Jan 2013)	Appendix H
DEADP comments on BID and Draft SR (2015)	Appendix G Page 35-38
Botanical Assessment and confirmation of relevance from specialist	Appendix J
Palaeontological Assessment and confirmation of relevance from specialist	Appendix K
Archaeological input and confirmation of relevance from specialist	Appendix L
Comment from Heritage Western Cape of exemption from further studies	Appendix M
Biodiversity Offset Information & comment from CapeNature	Appendix N
Ministers Decision on Appeal	Appendix O

Hard Copies of the Draft Scoping Report are available at the **Avondale Public Library** (Civic Centre, Grosvenor Avenue, Avondale, 7349), on the **project website** at http://www.csir.co.za/AtlantisEIA/ or from the CSIR contact person below.

Comments and registration forms may be submitted to the following:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2490
Fax: 021 888 2432
Email: kstroebel@csir.co.za

The Scoping Report will be finalised and submitted to the National DEA for decision-making in line with Regulation 22 of the 2014 EIA Regulations. All issues identified through the review of the Draft Scoping Report (October 2016) and the Draft Scoping Report (December 2016) will be captured in an updated Final Scoping Report.

Should you have any project related queries, please feel free to contact the undersigned CSIR contact person.

Yours sincerely,

Lochner

_____

Paul Lochner
Environmental Assessment Practitioner
CSIR Environmental Management Services

Email to I&APs for the release of the DSR October 2016 sent to I&APs (19th October 2016)

From: Kelly Stroebel
To:
BC thembani.bukula@nersa.org.za; hbezuidenhout@environment.gov.za; Smambane@environment.gov.za; lkutu@environment.gov.za; msolomons@environment.gov.za; MEssop@environment.gov.za; mkabasa@environment.gov.za; Wlutsch@environment.gov.za; DRamalope@environment.gov.za; TKhumalo@environment.gov.za ; andre.otto@dme.gov.za; nnana.direro@energy.gov.za; lbruiners@ruraldevelopment.gov.za; nhlakad@daff.gov.za; Sally.chambers@capetown.gov.za; Susan.moodell@capetowm.gov.za; Tania.lewis@capetown.gov.za; morne.theron@capetown.gov.za; Ian.Gildenhuys@capetown.gov.za; thabo@greencape.co.za; mike@greencape.co.za; mmachakat@dwa.gov.za; lbruiners@ruraldevelopment.gov.za; Sferreir@pgwc.co.za; Mische.engelbrecht@westerncape.gov.za; Xenthia.Smith@pgwc.gov.za; AndreR@elsenburg.com; city.manager@capetown.gov.za; candice.haskins@capetown.gov.za; bongani.mnisi@capetown.gov.za; anton.groenewald@capetown.gov.za; japie.hugo@capetown.gov.za; Barbara.Rass@capetown.gov.za; bernadette.leroux@capetown.gov.za; Justin.Basson@capetown.gov.za; Cynthia.Clayton@capetown.gov.za; jlavin@sahra.org.za; nwilson@wwf.org.za; rsmart@capenature.co.za; ronald.marais@eskom.co.za; maraisr@eskom.co.za; LandmaHJ@eskom.co.za; henk.landman@eskom.co.za; Hannes.coetzee@eskom.co.za; coetzeeh@eskom.co.za; Riaan.smit@eskom.co.za; smitr@eskom.co.za; John.geeringh@eskom.co.za; Stephen.koopman@eskom.co.za; Koopmans@eskom.co.za; Barnett@capeaction.org.za; info@capeaction.org.za; melodiem@sanparks.org; carl@awk.co.za; megand@ewt.org.za; Ck@wcncb.co.za; Stanley.Visser@capetown.gov.za; Ferdi@globesight.co.za; sonia@atlanticep.com; des@atlanticep.com; david@atlanticep.com; dominic.goncalves@abengoa.com; wayne.glossop@wartsila.com; jannie@mulilo.com; craig.morkel@ikapa-energy.co.za; Kleinhansm@nra.co.za; bongani.dilima@transnet.net; bertus@mulilo.com; MdingiS@eskom.co.za; esca.coetzee@sasol.com; Rudolph du Toit; andre.human@capetown.gov.za
Date: 19/10/2016 10:21
Subject: RE-SUBMISSION OF APPLICATION AND COMMENT PERIOD ON DSR: ATLANTIS GAS-TO-POWER EIA
Attachments: Atlantis DSR release letter Oct 2016.pdf; Comment Form.docx

Dear Stakeholder,

RE: PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

NOTICE OF RELEASE OF DRAFT SCOPING REPORT FOR PUBLIC REVIEW AND RE-SUBMISSION OF APPLICATION FOR EA

Please find attached **letter** notifying you of the release of the **Draft Scoping Report (October 2016)** for the above-mentioned project in terms of the National Environmental Management Act (No. 107 of 1998) and its amended Regulations 983, 984, and 985; as promulgated on 4 December 2014. You are invited to provide written comments on the Draft Scoping Report and/or to register as an Interested and Affected Party (I&AP) by submitting the attached **comments and registration form** on or before **17th November 2016** to:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2432
Fax: 021 888 2473
Email: kstroebel@csir.co.za

Hard Copies of the Draft Scoping Report are available at the Avondale Public Library (Civic Centre, Grosvenor Avenue, Avondale, 7349) and on the project website at:
http://www.csir.co.za/AtlantisEIA/

Please find information in the letter attached regarding the outcome of the **appeal procedure** for this project and the way forward. Please also note that if you have registered for this project as part of the 2015 process, you do not need to re-register. In addition, any comments received on the Draft Scoping Report of December 2015 have been included and considered in this Draft Scoping Report of October 2016.

If you have any queries or require further information, please do not hesitating to contact me.

Kind Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

Proof of delivery of email (19th October 2016)

Recipients: 71 Acknowledged: 1, Response Pending: 52, Undelivered: 18

andre.human@capetown.gov.za Transferred

Transferred 19/10/2016 10:21
BC: andre.human@capetown.gov.za

andre.otto@dme.gov.za Undelivered 421 service unavailable
BC: andre.otto@dme.gov.za

AndreR@elsenburg.com Transferred

Transferred 19/10/2016 10:21
BC: AndreR@elsenburg.com

anton.groenewald@capetown.gov.za Transferred

Transferred 19/10/2016 10:21
BC: anton.groenewald@capetown.gov.za

Barbara.Rass@capetown.gov.za Transferred

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BC: Barbara.Rass@capetown.gov.za

Barnett@capeaction.org.za Undelivered 421 service unavailable

bernadette.leroux@capetown.gov.za Transferred

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BC: bernadette.leroux@capetown.gov.za

bertus@mulilo.com Transferred

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BC: bertus@mulilo.com

bongani.dilima@transnet.net Transfer Delayed

Transfer Delayed 19/10/2016 10:21
Transferred 19/10/2016 10:41
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bongani.mnisi@capetown.gov.za Transferred

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candice.haskins@capetown.gov.za Transferred

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BC: candice.haskins@capetown.gov.za

carl@awk.co.za Transferred

Transferred 19/10/2016 10:22
BC: carl@awk.co.za

city.manager@capetown.gov.za Transferred

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Ck@wcncb.co.za Undelivered 550 5.1.1 <Ck@wcncb.co.za>: Recipient address rejected: User unknown

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BC: Ck@wcncb.co.za

coetzeeh@eskom.co.za Undelivered 550 Invalid recipient <coetzeeh@eskom.co.za> (#5.1.1)

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craig.morkel@ikapa-energy.co.za Transferred

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BC: craig.morkel@ikapa-energy.co.za

Cynthia.Clayton@capetown.gov.za Transferred

Transferred	19/10/2016 10:21

BC: Cynthia.Clayton@capetown.gov.za

david@atlanticep.com Transferred

Transferred	19/10/2016 10:21

BC: david@atlanticep.com

des@atlanticep.com Transferred

Transferred	19/10/2016 10:21

BC: des@atlanticep.com

dominic.goncalves@abengoa.com Transferred

Transferred	19/10/2016 10:21

BC: dominic.goncalves@abengoa.com

DRamalope@environment.gov.za Transferred

Transferred	19/10/2016 10:21

BC: DRamalope@environment.gov.za

esca.coetzee@sasol.com Transfer Delayed

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Transferred	19/10/2016 10:42

BC: esca.coetzee@sasol.com

Ferdi@globesight.co.za Transferred

Transferred	19/10/2016 10:21

BC: Ferdi@globesight.co.za

Hannes.coetzee@eskom.co.za Undelivered 550 Invalid recipient <Hannes.coetzee@eskom.co.za> (#5.1.1)

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hbezuidenhout@environment.gov.za Transferred

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BC: hbezuidenhout@environment.gov.za

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henk.landman@eskom.co.za Undelivered 550 Invalid recipient <henk.landman@eskom.co.za> (#5.1.1)

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Ian.Gildenhuys@capetown.gov.za Transferred

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BC: Ian.Gildenhuys@capetown.gov.za

info@capeaction.org.za Undelivered 421 Service not available, closing transmission channel

23/10/2016 10:23
Undeliverable 23/10/2016 10:23 421 Service not available, closing transmission channel
BC: info@capeaction.org.za

jannie@mulilo.com Transferred

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BC: jannie@mulilo.com

japie.hugo@capetown.gov.za Transferred

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jlavin@sahra.org.za Transferred

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BC: jlavin@sahra.org.za

John.geeringh@eskom.co.za Transferred

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BC: John.geeringh@eskom.co.za

Justin.Basson@capetown.gov.za Transferred

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BC: Justin.Basson@capetown.gov.za

Kleinhansm@nra.co.za Transferred

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BC: Kleinhansm@nra.co.za

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LandmaHJ@eskom.co.za Undelivered 550 Invalid recipient <LandmaHJ@eskom.co.za> (#5.1.1)

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lkutu@environment.gov.za Transferred

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BC: lkutu@environment.gov.za

maraisr@eskom.co.za Transferred

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MdingiS@eskom.co.za Transferred

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BC: MdingiS@eskom.co.za

megand@ewt.org.za Transferred

Transferred	19/10/2016 10:21

BC: megand@ewt.org.za

melodiem@sanparks.org	Undelivered	550 Invalid Recipient - https://community.mimecast.com/docs/DOC-1369#550

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	19/10/2016 10:41	
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BC: melodiem@sanparks.org

MEssop@environment.gov.za Transferred

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BC: MEssop@environment.gov.za

mike@greencape.co.za Transferred

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BC: mike@greencape.co.za

Mische.engelbrecht@westerncape.gov.za Transferred

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nwilson@wwf.org.za Transfer Delayed

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BC: nwilson@wwf.org.za

Riaan.smit@eskom.co.za Transferred

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ronald.marais@eskom.co.za Transferred

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rsmart@capenature.co.za Transfer Delayed

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BC: rsmart@capenature.co.za

Rudolph du Toit Emptied

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Read 21/10/2016 08:45
Emptied 19/11/2016 00:00
BC: RduToit@csir.co.za

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BC: Sally.chambers@capetown.gov.za

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421 service unavailable
BC: Sferreir@pgwc.co.za

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smitr@eskom.co.za Transferred

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smitr@eskom.co.za Transferred
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sonia@atlanticep.com Transferred
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BC: sonia@atlanticep.com
Stanley.Visser@capetown.gov.za Transferred
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Stephen.koopman@eskom.co.za Undelivered 550 (#5.1.1)
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BC: Stephen.koopman@eskom.co.za
Susan.moodell@capetowm.gov.za Undelivered 421 service unavailable

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Tania.lewis@capetown.gov.za Transferred
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thabo@greencape.co.za Transferred
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thembani.bukula@nersa.org.za Transferred
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TKhumalo@environment.gov.za Transferred
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BC: TKhumalo@environment.gov.za
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Wlutsch@environment.gov.za Transferred
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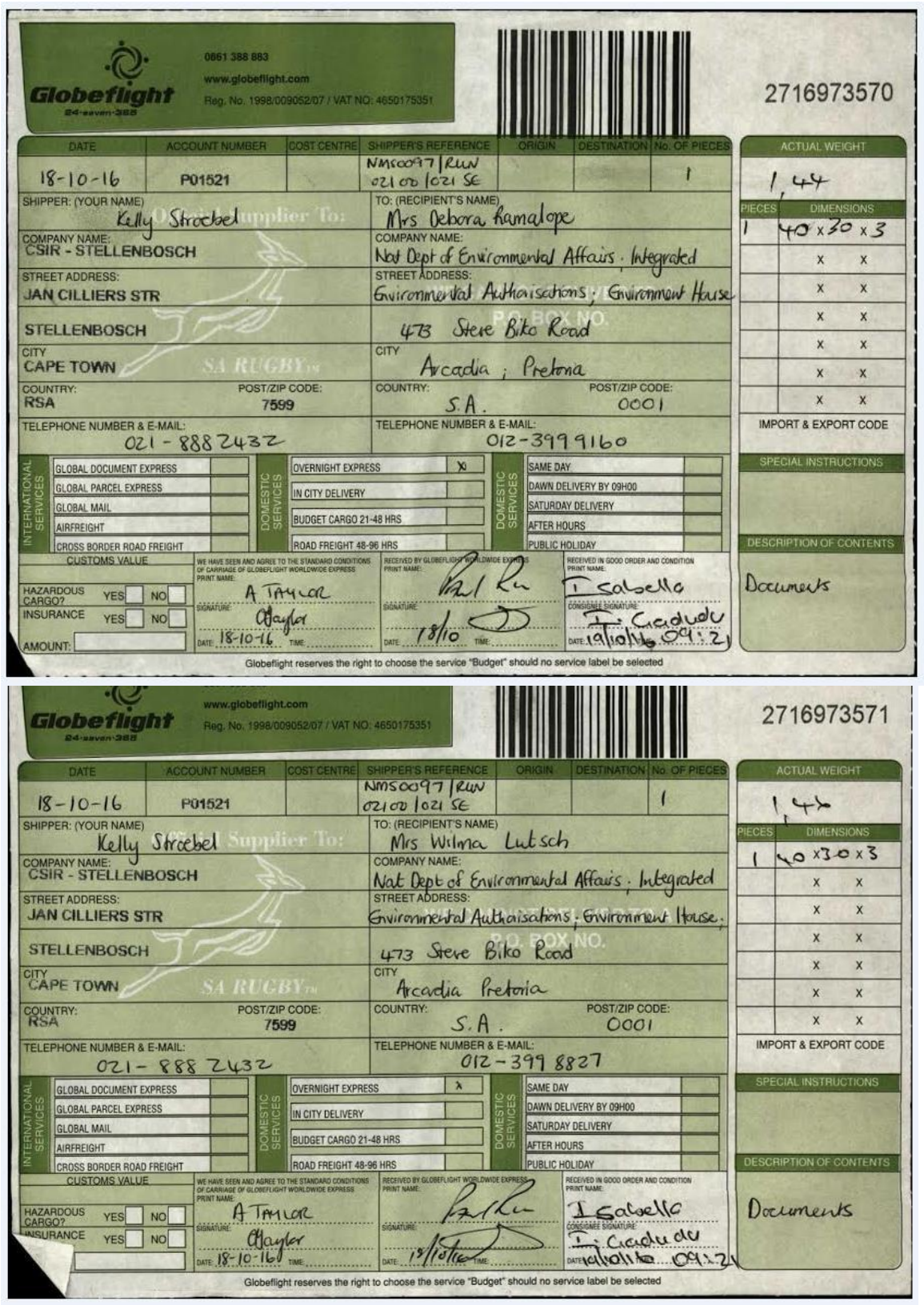
BC: Wlutsch@environment.gov.za
Xenthia.Smith@pgwc.gov.za Transferred
Transferred 19/10/2016 10:21
BC: Xenthia.Smith@pgwc.gov.za

Attachments: User: 3,**System: 3**

Proof of Post (Registered Mail) for release of Draft Scoping Report (19th October 2016)

Proof of courier of hard copies and electronic copies of Draft Scoping Report (19th October 2016)



Globeflight
24-seven-365
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973570

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
18-10-16	P01521		NMS0097/RUN 0210/021 SE			1

ACTUAL WEIGHT: 1,44

PIECES	DIMENSIONS
1	40 x 30 x 3
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME) Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021 - 888 2432

TO: (RECIPIENT'S NAME) Mrs Debora Ramalope
COMPANY NAME: Nat Dept of Environmental Affairs. Integrated
STREET ADDRESS: Environmental Authorisations; Environment House
473 Steve Biko Road
CITY: Arcadia ; Pretoria
COUNTRY: S.A.
POST/ZIP CODE: 0001
TELEPHONE NUMBER & E-MAIL: 012-3999160

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE: Ataylor
DATE: 18-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 18/10 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: I Sabello
CONSIGNEE SIGNATURE:
DATE: 19/10/16 09:21

Globeflight reserves the right to choose the service "Budget" should no service label be selected

Globeflight
24-seven-365
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973571

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
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ACTUAL WEIGHT: 1,44

PIECES	DIMENSIONS
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	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME) Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021 - 888 2432

TO: (RECIPIENT'S NAME) Mrs Wilma Lutsch
COMPANY NAME: Nat Dept of Environmental Affairs. Integrated
STREET ADDRESS: Environmental Authorisations, Environment House,
473 Steve Biko Road
CITY: Arcadia Pretoria
COUNTRY: S.A.
POST/ZIP CODE: 0001
TELEPHONE NUMBER & E-MAIL: 012-399 8827

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

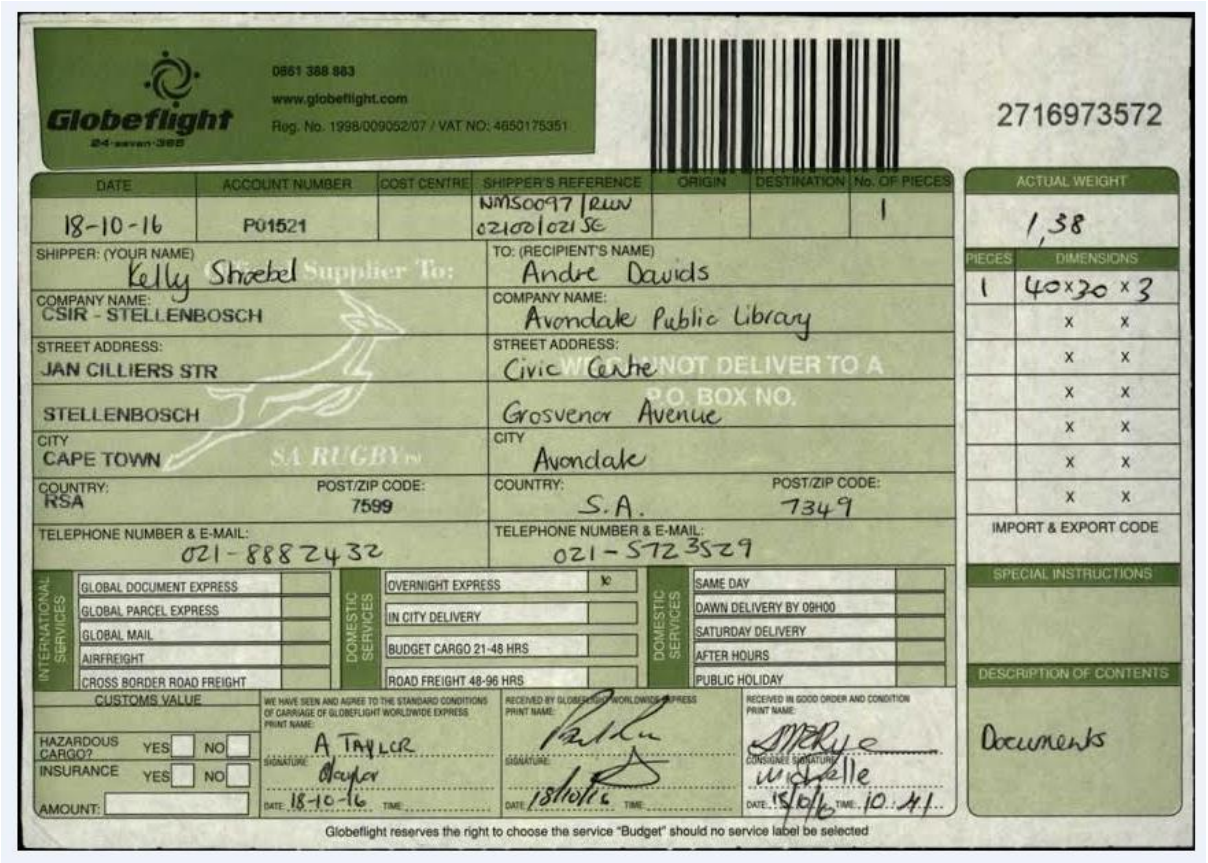
CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE: Ataylor
DATE: 18-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 18/10 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: I Sabello
CONSIGNEE SIGNATURE:
DATE: 19/10/16 09:24

Globeflight reserves the right to choose the service "Budget" should no service label be selected



Globeflight
24-seven-365
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973572

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ACTUAL WEIGHT: 1,38

PIECES	DIMENSIONS
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	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-8882432

TO: (RECIPIENT'S NAME): Andre Davids
COMPANY NAME: Avondale Public Library
STREET ADDRESS: Civic Centre
Grosvenor Avenue
CITY: Avondale
COUNTRY: S.A.
POST/ZIP CODE: 7349
TELEPHONE NUMBER & E-MAIL: 021-5723529

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS		SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT		ROAD FREIGHT 48-96 HRS		AFTER HOURS	
CROSS BORDER ROAD FREIGHT				PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

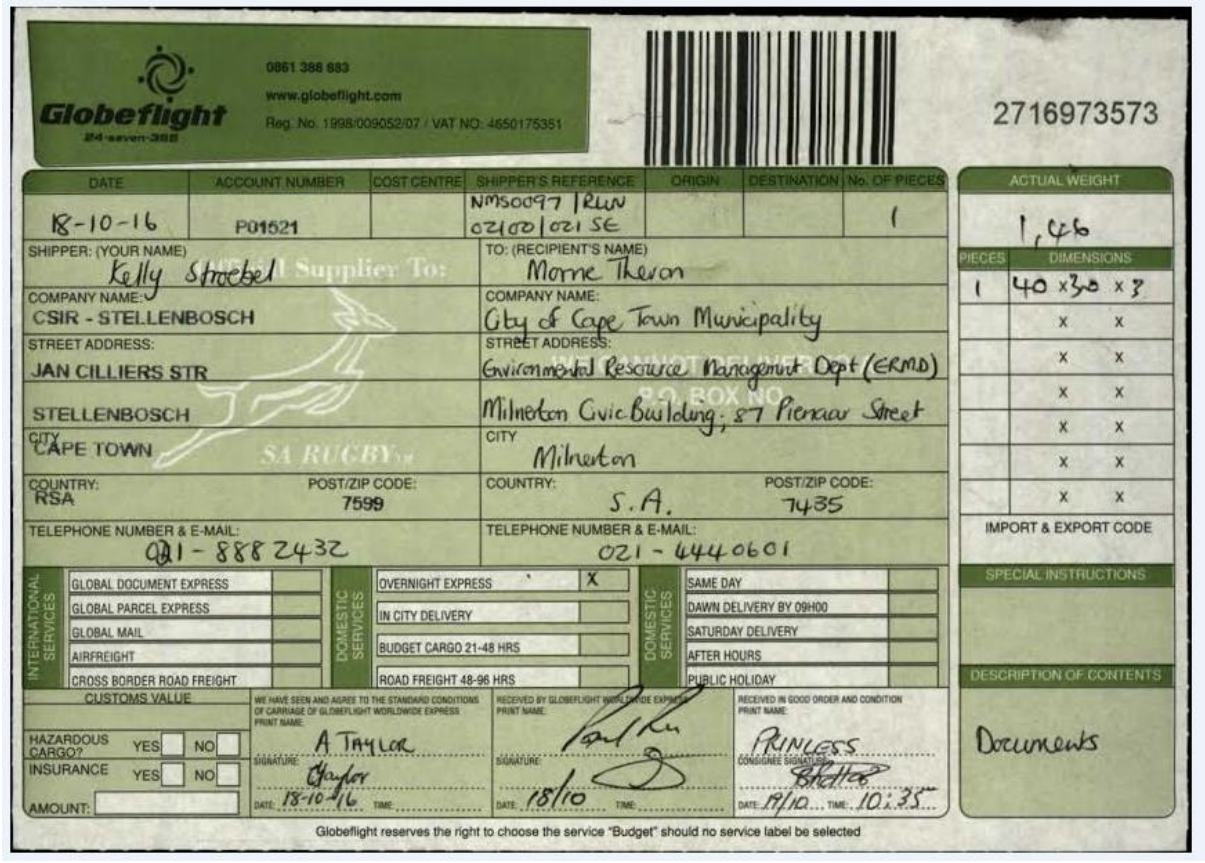
CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE: Taylor
DATE: 18-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 18/10/16 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME:
CONSIGNEE SIGNATURE:
DATE: 18/10/16 TIME: 10:41

Globeflight reserves the right to choose the service "Budget" should no service label be selected



Globeflight
24-seven-365
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973573

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
18-10-16	P01521		NMS0097 | RLW 021001021 SE			1

ACTUAL WEIGHT: 1,46

PIECES	DIMENSIONS
1	40 x 30 x 3
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-8882432

TO: (RECIPIENT'S NAME): Morne Theron
COMPANY NAME: City of Cape Town Municipality
STREET ADDRESS: Environmental Resource Management Dept (ERMD)
Milnerton Civic Building, 87 Pienaar Street
CITY: Milnerton
COUNTRY: S.A.
POST/ZIP CODE: 7435
TELEPHONE NUMBER & E-MAIL: 021-4440601

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT		ROAD FREIGHT 48-96 HRS		AFTER HOURS	
CROSS BORDER ROAD FREIGHT				PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

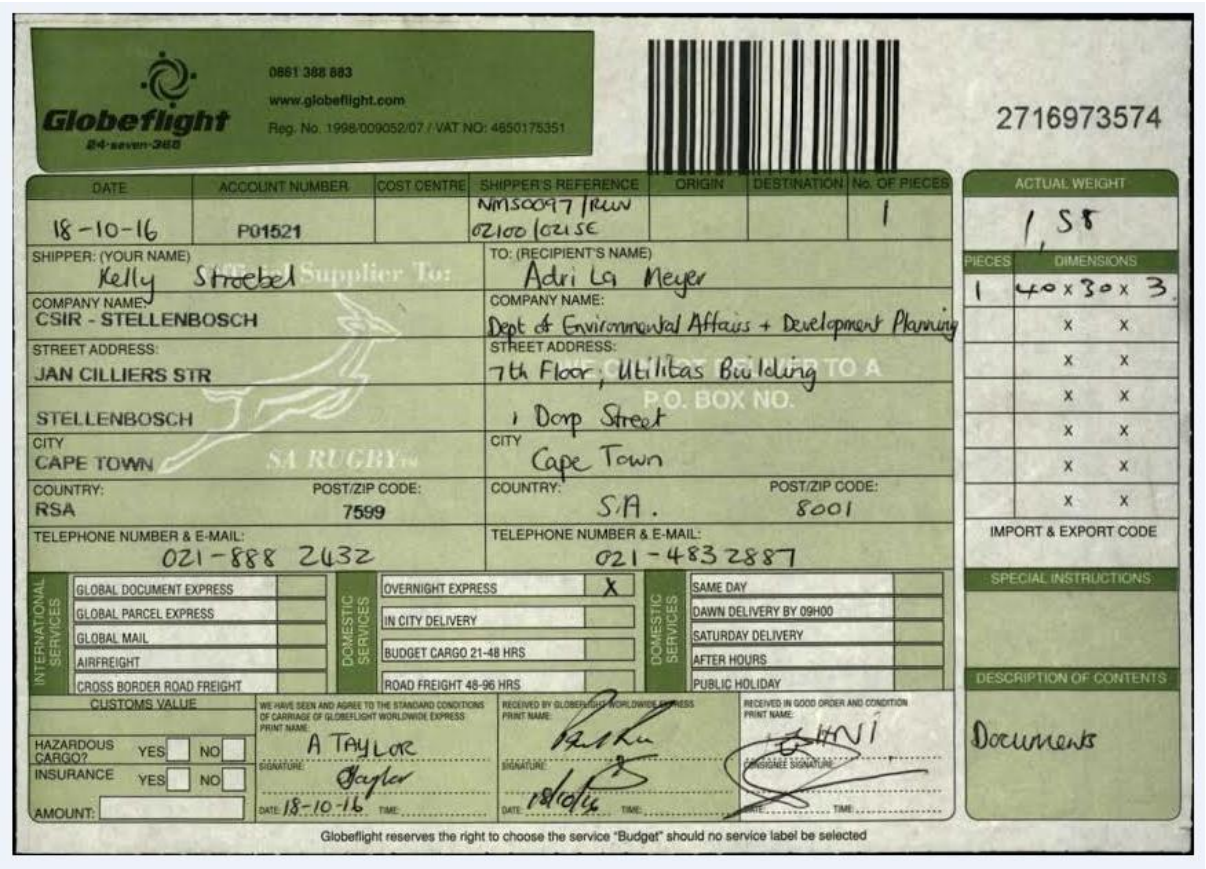
CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE: Taylor
DATE: 18-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 18/10 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: PRINCESS
CONSIGNEE SIGNATURE:
DATE: 18/10 TIME: 10:35

Globeflight reserves the right to choose the service "Budget" should no service label be selected



Globeflight
24-seven-365
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973574

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
18-10-16	P01521		NMS0097 / RUN 02100 / 021 SE			1

ACTUAL WEIGHT: 1,58

PIECES	DIMENSIONS
1	40 x 30 x 3
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME): Adri La Meyer
COMPANY NAME: Dept of Environmental Affairs + Development Planning
STREET ADDRESS: 7th Floor, Utilitas Building
1 Dorp Street
CITY: Cape Town
COUNTRY: S.A.
POST/ZIP CODE: 8001
TELEPHONE NUMBER & E-MAIL: 021-483 2887

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

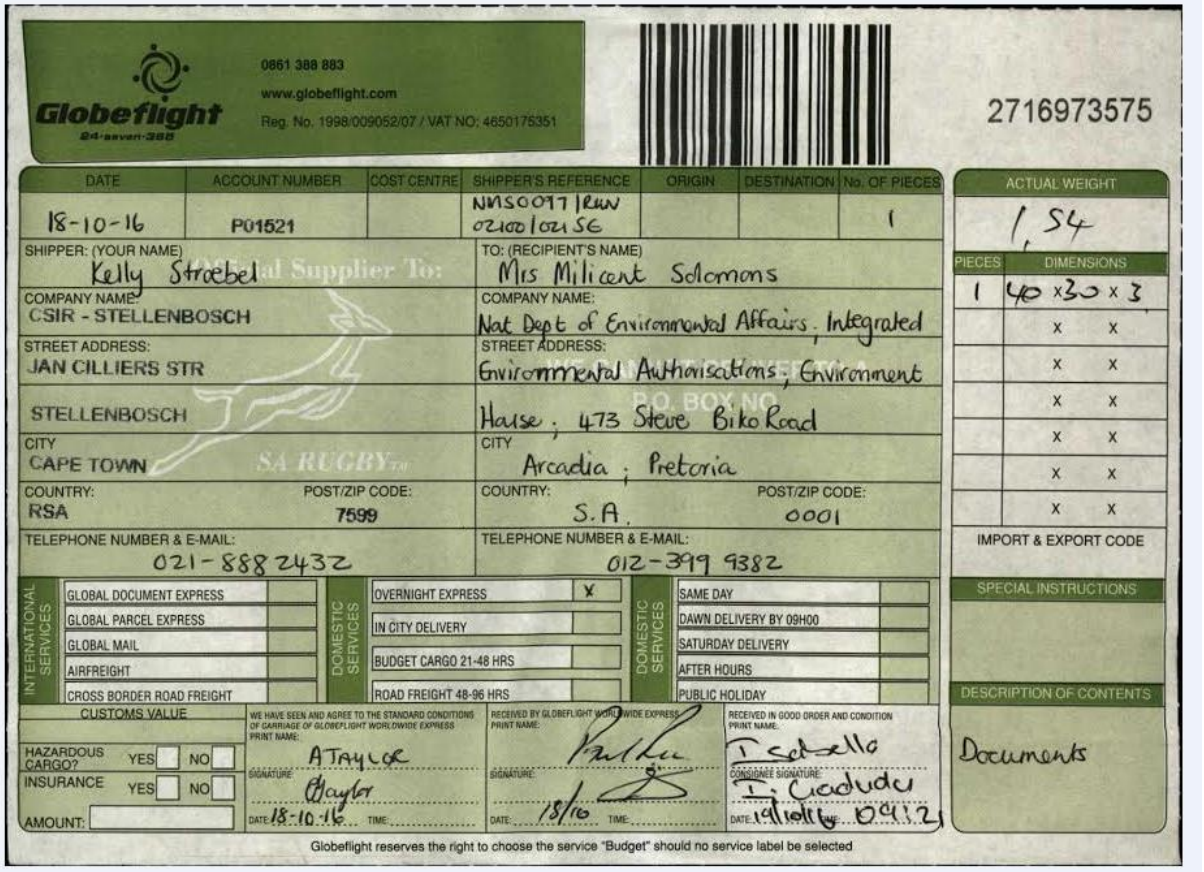
CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE:
DATE: 18-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 18/10/16 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME:
CONSIGNEE SIGNATURE:
DATE: TIME:

Globeflight reserves the right to choose the service "Budget" should no service label be selected



Globeflight
24-seven-365
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973575

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
18-10-16	P01521		NMS0097 / RUN 02100 / 021 SE			1

ACTUAL WEIGHT: 1,54

PIECES	DIMENSIONS
1	40 x 30 x 3
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME): Mrs Milicent Solomons
COMPANY NAME: Nat Dept of Environmental Affairs, Integrated
STREET ADDRESS: Environmental Authorisations; Environment
House; 473 Steve Biko Road
CITY: Arcadia; Pretoria
COUNTRY: S.A.
POST/ZIP CODE: 0001
TELEPHONE NUMBER & E-MAIL: 012-399 9382

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

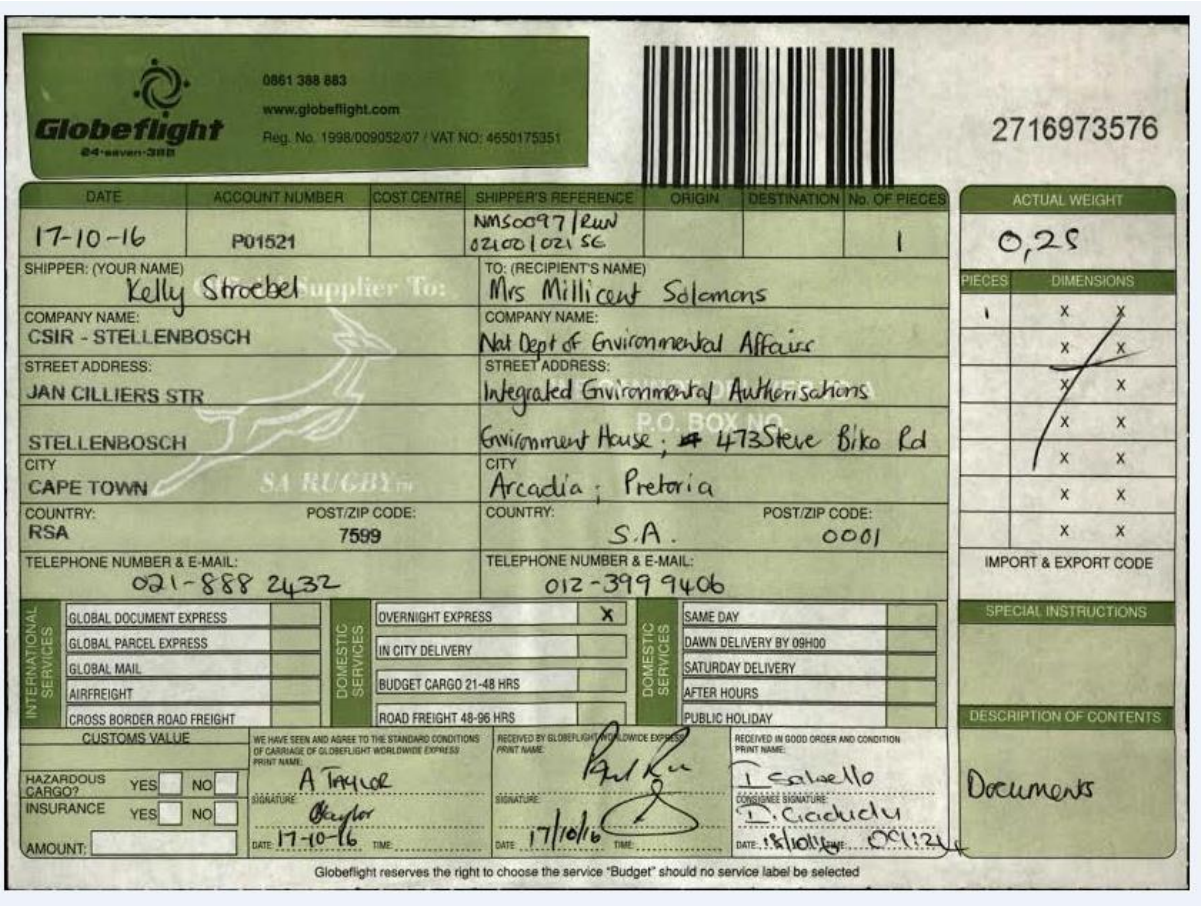
WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE:
DATE: 18-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 18/10 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME:
CONSIGNEE SIGNATURE:
DATE: 19/10/16 TIME: 0912

Globeflight reserves the right to choose the service "Budget" should no service label be selected

Proof of courier and receipt of application form for EA



Globeflight
24-seven-388
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2716973576

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
17-10-16	P01521		NMS0097/EIA 0210010215G			1

ACTUAL WEIGHT: 0,25

PIECES	DIMENSIONS
1	X X
	X X
	X X
	X X
	X X
	X X
	X X

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME) Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME) Mrs Millicent Solomons
COMPANY NAME: Nat Dept of Environmental Affairs
STREET ADDRESS: Integrated Environmental Authorisations
P.O. BOX NO
Environment House; 473 Steve Biko Rd
CITY: Arcadia; Pretoria
COUNTRY: S.A. POST/ZIP CODE: 0001
TELEPHONE NUMBER & E-MAIL: 012-399 9406

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
GLOBAL MAIL		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

CUSTOMS VALUE

HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A Taylor
SIGNATURE:
DATE: 17-10-16 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 17/10/16 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: I Esterhuizen
CONSIGNEE SIGNATURE:
DATE: 18/10/16 TIME: 08:12

Globeflight reserves the right to choose the service "Budget" should no service label be selected

Proof of follow up with the following Directorates in order to obtain comments:

From: Kelly Stroebel
To: TKhumalo@environment.gov.za
CC: PTsotesi@environment.gov.za
Date: 22/11/2016 14:39
Subject: Re: RE-SUBMISSION OF APPLICATION AND COMMENT PERIOD ON DSR: ATLANTIS GAS-TO-POWER EIA

Good Day Dr. Khumalo,

The comment period for this Draft Scoping Report ended on 17th November 2016 (30 days after the release of this email below). We also sent you a hard copy CD for your consideration. I would just like to find out from you if you do have any comments on this report at this stage of the process, or if you do not wish to comment at this stage?

Please kindly let me know at your earliest convenience.

Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

From: Kelly Stroebel
To: DRamalope@environment.gov.za
CC: TTshabalalala@environment.gov.za
Date: 22/11/2016 14:36
Subject: Re: RE-SUBMISSION OF APPLICATION AND COMMENT PERIOD ON DSR: ATLANTIS GAS-TO-POWER EIA

Good Day Mrs. Ramalope,

The comment period for this Draft Scoping Report ended on 17th November 2016 (30 days after the release of this email below). We also sent you a hard copy for your consideration. I would just like to find out from you if you do have any comments on this report at this stage of the process, or if you do not wish to comment at this stage?

Please kindly let me know at your earliest convenience.

Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

Release of the Draft EIA Report for a 30 Day review period (22ND March 2017 to 24th April 2017)

Letter sent to I&APs

CSIR Environmental Management Services
PO Box 320, Stellenbosch, 7599
Tel: +27 21 888 2432
Fax: +27 21 888 2473
Email: kstroebel@csir.co.za

our future through science

22 March 2017

Dear Interested and Affected Party

RE: RELEASE OF THE DRAFT EIA REPORT FOR COMMENT FOR THE PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 AND PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

DEA REFERENCE NUMBER: 14/12/16/3/3/2/981

The CSIR has been appointed by *The City of Cape Town Metropolitan Municipality* to undertake the required Scoping and Environmental Impact Assessment (EIA) processes for the proposed 1500 MW Atlantis Gas-to-Power facility on Portion 1 and Portion 4 of Cape Farm 1183, Western Cape.

In terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2014 NEMA EIA Regulations promulgated in Government Gazette 38282 and Government Notice (GN) R982, R983, R984 and R985 on 8 December 2014, the proposed project requires a full Scoping and EIA Process for the construction of a LNG to power facility and associated electrical infrastructure. The CSIR has been appointed by CoCT and GreenCape to undertake the requisite Scoping and EIA Processes for the proposed projects.

The Amended Application for Environmental Authorisation (EA) for the Scoping and EIA Project was lodged with the Competent Authority (i.e. the National Department of Environmental Affairs (DEA)) on 22 March 2017 to include all Listed Activities as highlighted by I&APs.

In line with the above, as a registered I&AP on the project database, you are hereby notified of the release of the Draft EIA Report for the proposed 1500 MW Atlantis Gas-to-Power facility on Portion 1 and Portion 4 of Cape Farm 1183, Western Cape to all registered I&APs and stakeholders for a 30-day review period, which will extend from **22 March 2017 (date of release of the advert)** to **24 April 2017**. Kindly submit any comments, issues or concerns you may have. Please submit these comments to the CSIR Project Manager at the contact details provided above by **24 April 2017**.

Hard copies of the Draft EIA Report are available for public viewing at the Avondale Public Library (in Atlantis). The Draft EIA Report can also be downloaded from the following website: https://www.csir.co.za/environmental-impact-assessment

Note re. the website: due to the large size of the report, please note that the report has been split up into 7 parts on the website above.

All comments received during this 30 day review period will be recorded and included in the Final EIA Report for submission to the National DEA for decision-making. As a registered I&AP on the project database, you will be notified of the submission of the EIA Report to the DEA for decision-making.

Should you have any queries or require additional information please do not hesitate to contact the undersigned using the contact details provided above.

Sincerely,

Paul Lochner
CSIR Project leader
CSIR Environmental Management Services

Ms. Kelly Stroebel
CSIR Project Manager

Email sent to I&APs

From: Kelly Stroebel
To:
BC Rudolph du Toit; Dominic José Goncalves; david@atlanticep.com; des@atlanticep.com; Sonia Miszczak; carl@awk.co.za; conservation@birdlife.org.za; Barnett@capeaction.org.za; info@capeaction.org.za; rsmart@capenature.co.za; Susan.moodell@capetowm.gov.za; andre.human@capetown.gov.za; anton.groenewald@capetown.gov.za; Barbara.Rass@capetown.gov.za; bernadette.leroux@capetown.gov.za; bongani.mnisi@capetown.gov.za; candice.haskins@capetown.gov.za; city.manager@capetown.gov.za; Cynthia.Clayton@capetown.gov.za; Ian.Gildenhuys@capetown.gov.za; japie.hugo@capetown.gov.za; Justin.Basson@capetown.gov.za; Morne.Theron@capetown.gov.za; sally.chambers@capetown.gov.za; Stanley.Visser@capetown.gov.za; tania.lewis@capetown.gov.za; nhlakad@daff.gov.za; andre.otto@dme.gov.za; khayalethu.matrose@dmr.gov.za; ForssmaL@dot.gov.za; balzert@dwa.gov.za; mmachakat@dwa.gov.za; AndreR@elsenburg.com; nnana.direro@energy.gov.za; DRamalope@environment.gov.za; emaradwa@environment.gov.za; hbezuidenhout@environment.gov.za; Lydia Kutu; lmokoena@environment.gov.za; MEssop @environment.gov.za; Mmamohale Kabasa; msolomons@environment.gov.za; PTsotesi@environment.gov.za ; Rabelani Tshikalanke; Seoka Lekota; SMambane@environment.gov.za; TKhumalo@environment.gov.za; TTshabalalala@environment.gov.za ; Wlutsch@environment.gov.za; coetzeeh@eskom.co.za; Hannes.coetzee@eskom.co.za; henk.landman@eskom.co.za; john.geeringh@eskom.co.za; Koopmans@eskom.co.za; LandmaHJ@eskom.co.za; maraisr@eskom.co.za; MdingiS@eskom.co.za; riaan.smit@eskom.co.za; ronald.marais@eskom.co.za; smitr@eskom.co.za; Stephen.koopman@eskom.co.za; megand@ewt.org.za; Ferdi Pieterse; mike@greencape.co.za; thabo@greencape.co.za; craig.morkel@ikapa-energy.co.za; Bertus v Niekerk; jannie@mulilo.com; thembani.bukula@nersa.org.za; Kleinhansm@nra.co.za; Sferreir@pgwc.co.za; Xenthia.Smith@pgwc.gov.za; lbruiners@ruraldevelopment.gov.za; jlavin@sahra.org.za; melodiem@sanparks.org; esca.coetzee@sasol.com(...)
Date: 22/03/2017 15:36
Subject: Atlantis gas-to-power project: Draft EIR out for review (Ref: 14/12/16/3/3/2/981)
Attachments: CSIR Letter to I&APs - DEIR release.pdf

Dear Stakeholder,

RE: PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 AND PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

NOTICE OF RELEASE OF DRAFT EIA REPORT FOR PUBLIC REVIEW
DEA Ref no: 14/12/16/3/3/2/981

Please find attached **letter** notifying you of the release of the **Draft Environmental Impact Assessment Report** for the above-mentioned project in terms of the National Environmental Management Act (No. 107 of 1998) and its amended Regulations 983, 984, and 985; as promulgated on 4 December 2014. You are invited to provide written comments on the Draft EIA Report in the public comment period which is running for 30 days (excluding public holidays) from the **22nd March 2017 to the 24 April 2017.** Please submit any comments by the 24th April 2017 to:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2432
Fax: 021 888 2473
Email: kstroebel@csir.co.za

Hard Copies of the Draft EIA Report are available at the Avondale Public Library (Civic Centre, Grosvenor Avenue, Avondale, 7349) and on the project website at:
https://www.csir.co.za/environmental-impact-assessment

Please note that due to the large size of the report, it has been split up into **7 parts** which need to be viewed in numerical order.

If you have any queries or require further information, please do not hesitate to contact me.

Kind Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

Recipients: 81 Acknowledged: 1, Response Pending: 57, Undelivered: 23

andre.human@capetown.gov.za Transferred
Transferred 22/03/2017 15:37
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Undelivered 421 service unavailable

AndreR@elsenburg.com Transferred
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BC: AndreR@elsenburg.com

anton.groenewald@capetown.gov.za Transferred
Transferred 22/03/2017 15:37
BC: anton.groenewald@capetown.gov.za

balzert@dwa.gov.za Transferred
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BC: balzert@dwa.gov.za

Barbara.Rass@capetown.gov.za Transferred
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BC: Barbara.Rass@capetown.gov.za
Undelivered 421 service unavailable

bernadette.leroux@capetown.gov.za Transferred
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BC: bernadette.leroux@capetown.gov.za

Bertus v Niekerk Transferred
Transferred 22/03/2017 15:37
BC: bertus@mulilo.com

bongani.dilima@transnet.net Transfer Delayed
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BC: bongani.dilima@transnet.net

bongani.mnisi@capetown.gov.za Transferred
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BC: bongani.mnisi@capetown.gov.za

candice.haskins@capetown.gov.za Transferred
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BC: candice.haskins@capetown.gov.za

carl@awk.co.za Transferred
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BC: carl@awk.co.za

city.manager@capetown.gov.za Transferred
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BC: city.manager@capetown.gov.za

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Transfer Failed 22/03/2017 15:37
Undeliverable 22/03/2017 15:37 550 No Such User Here
BC: Ck@wcncb.co.za

coetzeeh@eskom.co.za Undelivered 550 Previous (cached) callout verification failure

Transfer Delayed	22/03/2017 15:38	
Transfer Delayed	22/03/2017 15:38	
Undeliverable	22/03/2017 15:38	550 Previous (cached) callout verification failure

BC: coetzeeh@eskom.co.za

conservation@birdlife.org.za Transferred

Transferred	22/03/2017 15:37

BC: conservation@birdlife.org.za

craig.morkel@ikapa-energy.co.za Transferred

Transferred	22/03/2017 15:37

BC: craig.morkel@ikapa-energy.co.za

Cynthia.Clayton@capetown.gov.za Transferred

Transferred	22/03/2017 15:37

BC: Cynthia.Clayton@capetown.gov.za

david@atlanticep.com Transferred

Transferred	22/03/2017 15:37

BC: david@atlanticep.com

des@atlanticep.com Transferred

Transferred	22/03/2017 15:37

BC: des@atlanticep.com

Dominic José Goncalves Transferred

Transferred	22/03/2017 15:37

BC: dominic.goncalves@abengoa.com

DRamalope@environment.gov.za Transferred

Transferred	22/03/2017 15:37

BC: DRamalope@environment.gov.za

emaradwa@environment.gov.za Transferred

Transferred	22/03/2017 15:37

BC: emaradwa@environment.gov.za

esca.coetzee@sasol.com Transfer Delayed

Transfer Delayed	22/03/2017 15:37
Transferred	22/03/2017 15:57

BC: esca.coetzee@sasol.com

Ferdi Pieterse Transferred

Transferred	22/03/2017 15:37

BC: ferdi@globesight.co.za

ForssmaL@dot.gov.za Transferred

Transferred	22/03/2017 15:37

BC: ForssmaL@dot.gov.za

Hannes.coetzee@eskom.co.za Undelivered 550 Previous (cached) callout verification failure

Transfer Delayed	22/03/2017 15:38	
Undeliverable	22/03/2017 15:38	550 Previous (cached) callout verification failure

BC: Hannes.coetzee@eskom.co.za

hbezuidenhout@environment.gov.za Transferred

Transferred	22/03/2017 15:37

BC: hbezuidenhout@environment.gov.za

henk.landman@eskom.co.za Undelivered 550 Previous (cached) callout verification failure

Transfer Delayed 22/03/2017 15:38
Undeliverable 22/03/2017 15:38 550 Previous (cached) callout verification failure
BC: henk.landman@eskom.co.za

Ian.Gildenhuys@capetown.gov.za Transferred

Transferred 22/03/2017 15:37
BC: Ian.Gildenhuys@capetown.gov.za

Undelivered 421 Service not available, closing transmission channel

jannie@mulilo.com Transferred

Transferred 22/03/2017 15:37
BC: jannie@mulilo.com

japie.hugo@capetown.gov.za Transferred

Transferred 22/03/2017 15:37
BC: japie.hugo@capetown.gov.za

jlavin@sahra.org.za Transferred

Transferred 22/03/2017 15:37
BC: jlavin@sahra.org.za

john.geeringh@eskom.co.za Transfer Delayed

Transfer Delayed 22/03/2017 15:38
BC: john.geeringh@eskom.co.za

Justin.Basson@capetown.gov.za Transferred

Transferred 22/03/2017 15:37
BC: Justin.Basson@capetown.gov.za

khayalethu.matrose@dmr.gov.za Transferred

Transferred 22/03/2017 15:37
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Kleinhansm@nra.co.za Transferred

Transferred 22/03/2017 15:38
BC: Kleinhansm@nra.co.za

Koopmans@eskom.co.za Transfer Delayed

Transfer Delayed 22/03/2017 15:38
BC: Koopmans@eskom.co.za

LandmaHJ@eskom.co.za Transfer Delayed

Transfer Delayed 22/03/2017 15:38
BC: LandmaHJ@eskom.co.za

lbruiners@ruraldevelopment.gov.za Undelivered 450 4.1.1 <lbruiners@ruraldevelopment.gov.za>: Recipient address rejected: unverified address: delivery temporarily suspended: connect to 10.131.100.19[10.131.100.19]:25: Connection refused

lmokoena@environment.gov.za Transferred

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Lydia Kutu Transferred

Transferred	22/03/2017 15:37

BC: LKutu@environment.gov.za

maraisr@eskom.co.za Transfer Delayed

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MdingiS@eskom.co.za Transfer Delayed

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megand@ewt.org.za Transferred

Transferred	22/03/2017 15:37

BC: megand@ewt.org.za

melodiem@sanparks.org Undelivered 550 Invalid Recipient - https://community.mimecast.com/docs/DOC-1369#550

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	22/03/2017 15:57	
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BC: MEssop@environment.gov.za

mike@greencape.co.za Transferred

Transferred	22/03/2017 15:37

BC: mike@greencape.co.za

Mische Engelbrecht Transferred

Transferred	22/03/2017 15:37

BC: Mische.Engelbrecht@westerncape.gov.za

mmachakat@dwa.gov.za Transferred

Transferred	22/03/2017 15:37

BC: mmachakat@dwa.gov.za

Mmamohale Kabasa Transferred

Transferred	22/03/2017 15:37

BC: MKabasa@environment.gov.za

Morne.Theron@capetown.gov.za Transferred

Transferred	22/03/2017 15:37

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msolomons@environment.gov.za Transferred

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nhlakad@daff.gov.za Transferred

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BC: nhlakad@daff.gov.za

nnana.direro@energy.gov.za Transferred

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BC: nnana.direro@energy.gov.za

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Transferred	22/03/2017 15:37

BC: PTsotesi@environment.gov.za

Rabelani Tshikalanke Transferred

Transferred	22/03/2017 15:37

BC: RTshikalanke@environment.gov.za

riaan.smit@eskom.co.za Transfer Delayed

Transfer Delayed	22/03/2017 15:38

BC: riaan.smit@eskom.co.za

ronald.marais@eskom.co.za Transfer Delayed

Transfer Delayed	22/03/2017 15:38

BC: ronald.marais@eskom.co.za

rsmart@capenature.co.za Transferred

Transferred	22/03/2017 15:37

BC: rsmart@capenature.co.za

Rudolph du Toit Emptied

Delivered	22/03/2017 15:36
Read	22/03/2017 15:45
Emptied	24/04/2017 08:50

BC: RduToit@csir.co.za

sally.chambers@capetown.gov.za Transferred

Transferred	22/03/2017 15:37

BC: sally.chambers@capetown.gov.za

Seoka Lekota Transferred

Transferred	22/03/2017 15:37

BC: SLekota@environment.gov.za

Undelivered 421 service unavailable

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Transferred	22/03/2017 15:37

BC: SMambane@environment.gov.za

smitr@eskom.co.za Transfer Delayed

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BC: smitr@eskom.co.za

Sonia Miszczak Transferred

Transferred	22/03/2017 15:37

BC: sonia@atlanticep.com

Stanley.Visser@capetown.gov.za Transferred

Transferred	22/03/2017 15:37

BC: Stanley.Visser@capetown.gov.za

Stephen.koopman@eskom.co.za Transfer Delayed

Transfer Delayed	22/03/2017 15:38

BC: Stephen.koopman@eskom.co.za

tania.lewis@capetown.gov.za Transferred

tania.lewis@capetown.gov.za Transferred

Transferred 22/03/2017 15:37

BC: tania.lewis@capetown.gov.za

thabo@greencape.co.za Transferred

Transferred 22/03/2017 15:37

BC: thabo@greencape.co.za

thembani.bukula@nersa.org.za Transferred

Transferred 22/03/2017 15:37

BC: thembani.bukula@nersa.org.za

TKhumalo@environment.gov.za Transferred

Transferred 22/03/2017 15:37

BC: TKhumalo@environment.gov.za

TTshabalalala@environment.gov.za Transferred

Transferred 22/03/2017 15:37

BC: TTshabalalala@environment.gov.za

wayne.glossop@wartsila.com Transferred

Transferred 22/03/2017 15:37

BC: wayne.glossop@wartsila.com

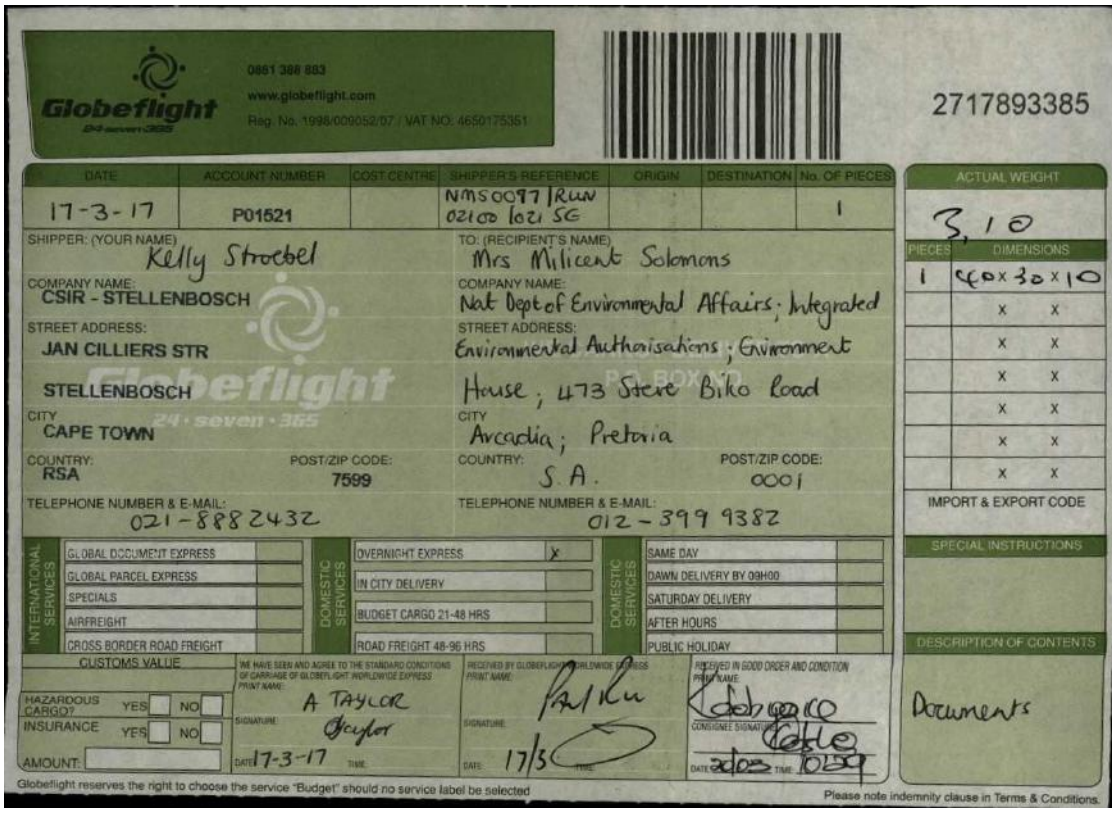
Wlutsch@environment.gov.za Transferred

Transferred 22/03/2017 15:37

BC: Wlutsch@environment.gov.za

Xenthia.Smith@pgwc.gov.za Transferred

Proof of Courier of DEIR Hard Copies



Globeflight
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2717893385

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
17-3-17	P01521		NMS0097 /RUN 02100 1021 SE			1

ACTUAL WEIGHT: 3,10

PIECES	DIMENSIONS
1	40 x 30 x 10
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME): Mrs Milicent Solomons
COMPANY NAME: Nat Dept of Environmental Affairs; Integrated Environmental Authorisations; Environment House; 473 Steve Biko Road
CITY: Arcadia; Pretoria
COUNTRY: S.A.
POST/ZIP CODE: 0001
TELEPHONE NUMBER & E-MAIL: 012-399 9382

INTERNATIONAL SERVICES: GLOBAL DOCUMENT EXPRESS; GLOBAL PARCEL EXPRESS; SPECIALS; AIRFREIGHT; CROSS BORDER ROAD FREIGHT
DOMESTIC SERVICES: OVERNIGHT EXPRESS (X); IN CITY DELIVERY; BUDGET CARGO 21-48 HRS; ROAD FREIGHT 48-96 HRS
DOMESTIC SERVICES: SAME DAY; DAWN DELIVERY BY 09H00; SATURDAY DELIVERY; AFTER HOURS; PUBLIC HOLIDAY

CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE:
DATE: 17-3-17 TIME:

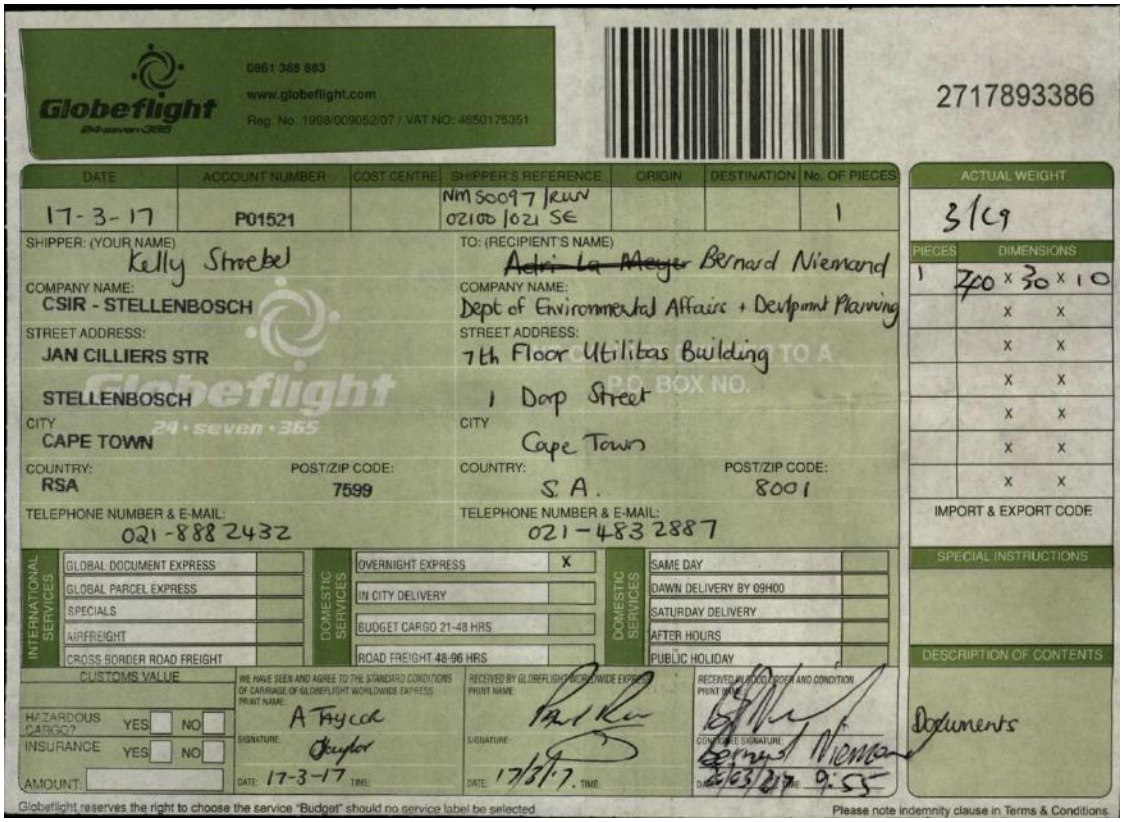
RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 17/3 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME:
CONSIGNEE SIGNATURE:
DATE: 20/3 TIME: 10:29

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

Globeflight reserves the right to choose the service "Budget" should no service label be selected
Please note indemnity clause in Terms & Conditions.



Globeflight
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2717893386

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
17-3-17	P01521		NMS0097 /RUN 02100 1021 SE			1

ACTUAL WEIGHT: 3/09

PIECES	DIMENSIONS
1	40 x 30 x 10
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME): ~~Adri La Meyer~~ Bernard Niemand
COMPANY NAME: Dept of Environmental Affairs + Devlpmnt Planning
STREET ADDRESS: 7th Floor Utilitas Building
1 Dorp Street
CITY: Cape Town
COUNTRY: S.A.
POST/ZIP CODE: 8001
TELEPHONE NUMBER & E-MAIL: 021-483 2887

INTERNATIONAL SERVICES: GLOBAL DOCUMENT EXPRESS; GLOBAL PARCEL EXPRESS; SPECIALS; AIRFREIGHT; CROSS BORDER ROAD FREIGHT
DOMESTIC SERVICES: OVERNIGHT EXPRESS (X); IN CITY DELIVERY; BUDGET CARGO 21-48 HRS; ROAD FREIGHT 48-96 HRS
DOMESTIC SERVICES: SAME DAY; DAWN DELIVERY BY 09H00; SATURDAY DELIVERY; AFTER HOURS; PUBLIC HOLIDAY

CUSTOMS VALUE
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A Taylor
SIGNATURE:
DATE: 17-3-17 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 17/3/17 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME:
CONSIGNEE SIGNATURE: Bernard Niemand
DATE: 20/3/17 TIME: 9:55

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

Globeflight reserves the right to choose the service "Budget" should no service label be selected
Please note indemnity clause in Terms & Conditions.

Globeflight
0861 388 883
www.globeflight.com
Reg. No. 1998/009052/07 / VAT NO: 4650175351

2717893387

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
17-3-17	P01521		NMS0097/RUN 02100/021 SE			1

ACTUAL WEIGHT: 3 kg

PIECES	DIMENSIONS
1	40 x 30 x 10
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME): Morne Theron
COMPANY NAME: City of Cape Town Municipality
STREET ADDRESS: Environmental Resource Management Dept (ERMD)
Milnerton Civic Building
87 Pienaar Street
CITY: Milnerton
COUNTRY: S.A.
POST/ZIP CODE: 7435
TELEPHONE NUMBER & E-MAIL: 021 - 444 0601

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
SPECIALS		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

CUSTOMS VALUE

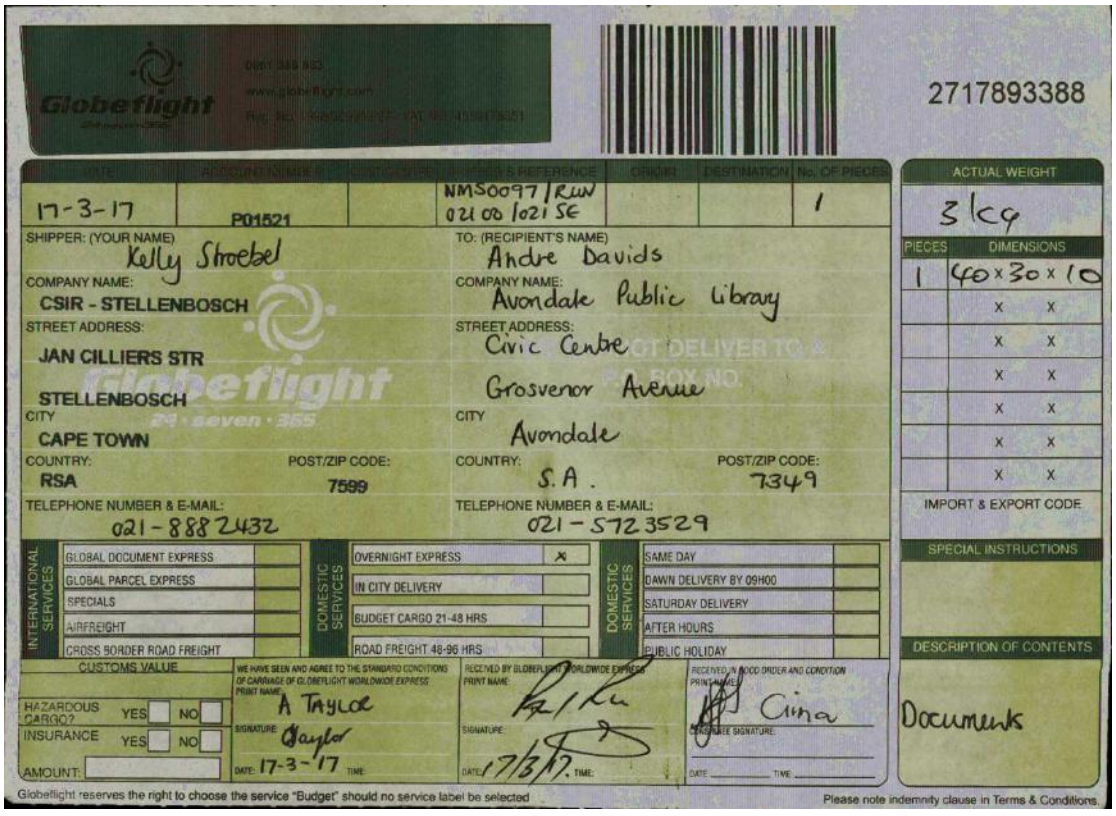
HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE: Taylor
DATE: 17-3-17 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 17/3/17 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: R-Claas
CONSIGNEE SIGNATURE:
DATE: 2017-3-20 TIME: 10h12

Globeflight reserves the right to choose the service "Budget" should no service label be selected
Please note indemnity clause in Terms & Conditions.



Globeflight

2717893388

DATE	ACCOUNT NUMBER	COST CENTRE	SHIPPER'S REFERENCE	ORIGIN	DESTINATION	No. OF PIECES
17-3-17	P01521		NMS0097/RUN 02100/021 SE			1

ACTUAL WEIGHT: 3 kg

PIECES	DIMENSIONS
1	40 x 30 x 10
	x x
	x x
	x x
	x x
	x x
	x x

IMPORT & EXPORT CODE

SHIPPER: (YOUR NAME): Kelly Stroebel
COMPANY NAME: CSIR - STELLENBOSCH
STREET ADDRESS: JAN CILLIERS STR
STELLENBOSCH
CITY: CAPE TOWN
COUNTRY: RSA
POST/ZIP CODE: 7599
TELEPHONE NUMBER & E-MAIL: 021-888 2432

TO: (RECIPIENT'S NAME): Andre Davids
COMPANY NAME: Avondale Public Library
STREET ADDRESS: Civic Centre
Grosvenor Avenue
CITY: Avondale
COUNTRY: S.A.
POST/ZIP CODE: 7349
TELEPHONE NUMBER & E-MAIL: 021-572 3529

INTERNATIONAL SERVICES		DOMESTIC SERVICES		DOMESTIC SERVICES	
GLOBAL DOCUMENT EXPRESS		OVERNIGHT EXPRESS	X	SAME DAY	
GLOBAL PARCEL EXPRESS		IN CITY DELIVERY		DAWN DELIVERY BY 09H00	
SPECIALS		BUDGET CARGO 21-48 HRS		SATURDAY DELIVERY	
AIRFREIGHT				AFTER HOURS	
CROSS BORDER ROAD FREIGHT		ROAD FREIGHT 48-96 HRS		PUBLIC HOLIDAY	

SPECIAL INSTRUCTIONS

DESCRIPTION OF CONTENTS: Documents

CUSTOMS VALUE

HAZARDOUS CARGO? YES NO
INSURANCE YES NO
AMOUNT:

WE HAVE SEEN AND AGREE TO THE STANDARD CONDITIONS OF CARRIAGE OF GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME: A TAYLOR
SIGNATURE: Taylor
DATE: 17-3-17 TIME:

RECEIVED BY GLOBEFLIGHT WORLDWIDE EXPRESS
PRINT NAME:
SIGNATURE:
DATE: 17/3/17 TIME:

RECEIVED IN GOOD ORDER AND CONDITION
PRINT NAME: Gina
CONSIGNEE SIGNATURE:
DATE: TIME:

Globeflight reserves the right to choose the service "Budget" should no service label be selected
Please note indemnity clause in Terms & Conditions.

Proof of reminder email for comments on the DEIR sent on the 18th April 2017

From: Kelly Stroebel
To:
BC Rudolph du Toit; Dominic José Goncalves; david@atlanticep.com; des@atlanticep.com; Sonia Miszczak; carl@awk.co.za; conservation@birdlife.org.za; rsmart@capenature.co.za; Susan.moodell@capetowm.gov.za; andre.human@capetown.gov.za; anton.groenewald@capetown.gov.za; Barbara.Rass@capetown.gov.za; bernadette.leroux@capetown.gov.za; bongani.mnisi@capetown.gov.za; candice.haskins@capetown.gov.za; city.manager@capetown.gov.za; Cynthia.Clayton@capetown.gov.za; Ian.Gildenhuys@capetown.gov.za; japie.hugo@capetown.gov.za; Justin.Basson@capetown.gov.za; Morne.Theron@capetown.gov.za; sally.chambers@capetown.gov.za; Stanley.Visser@capetown.gov.za; tania.lewis@capetown.gov.za; nhlakad@daff.gov.za; khayalethu.matrose@dmr.gov.za; ForssmaL@dot.gov.za; balzert@dwa.gov.za; mmachakat@dwa.gov.za; AndreR@elsenburg.com; nnana.direro@energy.gov.za; DRamalope@environment.gov.za; emaradwa@environment.gov.za; hbezuidenhout@environment.gov.za; Lydia Kutu; lmokoena@environment.gov.za; MEssop @environment.gov.za; Mmamohale Kabasa; msolomons@environment.gov.za; PTsotesi@environment.gov.za ; Rabelani Tshikalanke; Seoka Lekota; SMambane@environment.gov.za; TKhumalo@environment.gov.za; TTshabalalala@environment.gov.za ; Wlutsch@environment.gov.za; Hannes.coetzee@eskom.co.za; john.geeringh@eskom.co.za; Koopmans@eskom.co.za; maraisr@eskom.co.za; MdingiS@eskom.co.za; riaan.smit@eskom.co.za; ronald.marais@eskom.co.za; smitr@eskom.co.za; Stephen.koopman@eskom.co.za; Ferdi Pieterse; mike@greencape.co.za; thabo@greencape.co.za; craig.morkel@ikapa-energy.co.za; Bertus v Niekerk; jannie@mulilo.com; thembani.bukula@nersa.org.za; Kleinhansm@nra.co.za; Xenthia.Smith@pgwc.gov.za; esca.coetzee@sasol.com; bongani.dilima@transnet.net; wayne.glossop@wartsila.com; Ck@wcncb.co.za; Mische Engelbrecht
Date: 18/04/2017 15:26
Subject: REMINDER: Atlantis gas-to-power project: Draft EIR out for review (Ref: 14/12/16/3/3/2/981)
Attachments: CSIR Letter to I&APs - DEIR release.pdf

Dear Stakeholder,

Please be reminded that the public comment period for the Draft EIA report for the below-mentioned project ends next week **Monday the 24th April 2017.**

Details on where you can access the report can be found below. Kindly send through any comments using the contact details below on or before this date.

Kind Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

kstroebel@csir.co.za
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

>>> Kelly Stroebel 22/03/2017 15:36 >>>
Dear Stakeholder,

RE: PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 AND PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

NOTICE OF RELEASE OF DRAFT EIA REPORT FOR PUBLIC REVIEW
DEA Ref no: 14/12/16/3/3/2/981

Please find attached **letter** notifying you of the release of the **Draft Environmental Impact Assessment Report** for the above-mentioned project in terms of the National Environmental Management Act (No. 107 of 1998) and its amended Regulations 983, 984, and 985; as promulgated on 4 December 2014. You are invited to provide written comments on the Draft EIA Report in the public comment period which is running for 30 days (excluding public holidays) from the **22nd March 2017 to the 24 April 2017.** Please submit any comments by the 24th April 2017 to:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2432
Fax: 021 888 2473
Email: kstroebel@csir.co.za

Hard Copies of the Draft EIA Report are available at the Avondale Public Library (Civic Centre, Grosvenor Avenue, Avondale, 7349) and on the project website at:
https://www.csir.co.za/environmental-impact-assessment

Please note that due to the large size of the report, it has been split up into **7 parts** which need to be viewed in numerical order.

If you have any queries or require further information, please do not hesitate to contact me.

Kind Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch
_____
kstroebel@csir.co.za
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

GreenCape

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Making progress possible. Together.

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Scoping and Environmental Impact Assessment for the proposed Atlantis Gas-to-Power facility on Portion 1 of Portion 4 of Cape Farm 1183, Western Cape

VERSION 2 OF MAY 2017

APPENDIX F:

Copy of Site Notice Board

Site Notice Board – English

GreenCape

NOTICE OF ENVIRONMNETAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD
Making progress possible. Together.

PROJECT REFERENCE NUMBER: CSIR/CAS/EMS/ER/2015/0010/A

Project Title: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portion 1 and 4 of Cape Farm 1183, Western Cape

Project Proposal: City of Cape Town (i.e. the Project Applicant) in association with GreenCape is proposing to develop a CCGT facility for the generation of electricity from LNG. It is expected that following the Department of Energy's RFI and subsequent RFP for gas to power projects, it will play a significant role in South Africa's power generation mix. The site is currently part of the planned Special Economic Zone (SEZ) in Atlantis, focused on Greentech. The project is located in the Atlantis Industrial Area, within the City of Cape Town Metropolitan Municipality in the Western Cape Province, approximately 40 km north of Cape Town.

The following listed activities are relevant in terms of NEMA EIA Regulations 2014 (GN No. R.984 refers):

Listing Notice 2: Activities 2, 5, 6, 15.

A Basic Assessment has been previously conducted on this site and consequent Environmental Authorization granted in 2013 for several listed activities under NEMA (Act 107 of 1998) EIA Regulations 2010 (not similarly listed as above).

CSIR has been appointed by the project applicant as the independent Environmental Assessment Practitioner to manage the EIA process and public consultation for the project. To ensure you are included on the project register as well as to raise issues and concerns for inclusion in the Draft Scoping Report, you are kindly requested to register your interest in the project and submit any comments you may have to the consultant indicated below within 30 days of this notification. Please provide your full name, full postal address, phone numbers, Email and state your area of interest and/ or concern to:

CSIR
our future through science

Ms Anne-Marie Taylor
CSIR
PO Box 320, Stellenbosch 7599
Phone 021 888 2661, Fax 021 888 2476
Email: ataylor@csir.co.za

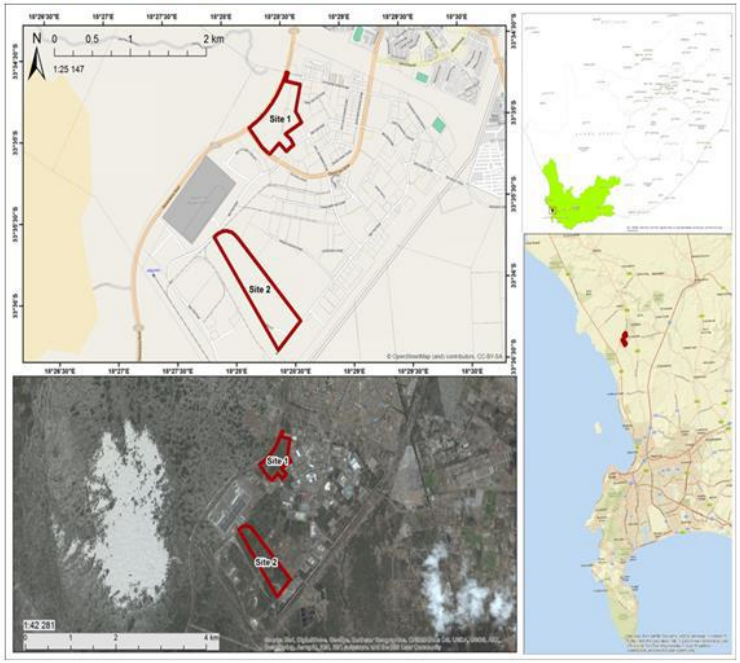


Figure 1: Locality of the Atlantis Gas-to-Power sites where the development is proposed.

Site Notice Board – Afrikaans

GreenCape

KENNISGEWING VAN BESTEK- EN OMGEWINGSIMPAK STUDIE

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD
Making progress possible. Together.

CSIR verwysingsnommer: CSIR/CAS/EMS/ER/2015/0010/A

Projek Titel: Omgewingsimpak Studie (OIS) vir die voorgestelde Atlantis Gas-To-Power Projek, Deel 1 en 4 van Cape Farm 1183, Wes-Kaap

Projek Voorstel: Die Stad Kaapstad en GreenCape het die haalbaarheid van die ontwikkeling van 'n geïntegreerde kragprojek binne die Atlantis Spesiale Ontwikkeling Sone (SDZ) op 'n gedeelte van Cape Farm 1183, naby Kaapstad, Wes-Kaap, ondersoek. Die projek is geleë in die Atlantis Industriële Area, binne die Stad van Kaapstad Metropolitaanse Munisipaliteit in die Wes-Kaap Provinsie, ongeveer 40 km noord van Kaapstad. 'n Gekombineerde siklus gasturbine (CCGT) sal 'n siklus opset van verbranding turbines, hitte herstelling stoom kragopwekkers (HRSG), en stoom turbines gebruik om elektrisiteit op te wek.

Aansoek om omgewingsmagtiging om die volgende gelyste aktiwiteite te onderneem in terme van die Wet op Nasionale Omgewingsbestuur (NEMA, Wet 107 van 1998) OIS Regulasies 2014 (GK No. R.984 verwys):
OIS Aktiwiteite:

Lyskennisgewing 2: Aktiwiteite 2, 5, 6, 15.

Let wel: 'n Basiese Bestekstudie is voorheen gedoen op hierdie terrein en gevolglike Omgewingsmagtiging is toegestaan in 2013 vir 'n verskeie gelyste aktiwiteite onder NEMA (Wet 107 van 1998) OIS Regulasies 2010 (nie soortgelyk gelys soos hierbo aangedui nie).

Die CSIR is deur die projekaansoeker aangestel as die onafhanklike Omgewingsimpak Praktisyn om die OIS-proses en openbare deelname vir die projek te bestuur. Om te verseker dat u ingesluit is op die projekregister, asook om kwelpunte te opper vir insluiting in die Konsep Bestekstudie Verslag, word u vriendelik versoek om u belang in die projek te registreer en enige kommentaar wat u mag hê, te stuur aan die konsultant hieronder aangedui, binne 30 dae van hierdie kennisgewing. Verskaf asseblief u volle naam, volledige posadres, telefoonnommers, e-pos en dui aan:wat u area van belang en / of kommer is:

CSIR
our future through science

Ms Anne-Marie Taylor
CSIR
PO Box 320, Stellenbosch 7599
Phone 021 888 2661, Fax 021 888 2476
Email: ataylor@csir.co.za

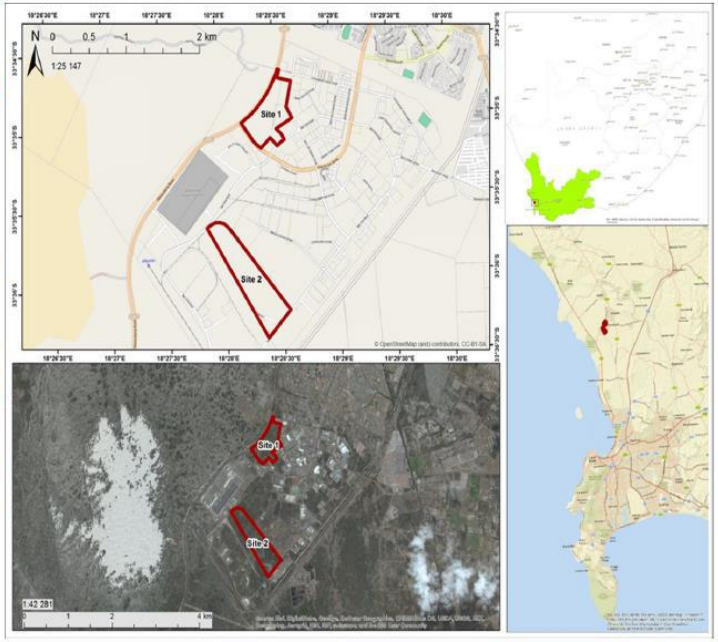


Figure 2: Locality of the Atlantis Gas-to-Power sites where the development is proposed.

Proof of Placement of Site Notice Boards (1)

GreenCape

KENNISGEWING VAN BESTEK- EN OMGEWINGSIMPAK STUDIE

CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD

CSIR verwysingsnommer: CSIR/CAS/EMS/ER/2015/0010/A

Projek Titel: Omgewingsimpak Studie (OIS) vir die voorgestelde Atlantis Gas-To-Power Projek, Deel 1 en 4 van Cape Farm 1183, Wes-Kaap

Projek Voorstel: Die Stad Kaapstad en GreenCape het die haalbaarheid van die ontwikkeling van 'n geïntegreerde kragprojek binne die Atlantis Spesiale Ontwikkeling Sone (SDZ) op 'n gedeelte van Cape Farm 1183, naby Kaapstad, Wes-Kaap, ondersoek. Die projek is geleë in die Atlantis Industriële Area, binne die Stad van Kaapstad Metropolitaanse Munisipaliteit in die Wes-Kaap Provinsie, ongeveer 40 km noord van Kaapstad. 'n Gekombineerde siklus gasturbine (CCGT) sal 'n siklus opset van verbranding turbines, hitte herstelling stoom kragopwekkers (HRSG), en stoom turbines gebruik om elektrisiteit op te wek.

Aansoek om omgewingsmagtiging om die volgende gelyste aktiwiteite te onderneem in terme van die Wet op Nasionale Omgewingsbestuur (NEMA, Wet 107 van 1998) OIS Regulasies 2014 (GK No. R.984 verwys):
OIS Aktiwiteite:

Lyskennisgewing 2: Aktiwiteite 2, 5, 6, 15.

Let wel: 'n Basiese Bestekstudie is voorheen gedoen op hierdie terrein en gevolglike Omgewingsmagtiging is toegestaan in 2013 vir 'n verskeie gelyste aktiwiteite onder NEMA (Wet 107 van 1998) OIS Regulasies 2010 (nie soortgelyk gelys soos hierbo aangedui nie).

Die CSIR is deur die projekaansoeker aangestel as die onafhanklike Omgewingsimpak Praktisyn om die OIS-proses en openbare deelname vir die projek te bestuur. Om te verseker dat u ingesluit is op die projekregister, asook om kwelpunte te opper vir insluiting in die Konsep Bestekstudie Verslag, word u vriendelik versoek om u belang in die projek te registreer en enige kommentaar wat u mag hê, te stuur aan die konsultant hieronder aangedui, binne 30 dae van hierdie kennisgewing. Verskaf asseblief u volle naam, volledige posadres, telefoonnommers, e-pos en dui aan:wat u area van belang en / of kommer is:

CSIR

Ms Anne-Marie Taylor
CSIR
PO Box 320, Stellenbosch 7599
Phone 021 888 2661, Fax 021 888 2476
Email: ataylor@csir.co.za

Figure 2: Locality of the Atlantis Gas-to-Power sites where the development is proposed.

GreenCape

NOTICE OF ENVIRONMNETAL IMPACT ASSESSMENT PUBLIC PARTICIPATION PROCESS

CITY OF CAPE TOWN ISIXEKO SASEKAPA STAD KAAPSTAD

PROJECT REFERENCE NUMBER: CSIR/CAS/EMS/ER/2015/0010/A

Project Title: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portion 1 and 4 of Cape Farm 1183, Western Cape

Project Proposal: City of Cape Town (i.e. the Project Applicant) in association with GreenCape is proposing to develop a CCGT facility for the generation of electricity from LNG. It is expected that following the Department of Energy's RFI and subsequent RFP for gas to power projects, it will play a significant role in South Africa's power generation mix. The site is currently part of the planned Special Economic Zone (SEZ) in Atlantis, focused on Greentech. The project is located in the Atlantis Industrial Area, within the City of Cape Town Metropolitan Municipality in the Western Cape Province, approximately 40 km north of Cape Town.

The following listed activities are relevant in terms of NEMA EIA Regulations 2014 (GN No. R.984 refers)::

Listing Notice 2: Activities 2, 5, 6, 15.

A Basic Assessment has been previously conducted on this site and consequent Environmental Authorization granted in 2013 for several listed activities under NEMA (Act 107 of 1998) EIA Regulations 2010 (not similarly listed as above).

CSIR has been appointed by the project applicant as the independent Environmental Assessment Practitioner to manage the EIA process and public consultation for the project. To ensure you are included on the project register as well as to raise issues and concerns for inclusion in the Draft Scoping Report, you are kindly requested to register your interest in the project and submit any comments you may have to the consultant indicated below within 30 days of this notification. Please provide your full name, full postal address, phone numbers, Email and state your area of interest and/ or concern to:

CSIR

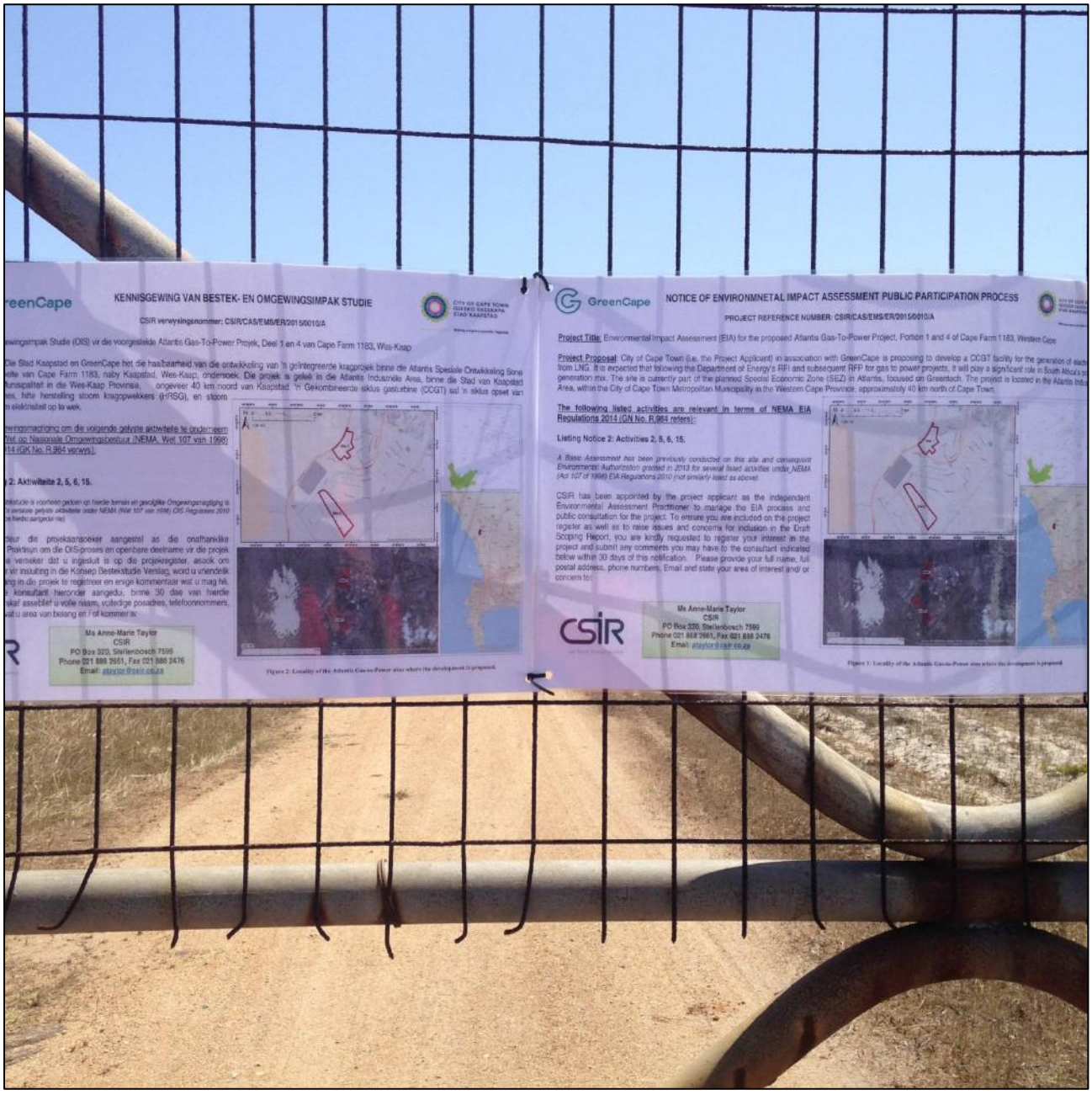
Ms Anne-Marie Taylor
CSIR
PO Box 320, Stellenbosch 7599
Phone 021 888 2661, Fax 021 888 2476
Email: ataylor@csir.co.za

Figure 1: Locality of the Atlantis Gas-to-Power sites where the development is proposed.

Location 1: Site Notice Board (Afrikaans and English) placed on the City of Cape Town Substation that exists on the site, which serves as one of the access routes to the project site (GPS co-ordinates of site notice: 33°36'4"S , 18°28'10"E)

CITY OF CAPE TOWN
FIRST-AID TREATMENT FOR ELECTRICAL ACCIDENTS
GIDEON BASSON
DANGER GEVAAR INGOZI
DANGER GEVAAR INGOZI
TEL: 0860 103 089

Proof of Placement of Site Notice Boards (2)



Location 2: Site Notice Board (Afrikaans and English) placed on the access gate to the project site on Niel Hare Road, Atlantis (GPS co-ordinates of site notice: 33°36'4"S , 18°28'10"E)

GreenCape

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

Making progress possible. Together.

DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT

Scoping and Environmental Impact Assessment for the proposed Atlantis Gas-to-Power facility on Portion 1 of Portion 4 of Cape Farm 1183, Western Cape

VERSION 2 OF MAY 2017

APPENDIX G:

Copies of comments from I&APs to date

1. Comments received following the release of the BID and prior to the release of the DSR

From: John Geeringh <GeerinJH@eskom.co.za>
To: Kelly Stroebel <KStroebel@csir.co.za>
Date: 07/09/2015 10:56
Subject: RE: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape
Attachments: IAP comment form.docx

Regards
John Geeringh (Pr Sci Nat)
Senior Consultant Environmental Management

Eskom GC: Land Development
Megawatt Park
D1Y39
P O Box 1091
Johannesburg
2000

Tel: 011 516 7233
Fax: 086 661 4064
Cell: 083 632 7663

From: Nicette Jorissen <Nicette.Jorissen@capetown.gov.za>
To: Osman Asmal <Osman.Asmal@capetown.gov.za>
CC: "KStroebel@csir.co.za" <KStroebel@csir.co.za>
Date: 07/09/2015 11:01
Subject: FW: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape
Attachments: I&AP comment form.docx; CofCT Greencape Atlantis EIA_BID_EMAIL VERSION.pdf

Good Morning Ossie
For your Attention.
Kind regards

Nicette Jorissen
Senior Secretary: Corporate Services and Compliance

4th Floor, Podium Block, Civic Centre
12 Hertzog Boulevard, Cape Town

Tel: 021 4277045 (a.m.)
Fax: 021 4001332
Nicette.Jorissen@capetown.gov.za<mailto:Nicette.Jorissen@capetown.gov.za>

From: "Glossop, Wayne" <wayne.glossop@wartsila.com>
To: Kelly Stroebel <KStroebel@csir.co.za>
Date: 07/09/2015 11:26
Subject: RE: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape
Attachments: I&AP comment form_Wartsila.docx

Good morning Kelly,

Thank you for sending this through and please find attached our completed letter showing Wartsila's willingness to participate in this process.

Kindest regards,
Wayne Glossop

Business Development Manager
Energy Solutions
Wärtsilä South Africa (Pty) Ltd.
Block A, Wedgefield Office Park, 17 Muswell Rd, Bryanston

Tel. +27 (0) 11 317 3640
Mob. +27 (0) 82 040 4778
E-mail: wayne.glossop@wartsila.com
www.wartsila.com<http://www.wartsila.com/>

From: Osman Asmal <Osman.Asmal@capetown.gov.za>
To: Nicette Jorissen <Nicette.Jorissen@capetown.gov.za>
CC: "KStroebel@csir.co.za" <KStroebel@csir.co.za>, Keith Wiseman <Keith.Wiseman@capetown.gov.za>
Date: 07/09/2015 16:20
Subject: RE: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape

Hi Nicette

Thanks, this has been actioned.

Best regards
Ossie

From: Rhett Smart <landuse@capenature.co.za>
To: Kelly Stroebel <KStroebel@csir.co.za>
Date: 10/09/2015 11:05
Subject: RE: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape

Dear Kelly

Please register CapeNature as an interested and affected party. Can you indicate the timeframes for comment on the BID?

Regards

Rhett

Good day Anne

With reference to the above you are requested to make a payment for R300 and submit Notification of Intend to develop , please find attached NID form and Banking Details .

Please use the case number as ref number when making payment :15091106

NB :It is essential that you ensure that the case number is used as the bank reference for any payment made to us. Failure to do so will determine that HWC regards your application as unpaid for and any payment made will be forfeit.

Ms Noluvo Toto
Heritage resource management
Department of Cultural Affairs and Sport
Western Cape Government

Protea Assurance building , Greenmarket Square, Cape Town, 8001

Tel: +27 21 483 9729
Fax: +27 21 483 9845
E-mail: Noluvo.Toto@westerncape.gov.za

Dear Anne

Please ignore previous case number below and use this one :15091103

Thanks
Noluvo

From: Rhett Smart <landuse@capenature.co.za>
To: <ataylor@csir.co.za>
CC: Kelly Stroebel <KStroebel@csir.co.za>, Andrew Turner <aaturner@capenature.co.za>
Date: 13/10/2015 14:39
Subject: BID: Atlantis Gas-to-Power Project
Attachments: 1183-0&4_gas power_Atlantis_20151013.pdf; CA1183-0_CA4-93_indust_Atlantis_20150428.pdf

Dear Anne-Marie

Please find attached comment from CapeNature on the background information document for the proposed Atlantis Gas-to Power project, Atlantis, Cape Town.

I have also attached comment from CapeNature confirming compliance with the offset condition for the authorisation of the Atlantis Green Technology Manufacturing Cluster industrial development which is also relevant to this application.

Regards

Rhett

Rhett Smart

Scientist: Land Use Advisor | Scientific Services

[image: cid:image001.jpg@01CB4DAB.1BACFFE0]

tel +27 21 866 8017 | *fax* +27 86 529 4992 | *cell* +27 72 835 8741

*email **rsmart@capenature.co.za <rsmart@capenature.co.za>* | *postal *Private Bag x5014 Stellenbosch 7599

physical Assegaaibosch Nature Reserve, Jonkershoek, Stellenbosch, 7599

www.capenature.co.za <http://www.capenature.co.za/>

SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries Rhett Smart
telephone +27 21 866 8017 **fax** +27 21 866 1523
email rsmart@capenature.co.za
reference SSD14/2/6/1/4/1/1183-0&4_gas power_Atlantis
date 13 October 2015

CSIR
P.O. Box 320
Stellenbosch
7599

Attention: Anne-Marie Taylor
By email: ataylor@csir.co.za

Dear Anne-Marie

Background Information Document for the Proposed Atlantis Gas-to-Power Project, Atlantis, Cape Town

CapeNature would like to thank you for the opportunity to comment on the proposed development and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the proposed development.

The proposed project entails the development of a closed cycle gas turbine power plant and associated infrastructure, and will be located within two potential sites which form part of the "Green Technology Manufacturing Cluster" industrial development within Atlantis.

These two sites have undergone applications to provide for industrial development rights and have both been authorised (DEA&DP reference numbers: 16/3/1/1/A1/2/3036/12 and 16/3/1/1/A1/2/3037/12). The applications were for the removal of indigenous vegetation and transformation of undeveloped land for industrial development, and therefore the impacts related to habitat loss associated with any individual developments within these sites were addressed in these applications.

CapeNature commented on the previous applications and our comments were adequately addressed and both applications were authorised. One of the conditions of approval, which was also considered as essential by CapeNature, was a biodiversity offset in order to compensate for the loss of biodiversity on the site. The condition of approval required that the applicant must engage with CapeNature in terms of securing the offset. A biodiversity offset has been secured and CapeNature has provided formal correspondence indicating that we are satisfied that the condition has been met (dated 28 April 2015).

The Department of Environmental Affairs and Development Planning has undertaken an audit of the projects and has confirmed compliance with the conditions of approval (22 September 2015). Subsequent to our correspondence, we have received a copy for review of the Integrated Reserve Management Plan for the subject biodiversity offset site, namely the Klein Dassenberg Nature Reserve.

As a result of the existing authorisations for the property which deal with the loss of habitat, which would be the primary impact on biodiversity, no further specialist studies related to biodiversity are proposed. CapeNature agrees with this however, we recommend that a

The Western Cape Nature Conservation Board trading as **CapeNature**
Board Members: Prof Gavin Maneveldt (Chairperson), Mr Carl Lotter (Vice Chairperson), Mr Mervyn Burton, Prof Francois Hanekom, Dr Bruce McKenzie, Ms Merle McOmbring-Hodges, Adv Mandla Mdludlu, Mr Danie Nel, Prof Aubrey Redlinghuis, Mr Paul Slack

description is provided of how these impacts have been addressed in the previous application.

An additional potential impact is the impact on avifauna as a result of the electricity transmission lines. Depending on the alignment and the length of these powerlines, an additional avifauna specialist study may be necessary, although existing studies could also be referred to.

As a general statement, CapeNature supports the implementation of technology that will reduce the emission of greenhouse gases, however we do not comment in detail on these aspects.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

Rhett Smart
For: Manager (Scientific Services)

CapeNature

SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries Rhett Smart
telephone +27 21 866 8017 **fax** +27 21 866 1523
email rsmart@capenature.co.za
reference SSD 14/2/6/1/4/1/CA1183-0_CA4-93_indust_Atlantis
date 28 April 2015

Department of Environmental Affairs and Development Planning
Western Cape Government
Private Bag X9086
Cape Town
8000

Attention: Taryn Maart
By email: taryn.maart@westerncape.gov.za

Dear Taryn

Condition of Approval for an Off-Site Offset for the Environmental Authorisation of the Following Two Projects:

- **"Green Technology Manufacturing Cluster" Industrial Development: Portion 0 of Farm CA1183 and Portion 93 of Farm CA4, Atlantis.**
  (DEA&DP ref: 16/3/1/1/A1/2/3037/12)
- **"Green Technology Manufacturing Cluster" Industrial Development: Portion 4 and Portion 1 of Farm CA1183, Atlantis.**
  (DEA&DP ref: 16/3/1/1/A1/2/3036/12)

CapeNature commented on the above two projects during the NEMA Basic Assessment process. The project was authorised and considered comments from CapeNature (and other authorities and interested and affected parties) and as such added the following condition (among others) for both projects:

17. The off-site biodiversity offset must be secured within 1 (one) year of the commencement of construction. The applicant must engage with CapeNature in this regard.

In response to high demand and need for development within the Atlantis urban edge, the City of Cape Town adopted a pro-active stance towards the conservation of the highly threatened biodiversity within the Atlantis district. The vegetation types are Endangered or Critically Endangered and there are remnants occurring within the urban edge.

The City of Cape Town therefore embarked on the Atlantis Industrial Incentives Scheme, which has also been termed a Land Banking Mechanism. The project entails pro-active purchase or obtaining of land for formal conservation, which then forms part of the land bank against which development of natural areas within the Atlantis urban edge can be used as a debit against the proactively secured land and therefore act as an incentive for industrial development within the Atlantis urban edge.

The above initiative has been endorsed by the Department of Environmental Affairs and Development Planning (ref. no. 17/1/2, dated 19 June 2014). CapeNature has also been consulted regarding the initiative.

The Western Cape Nature Conservation Board trading as **CapeNature**
Board Members: Prof Gavin Maneveldt (Chairperson), Mr Mico Eaton, Prof Francois Hanekom, Mr Carl Lotter, Dr Bruce McKenzie, Ms Merle McOmbring-Hodges, Adv Mandla Mdludlu, Mr Danie Nel

A site visit was undertaken by CapeNature (Land Use Advice and Botanist) of the first property that was acquired, namely Portion 9 of Farm 20, on 1 August 2014. We were able to confirm that the subject property consists of Critically Endangered Atlantis Sand Fynbos in very good condition with a low level of alien invasive species infestation (very rare within an urban context) and contains several Red Listed threatened species. The subject property is therefore suitable for offsetting the fragments of natural vegetation within the urban edge, which are more fragmented and heavily infested with alien invasive species, however still of conservation importance due to the threatened status and possibility of threatened species present, but unlikely to be viable in the long term.

CapeNature therefore is in support of the Atlantis Industrial Incentives Scheme. However, we wish to state that this initiative or similar should only be considered for replication if it meets several criteria and cannot become standard practice without meeting these criteria. A standard operating procedure (SOP) has been drafted and comments have been incorporated from the various relevant parties and is in the process of being signed off.

Within this context, the offset requirement for the two Green Technology Manufacturing Industrial Developments listed has been suggested to contribute to the debits for the AIIS. The two projects qualify in terms of the criteria, as they are both located within the Atlantis urban edge. CapeNature is therefore satisfied that condition 17 of the two EAs has been achieved.

A sub-set of conditions fall under condition 17 related to the compilation of a Conservation Environmental Management Plan (CEMP), namely 17.1 – 17.3. CapeNature has been informed that a CEMP is in the process of being compiled for the larger conservation area and will include all the requirements of the conditions as well as more background and detail regarding the project and the site. This CEMP will therefore also be relevant for any other offsets forming part of the AIIS. A copy of the CEMP should also be submitted to CapeNature.

Yours sincerely

Rhett Smart
For: Manager (Scientific Services)

cc: Morne Theron, City of Cape Town: Biodiversity Management Branch
Clifford Dorse, City of Cape Town: Biodiversity Management Branch
Andrew Turner, CapeNature
Rupert Koopman, CapeNature
Keshni Rughoobeer, Department of Environmental Affairs and Development Planning

The Western Cape Nature Conservation Board trading as **CapeNature**
Board Members: Prof Gavin Maneveldt (Chairperson), Mr Mico Eaton, Prof Francois Hanekom, Mr Carl Lotter, Dr Bruce McKenzie, Ms Merle McOmbring-Hodges, Adv Mandla Mdludlu, Mr Danie Nel

From: Bertus v Niekerk [mailto:bertus@mulilo.com]
Sent: 8 September 2015 13:46
To: 'ataylor@csir.co.za' <ataylor@csir.co.za>
Subject: Registration and Comments Form - Atlantis Gas-to-Power Project

Hi Anne-Marie,

Please find attached our Registration and Comments Form for the Atlantis Gas-to-Power Project.

Thank you

Vriendelike groete / Kind regards

Bertus van Niekerk

From: Craig Morkel <craig.morkel@ikapa-energy.co.za>
To: <ataylor@csir.co.za>
CC: Kelly Stroebel <KStroebel@csir.co.za>, Mthozami Xiphu <mthozami.xiphu@ikapa-energy.co.za>
Date: 22/09/2015 16:34
Subject: Re: Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-to-Power Project, Western Cape
Attachments: I&AP comment form - iKapa Energy.docx

Dear Anne-Marie

Please find attached the completed I&AP comment and registration form.

Warm regards

From: Sonia Miszczak
Sent: 11 August 2015 16:34
To: 'KStroebel@csir.co.za' <KStroebel@csir.co.za>
Cc: David Peinke <david@atlanticep.com>
Subject: I&AP for Gas2Power - Atlantis

Dear Kelly

Atlantic Renewable Energy Partners (Pty) Ltd) has an interest in the Gas2Power space and would please like to be registered as an interested and affected party for the EIA process currently being undertaken for Site 2 - Portion Cape Farm CA 1183 portion 4 portion 1, Atlantis (±38,65 hectares).

Please don't hesitate to contact me if you require more details.

Kind regards,

Sonia Miszczak
Analyst
Atlantic Renewable Energy Partners (Pty) Ltd

[cid:image002.png@01D0881B.BE1758C0]

Mobile: + 27 (0) 83 244 5861
Office: +27 (0) 21 418 2596
Fax: + 27 (0) 86 515 1466

Email: sonia@atlanticep.com<mailto:sonia@atlanticep.com>

101, Block A, West Quay Building
7 West Quay Road, Waterfront
Cape Town, 8000

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

ENERGY, ENVIRONMENT AND SPATIAL PLANNING DIRECTORATE
ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT

Morné Theron
Senior Environmental Practitioner

T: (021) 444 0601 F: (021) 444 0605
E: morne.theron@capetown.gov.za
Ref: BA 21/1/2/2/227

12 October 2015

The Director
Council for Scientific and Industrial Research (CSIR)
P.O. Box 320
STELLENBOSCH
7599

Attention: Ms A. Taylor

[e-mail: ataylor@csir.co.za]
Tel: 021 888 2661
Fax: 021 888 2473

Dear Madam

PORTIONS OF CAPE FARM 1183, ATLANTIS: BACKGROUND INFORMATION DOCUMENT FOR THE PROPOSED ATLANTIS GAS-TO-POWER PROJECT
[Unknown DEA Reference and DEA&DP Reference: 16/3/3/6/4/2/1/A1/2/3300/15]

The abovementioned Background Information Document (BID), dated August 2015, refers.

Kindly register the Environmental Resource Management Department: Blaauwberg District as the official City of Cape Town entry point for comment on the aforementioned EIA.

1. Be advised that the Environmental Resource Management Department (ERMD) is the duly mandated department to provide co-ordinated City comment on EIAs conducted within the municipality's jurisdiction. As Atlantis falls within the Blaauwberg District of the City your EIA must be submitted to this office for comment.

   [It is noticed that you also dispatched a BID to a number of other internal city departments. For the reason explained above you therefore do not need to circulate the EIA to other City departments]

2. In order for the City to meet the statutory commenting deadline(s) you are required to timeously submit 1 x CD and 1 x hard copy of the various Environmental Impact Assessment reports to this office before ERMD can circulate the draft scoping report to all our affected line departments. The public participation commenting period will be calculated from the date that this office receives the CD and hard copy. As such please ensure that the CD and necessary documentation is delivered to our physical address as stated below.

3. In the interim the following comment is provided based on the limited information that was provided in the BID:

   a. Please reflect the DEA reference number in all future correspondence.
   b. Please list the listed activities in terms of the NEMA Listing notices that environmental authorization is being required.
   c. Reflect the erf number(s) of the subject properties in future documentation. Site 1 being Remainder CFM 1183 and Portion 4 of CFM 93, whilst Site 2 consists of Portion 1 and 4 of CFM 1183.

d. The document is unclear as to what the project "*energy production and enable the benchmarking referred to as the Atlantis Gas-to-power Project*" entails, i.e. gas storage / pipeline or gas generation from waste products.
e. Be advised that Atlantis is about 35-40 km from Cape Town, not 53km as stated in the BID.
f. The BID states that the facility will generate 1500mW (milliwatt). It is questioned whether the BID should not read 1500 MW (megawatt)? Please confirm the correct anticipated generation output.
g. 1500MW is an enormous amount of power requiring an enormous amount of servitude space. The Lack of servitude access could be a fatal flaw it not identified and resolved timeously. It is therefore requested, in scoping the preferred site, that the viability of the required gas pipelines and transmission power lines servitude(s) routes, as well as the power lines connection routes into the national grid, be assessed.

h. The two site alternatives are zoned for General Industry (GI 1) use where the following land use restrictions apply:

(a) Primary uses are industry, restaurant, service station, motor repair garage, funeral parlour, scrap yard, authority use, utility service, crematorium, rooftop base telecommunication station, freestanding base telecommunication station, transport use, multiple parking garage, agricultural industry, private road, open space and additional use rights as listed in paragraph (b).
(b) Additional use rights are factory shop and adult shop, subject to the provisions of items 71 and 72, whichever is applicable.
(c) Consent uses are abattoir, place of worship, institution, clinic, place of assembly, adult entertainment business, adult services, aqua-culture, informal trading, shop, office, sale of alcoholic beverages, place of entertainment, helicopter landing pad, wind turbine infrastructure and container site.

Floor factor:	1.5
Height:	18m
Street boundary building line:	5 m, subject to the general building line encroachments in item 121.
Common boundary building line:	3 m, subject to the general building line encroachments in item 121.

S(69) Hazardous substances Notwithstanding the fact that an activity constitutes a primary use right in terms of the GI zoning, no activity or use which includes the on-site storage of hazardous substances shall be permitted unless a risk management and prevention plan has been submitted and the City has given approval thereto.

Kindly note that following in regard of the **Risk Industry (RI) zone**:
The RI zoning provides for those industries which are noxious in terms of smell, product, waste or other objectionable consequence of their operation, or which carry a high risk in the event of fire or accident. While other uses are permitted with approval, the City should not compromise the capacity of the RI zoning to accommodate noxious trade and risk activities.

'**risk activity**' means an *undertaking where the material handled or the process carried out is liable to cause combustion with extreme rapidity, give rise to poisonous fumes, or cause explosion, and includes major hazardous installations and activities involving dangerous and hazardous substances that are controlled in terms of national legislation;*
'**noxious trade**' means *an offensive, poisonous or potentially harmful trade, use or activity which, because of fumes, emissions, smell, vibration, noise, waste products, nature of material used, processes employed, or other cause, is considered by the City to be a potential source of danger, nuisance or offence to the general public or persons in the surrounding area;*

If the Atlantis Gas-to-power Project is more suited to a "risk activity", then Site 2 located in the Atlantis Industrial Risk Industry zone, might be the more suitable site alternative. The

2

proposed project activities and its zoning implications/suitability in terms of the General Industry or Risk Industry zones must be clarified in the draft scoping report.

i. The two site alternatives are situated between the 5 – 16km Urgent Protective Action Planning Zone (UPZ) boundary of the Koeberg Nuclear Power Station (KNPS). Attached please find Figure 1 indicating the location of Site 1 & 2 Atlantis Industrial in relation to the UPZ. The Disaster Risk Management Centre (DRMC) is the custodian (on behalf of the City of Cape Town) for the execution of the Koeberg Nuclear Power Station Radiological Release Hazard Disaster Risk Management Plan (RRR) and is tasked with the responsibility of ensuring that the public safety arrangements are in place in the case of a nuclear emergency and that individual citizens are not endangered with particular emphasis on the population residing in the UPZ of the 0 – 16km area from the KNPS. In light of the aforementioned, the DRMC require the following:
    i. That a risk assessment and emergency / evacuation management plan for the Gas-to-Power project (during the construction and operational phases) be compiled;
    ii. That it be confirmed whether the proposed development will be classified as a Major Hazard Installation (MHI) and, if confirmed, to adhere to the relevant Regulation requirements from the National Department of Labour; and
    iii. That this application be tested against the Koeberg Nuclear Power Station Traffic Evacuation Model (TEM). In order to the TEM model to be run the anticipated population increase of each alternative must be stipulated in the proforma table below and included in the various scoping- and environmental impact assessment reports.

PLEASE SPECIFY TYPE OF LAND USES: (DWELLINGS (LOW COST, GAP, MARKET RELATED), INDUSTRIAL, RETAIL, OFFICE, SCHOOL, COMMUNITY, ETC. -	SG CODE OR X, Y – COORDINATES	(GLA m^2) / NR OF DWELLING UNITS / HOUSEHOLDS	INCOME GROUP (LOW/ MIDDLE/ HIGH FOR TYPE OF LAND USE):	POP INCREASE FROM INSIDE UPZ (Residents / Workers/ Other occupants)	POP INCREASE FROM OUTSIDE UPZ (Residents / workers / Other occupants)

j. The proposed specialist studies, being Atmospheric emissions, Noise Impact, Visual Impact, Socio-economic and Heritage (e.g. archaeology) is acknowledged. However the subject sites were assessed, amongst other, in terms of a Paleontological and Archaeological studies in 2012 that formed part of the Green Technology Manufacturing Cluster Industrial Development EIA process (DEA&DP References: 16/3/1/1/A1/2/3036/12 and 16/3/1/1/A1/2/3037/12) as compiled by *Doug Jeffery Environmental Consultants*. The information of the said studies is still current as such the need to unnecessarily repeat these studies is questioned?

k. Please refer to the existing Environmental Authorizations that has been issued by DEA&DP in relation to each of the two site alternatives on 16 January 2013. It is worthy to note that the off-site biodiversity offset imposed on the two sites has subsequently been secured by the City of Cape Town in accordance with the Atlantis Biodiversity Landbank incentive scheme. As such the need for a Botanical Assessment is not required.

l. Both proposed sites fall within secondary protections zones of and buffer zones to one of the Atlantis Aquifer compartments. Kindly refer to the Groundwater Protection Zone Illustration attached as Annexure A. This aquifer serves as a critical water resource supplying part of Cape Town's water requirements and thus adequate precautions must be taken to prevent contamination of the groundwater and negative impacts on the natural recharge of the aquifer. It is critical to take cognizance of the ground infiltration of any generated stormwater. Stormwater management shall thus be in accordance with the Policy for Water Sensitive Urban Design and the stormwater system design philosophy employed at Atlantis, and the design for this shall be submitted to the Atlantis Aquifer Management Team (via the City of Cape Town: Bulkwater Branch) for acceptance prior to implementation.

3

m. Although the BID indicates that the inclusion of gas pipelines falls outside of the scope of this EIA, it is to be noted that any additional components throughout the development of this EIA shall be submitted to the City of Cape Town: Bulkwater Branch for comment or approval as is necessary.
n. As no anticipated water demands (i.e. AADD, peak week average daily demand) were provided, the Bulk Water Branch is unable to confirm whether or not the City of Cape Town's bulk supply system has sufficient water resource, treatment, bulk storage and conveyance capacity to supply the proposed gas-to-Power project. The AADD must therefore be included in the subsequent EIA phases.
o. The availability of the required pressure and flow from the local water reticulation network, and point of connection off the reticulation network to supply the proposed gas turbine must be confirmed with the relevant Area Manager of the Reticulation Branch of the Water & Sanitation Department.

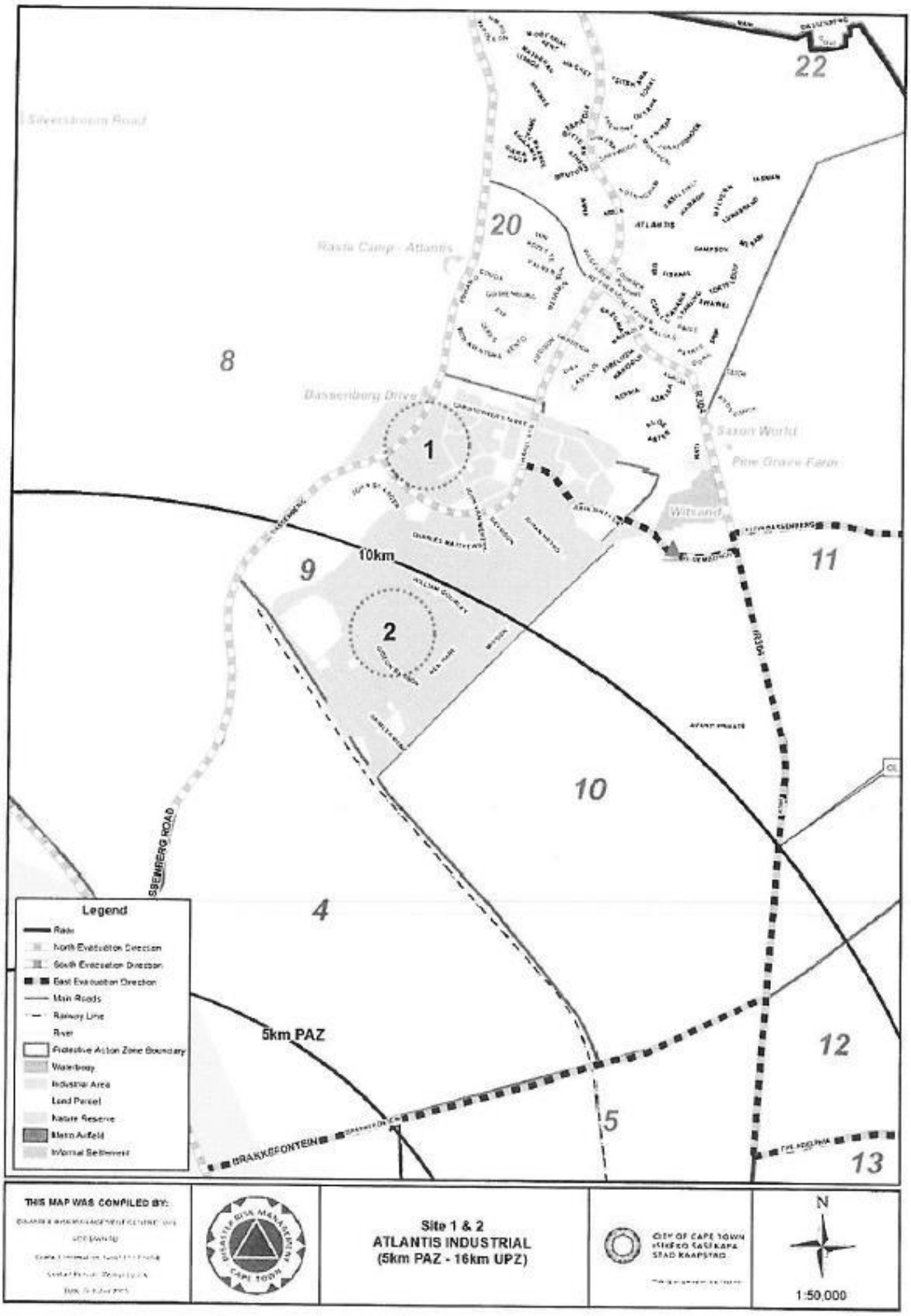
The abovementioned comment must be included in the draft Scoping Report. Kindly submit the draft Scoping Report (once available) to this office in the form of 1 x hard copy and 1 x CD version.

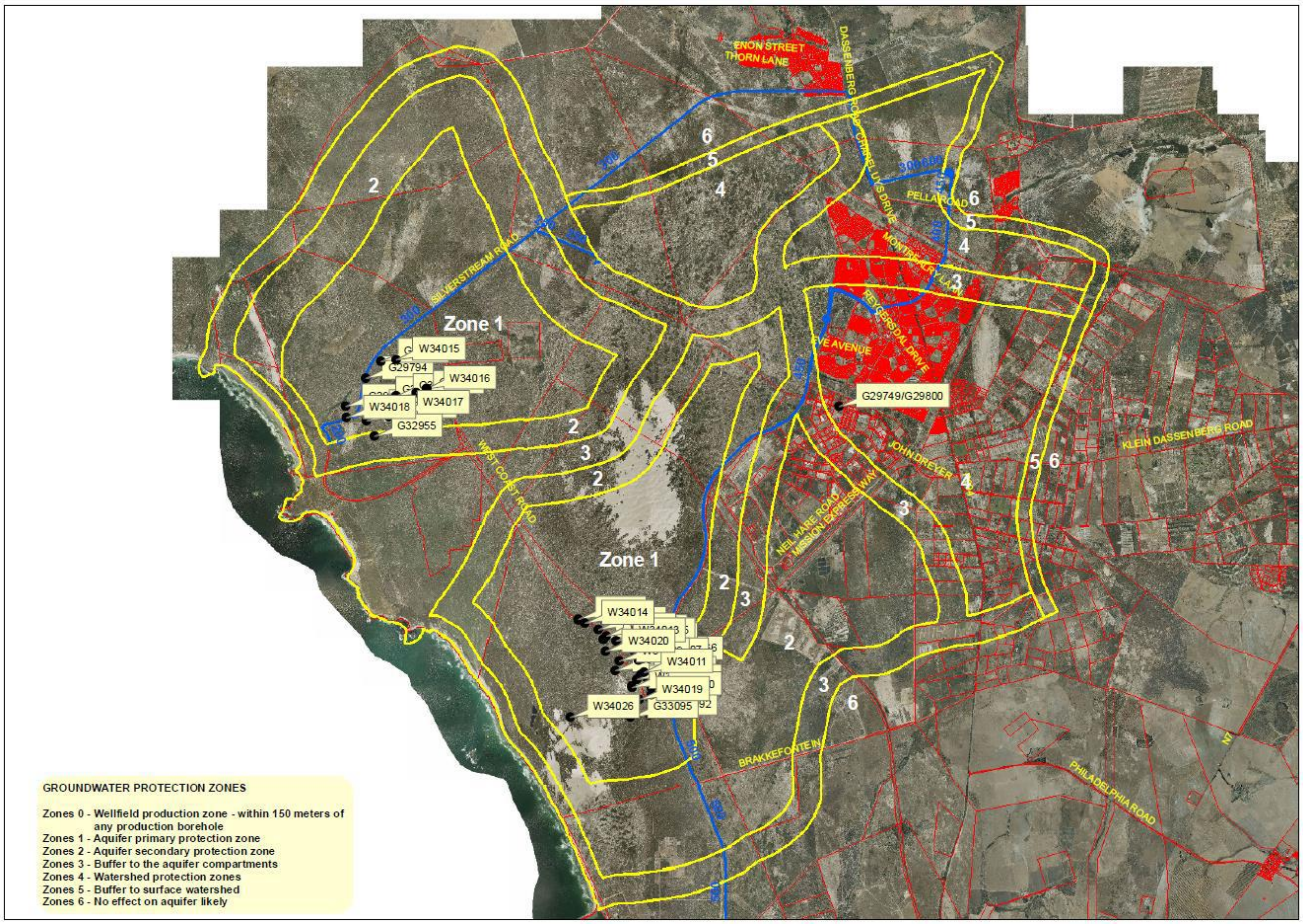
Yours faithfully

PAT TITMUSS
REGIONAL MANAGER: ENVIRONMENTAL & HERITAGE MANAGEMENT: Northern Region (Blaauwberg District)

4

FIGURE 1


22
20
8
1
9
10km
2
11
10
4
5km PAZ
12
5
13
SBENBERG ROAD
BRAKKEFONTEIN
Legend
Rails
North Evacuation Direction
South Evacuation Direction
East Evacuation Direction
Main Roads
Railway Line
River
Protective Action Zone Boundary
Waterbody
Industrial Area
Land Parcel
Nature Reserve
Mamo Airfield
Informal Settlement
THIS MAP WAS COMPILED BY:
Site 1 & 2
ATLANTIS INDUSTRIAL
(5km PAZ - 16km UPZ)
N
1:50,000



From: Nini Mtongana <nmtongana@sahra.org.za>
To: <ataylor@csir.co.za>
Date: 12/10/2015 10:42
Subject: Proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape
Attachments: SAHRIS Case APPLICATIONS.pdf

Good morning Mrs Taylor

Thank you for your applications for the above mentioned case . Please note that as from 01 April 2013 , SAHRA no longer accepts any hard copy sub missions, or sub missions via e-mail. All sub missions for which SAHRA comment is requested, must be done via our online information system - the South African Heritage Resources Information System (SAHRIS). Attached please find instructions on how to register on SAHRIS and how to create a case for your project on SAHRIS.

Regards

Ms Nini Mtongana
Administrative Officer
Archaeology, Palaeontology & Meteorites Unit
South African Heritage Resources Agency (SAHRA)
PO Box 4637, Cape Town 8000, South Africa
Email: nmtongana@sahra.org.za
Phone: +27 (0) 21 4624502/ 2028632
Fax: +27 (0) 21 4624509

From: "Coetzee, Esca (E)" <esca.coetzee@sasol.com>
To: "Coetzee, Esca (E)" <esca.coetzee@sasol.com>, "ataylor@csir.co.za" <ataylor@csir.co.za>
Date: 12/10/2015 09:01
Subject: IAP registration
Attachments: IAP comment form Green cape.docx

Good day Anne Marie

I would like to register please. Please find attached my registration form.

Can you please tell me where in the process are the project and if a BID is available at this stage?

Regards

[cid:image001.png@01D104CB.7A9A74B0]
33 Baker Street, Rosebank, 2196
PO Box 5486, Johannesburg, 2000
www.sasol.com<http://www.sasol.com/>

Esca Coetzee
Senior Environmental Scientist
Engineering Services: Environmental Engineering
Group Technology

Tel

+27 11 344 0049

Fax

+27 11 522 1175

Mobile

+27 82 875 6800

E-mail

Esca.coetzee@sasol.com

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

August 2015

Name: Craig Morkel	**Telephone:** 0849023032
Organisation: iKapa Energy (Pty) Ltd	**Fax:** 0865104337
ID number: 6711105520080	**Email:** craig.morkel@ikapa-energy.co.za
Physical address: Mezzanine Floor, 40 Burg Street, Cape Town, 8001	**Postal address:** Mezzanine Floor, 40 Burg Street, Cape Town, 8001

***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process		
YES		
Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:		
Yes, iKapa Energy is a Independent Power Producer (IPP) Project Developer who has applied to lease / purchase a portion of Site 2, as per Basic Information Document (BID) for the purposes of gas-fired power generation facilities and related intended uses.		

Please describe any issues or concerns you think should be considered during the EIA process
Gas Supply, incl. gas handling, storage, distribution / reticulation pipelines and processing.
Early Power Generation by means of Open Cycle Gas Turbines (OCGT), incl. GHG abatement.
Power Generation by means of Combined Cycle Gas Turbines, possibly incl. further GHG abatement.
Phased water requirements (demand) vs. sources (supply) for construction & operations of OCGT & CCGT.
Servitudes for closest grid connection points at Ankerlig, Dassenberg, Omega/Sterrekus, etc.
Extension of Gideon Basson St along existing servitude to Neil Hare (north) for construction & operations.
Use of the adjacent rail siding (owned by City of Cape Town or Transnet?) along eastern boundary.
Possible need to sub-divide Site 2 for separate intended uses & to avoid land sterilization.

Please provide details of any other individuals or organisations that should be involved:

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

August 2015

Name: Ian Gildenhuys	**Telephone: 021 5905200**
Organisation: City of Cape Town: Air Quality Management Unit	**Fax:**
ID number: 6411295108081	**Email: Ian.Gildenhuys@capetown.gov.za**
Physical address: 246 Voortrekker Road , Vasco	**Postal address: Po Box 2815** **Cape Town** **8000**

***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process		
YES	Yes register as an I,A & P	**NO**

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:
Yes, as Air Quality Officer for the City, I have a professional interest in the application.

Please describe any issues or concerns you think should be considered during the EIA process
The activity triggers the need for an Atmospheric Emission LicenceNEM:AQA Listing Notice 893 of 2013, Category 1 – Combustion Installation, Sub-Category 1.4 Gas Combustion Installation (if the 50 Megawatt heat input thermal is triggered); and possibly Category 2 – Petroleum Industry Sub-Category 2.4 Storage and Handling of Petroleum Products (if the thresholds are exceeded).
If this is a City owned project the competence to issue the AEL in terms of the NEM: Air Quality Amendment Act, will in all likelihood rest with the WCG DEADP (See S36(4) of NEMAQA) or potentially National DEA (see below S36(5)) – the legal interpretation is still a bit vague in this regard. ""(5) Notwithstanding subsections (1) to (4), the Minister is the licensing authority and must perform the functions of the licensing authority if— *(a)* a provincial organ of state, which has been delegated the power to perform the licensing authority function in terms of subsection (2) by the metropolitan or district municipality, applies for an atmospheric emission licence; *(b)* the listed activity falls within the boundaries of more than one province; *(c)* the listed activity forms part of a matter declared as a national priority in terms of a Cabinet decision and notice referred to in section 24C(2B) of the National Environmental Management Act, 1998, as amended by the National Environmental Management Laws Second Amendment Act, 2013;

(d) the listed activity relates to the activities listed in terms of section 24(2) of the National Environmental Management Act, 1998, or in terms of section 19(1) of the National Environmental Management: Waste Act, 2008, or the Minister has been identified as the competent authority; or *(e)* the listed activity relates to a prospecting, mining, exploration or production activity as contemplated in the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), in the area for which the right has been applied for, and the Minister responsible for mineral resources has been identified as the competent authority in terms of section 24C of the National Environmental Management Act, 1998. (6) For the purposes of subsection (5)*(d)*, the Minister, as the competent authority empowered under section 24C(2) of the National Environmental Management Act, 1998 and as the licensing authority empowered under section 43(1) of the National Environmental Management: Waste Act, 2008, may issue an integrated environmental authorisation for the activities listed under section 24(2) of the National Environmental Management Act, 1998 and section 19(1) of the National Environmental Management: Waste Act, 2008."
A full EIA with Specialist Air Quality Study including Atmospheric Dispersion Modelling would be required.

Please provide details of any other individuals or organisations that should be involved:

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

Sibulele Mdingi August 2015

Name: ~~Justine Wynnaardt~~	**Telephone:** 021 980 3686 / 0839896350
Organisation: Eskom Holdings	**Fax:** 021 980 3063
ID number: 8705251202087	**Email:** MdingiS@eskom.co.za
Physical address: Eskom Road, BRACKENFELL 7560	**Postal address:** PO BOX 222, Brackenfell 7561

***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process

YES YES, as the proposed is near an Eskom line. **NO**

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

Business interest

Please describe any issues or concerns you think should be considered during the EIA process

The proposed facility is near an ESKOM distribution infrastructure, 132 kV line.

Please provide details of any other individuals or organisations that should be involved:

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

August 2015

Name: Bertus van Niekerk	**Telephone:**
Organisation: Mulilo Thermal Project Developments	**Fax:**
ID number: 8502145247083	**Email:**
Physical address: 303c Execujet Business Centre Tower Road Cape Town International Airport South Africa, 7525	**Postal address:** PO Box 50 Cape Town International Airport South Africa 7525

***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process		
YES		~~NO~~

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:
Business Interest, developer of natural gas power plants and interested in participating in this project.

Please describe any issues or concerns you think should be considered during the EIA process

Please provide details of any other individuals or organisations that should be involved:
Jannie Mueller – jannie@mulilo.com

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

August 2015

Name: Des Brasington	**Telephone:**0827792087
Organisation: Atlantic Energy partners	**Fax:**0865395617
ID number:6108015217081	**Email:**des@atlanticep.com
Physical address:7 West Quay rd, 1st floor Block A – 101 West Quay building, Waterfront 8001	**Postal address:** po Box 44 Riebeek West 7306

***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process		
YES	yes	**NO**

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:
Atlantic Energy are involved in the gas to power project and I simply want to be kept updated on what is happening with this proposed project.

Please describe any issues or concerns you think should be considered during the EIA process

Please provide details of any other individuals or organisations that should be involved:

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

Environmental Impact Assessment (EIA) for the proposed Atlantis Gas-To-Power Project, Portions of Cape Farm 1183, Western Cape

REGISTRATION AND COMMENTS FORM

August 2015

Name: Des Brasington	**Telephone:**0827792087
Organisation: Atlantic Energy partners	**Fax:**0865395617
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***Please note, you will not be registered for the project if you do not provide a valid physical address and ID number.**

Please indicate if you want to register as an Interested and Affected Party. Registration is required in order to receive further correspondence during the EIA process		
YES	yes	**NO**

Please indicate if you have any interest (business, financial, personal or other) in the application for environmental authorisation:

Atlantic Energy are involved in the gas to power project and I simply want to be kept updated on what is happening with this proposed project.

Please describe any issues or concerns you think should be considered during the EIA process

Please provide details of any other individuals or organisations that should be involved:

Please submit this ***Registration & Comments Form*** to:

Anne-Marie Taylor
CSIR
P O Box 320,
Stellenbosch, 7599
Tel: 021 888 2661
Fax: 021 888 2473
E-mail: ataylor@csir.co.za

From: Des <des@atlanticep.com>
To: "ataylor@csir.co.za" <ataylor@csir.co.za>
Date: 08/09/2015 09:50
Subject: IAP Registration
Attachments: IAP comment form.docx

Dear Anne-Marie
Could you please register me as an in IAP.
We are currently involved in this field and would like to be kept updated on the progress of your specific project.
We have met with both Rudolph du Toit and Kelly Stroebel regarding gas to power projects.

regards

Des Brasington

Manager: stakeholder relations

Atlantic Renewable Energy Partners (Pty) Ltd

[cid:399392643810411830657 9@d41d8cd98f00b204e9800998ecf8427e]

Mobile: + 27 (0) 82 77 92 087
Fax: + 27 (0) 86 539 5617

Email: des@atlanticep.com

1st Floor, West Quay Building
7 West Quay Road, Waterfront
Cape Town, 8000

2. Comments received following the release of the Draft Scoping Report (10 December 2015), prior to release of this Final Scoping Report.

Dear Ms. Stroebel

I herewith acknowledge receipt of your correspondence dated 07 December 2015.12.22

It is noted in your correspondence that the period of 15 December 2015 to 3 January 2016 has been excluded from the 30-day commenting period. Your attention is drawn to Regulation 3(2) of GN No. R.982 of 04 December 2014, which states "*for any action contemplated in terms of these Regulations for which a timeframe is prescribed, the period of 15 December to 05 January must be excluded in the reckoning of days".*

Please note that this Department requires a hardcopy of the report.

Kind regards

Mische Engelbrecht

Development Management – Region 1

Development Planning

Department of Environmental Affairs and Development Planning

7th Floor, Utilitas Building

1 Dorp Street

Cape Town

8001

Tel: 021 483 0794

Fax: 021 483 4372

E-mail: Mische.Engelbrecht@westerncape.gov.za

Website: www.westerncape.gov.za/eadp

Dear Ms Stroebel

With reference to the above you are requested to make a payment of R300 and submit a NID .

Your case number is : 16012117

NB :It is essential that you ensure that the case number is used as the bank reference for any payment made to us. Failure to do so will determine that HWC regards your application as unpaid for and any payment made will be forfeit.

Ms Noluvo Toto

Heritage resource management

Department of Cultural Affairs and Sport

Western Cape Government

Protea Assurance building , Greenmarket Square, Cape Town, 8001

Tel: +27 21 483 9729

Fax: +27 21 483 9845

E-mail: Noluvo.Toto@westerncape.gov.za

From: Xenthia Smith <Xenthia.Smith@westerncape.gov.za>
To: "kstroebel@csir.co.za" <kstroebel@csir.co.za>
Date: 25/01/2016 09:02
Subject: Proposed Atlantis Gas-to-Power Facility on Portion 1 of Portion 4 of Cape Farm 1183.

Dear Kelly

We received the Scoping Report of the above-mentioned application to comment on. Could we please be offered an extension of the due date (2 February) to the 12 February 2016? The reason for the extension request is that due to operational commitments, the comments might take longer to be signed off by the necessary managers. We would of course try our best to aim for the original deadline, but we'd rather err on the side of caution.

Kind Regards,
Xenthia Smith
Sub-directorate: Pollution Monitoring & Information Management
Directorate: Pollution & Chemicals Management
Department of Environmental Affairs and Development Planning

1st Floor, Property Center, 1 Dorp Street, Cape Town

CapeNature

SCIENTIFIC SERVICES

postal Private Bag X5014 Stellenbosch 7599
physical Assegaaibosch Nature Reserve Jonkershoek
website www.capenature.co.za
enquiries Rhett Smart
telephone +27 21 866 8017 **fax** +27 21 866 1523
email rsmart@capenature.co.za
reference SSD14/2/6/1/4/1/1183-0&4_gas power_Atlantis
date 1 February 2016

CSIR
P.O. Box 320
Stellenbosch
7599

Attention: Kelly Stroebel
By email: kstroebel@csir.co.za

Dear Kelly

Draft Scoping Report for the Proposed Atlantis Gas-to-Power Project on Portion 1 of Portion 4 of Cape Farm 1183, Atlantis, Cape Town
(CSIR ref. no.: CSIR/CAS/EMS/ER/2015/0010/A)

CapeNature would like to thank you for the opportunity to comment on the proposed development and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the proposed development.

The proposed development entails the acquisition of development rights to develop a gas power project, which will then be provided to an independent power producer. CapeNature did comment on the background information document (BID) for the proposed project, in which we discussed the biodiversity offset process that has been undertaken as part of an approval process for both of the alternative sites for the proposed development.

As a result of the biodiversity offset process described above, the impacts on biodiversity, specifically with respect to loss of habitat were addressed. In terms of the specialist studies proposed for the EIA Phase, there are none related to biodiversity, which CapeNature agrees with due to existing approvals for the properties, along with the biodiversity offset.

CapeNature does however recommend that the EIA Report must include a thorough description of how these impacts have been addressed through the previous application and associated biodiversity offset process. Reference can be made to the previous studies and subsequent negotiations. This has been briefly described in Section 3.3.8 of the Draft Scoping Report.

In terms of the description of potential freshwater features on the proposed properties, this has been included under 3.3.4 Agricultural Capability and Sensitivity. Reference was made to the botanical specialist study undertaken for the previous approval.

As referred to, the only wetland mapped by NFEPA is the artificial stormwater pond in the south west of Site Alternative 2. However, the Biodiversity Network for the City of Cape Town also mapped a natural wetland in the centre of Site 2. The botanical specialist ground-truthed this feature for the previous study, and only encountered a grassy area with aliens and did not identify it as a wetland. It is assumed that this was based on the species

The Western Cape Nature Conservation Board trading as **CapeNature**
Board Members: Prof Gavin Maneveldt (Chairperson), Mr Carl Lotter (Vice Chairperson), Mr Mervyn Burton, Prof Francois Hanekom, Dr Bruce McKenzie, Ms Merle McOmbring-Hodges, Adv Mandla Mdludlu, Mr Danie Nel, Prof Aubrey Redlinghuis, Mr Paul Slack

composition. The botanical specialist did however identify another small stormwater detention excavation on Site 2.

Based on the above information, CapeNature is satisfied that a freshwater specialist study is not required, as the small excavation is not natural or of noteworthy biodiversity value. However, the stormwater management on the site could potentially impact on the groundwater, and ultimately freshwater features, therefore it must be ensured that stormwater management is adequately addressed. While it is acknowledged that a detailed stormwater management plan cannot be designed yet, as there are no detailed project plans yet either, sufficient information must be provided indicating the overall plans for stormwater management and placement of detention ponds.

While a biodiversity offset has been obtained for the entire property for both alternative sites, therefore implying complete loss of habitat, the design of the facility should still be informed by the all of the studies undertaken to date and provide general guidelines.

It is noted that Site 2 was selected as the preferred alternative, based on socio-economic factors. As described above both sites were offset therefore, the terrestrial biodiversity impacts can be considered equivalent. Site 2 does however have the presence of the stormwater ponds, therefore it must be ensured that this aspect is adequately addressed.

CapeNature had mentioned in our comments on the BID that the impact on avifauna on the connecting powerlines must be addressed. It is noted that connecting powerlines have not been included as part of this application.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

Rhett Smart
For: Manager (Scientific Services)

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

ENERGY, ENVIRONMENT AND SPATIAL PLANNING DIRECTORATE
ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT

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Ref: BA 21/1/2/2/227

2 February 2016

The Director
Council for Scientific and Industrial Research (CSIR)
P.O. Box 320
STELLENBOSCH
7599

Attention: Ms A. Taylor

[e-mail: ataylor@csir.co.za]
Tel: 021 888 2661
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Dear Madam

PORTIONS OF CAPE FARM 1183, ATLANTIS: SCOPING REPORT FOR THE PROPOSED ATLANTIS GAS-TO-POWER PROJECT
[Unknown DEA Reference and DEA&DP Reference: 16/3/3/6/4/2/1/A1/2/3300/15]

The abovementioned Scoping report, dated December 2015, refers.

Below please find the consolidated comment of the City of Cape Town on the above mentioned report:

1. City of Cape Town: Utilities Directorate: Electrical Services (Brian Jones / Edgar Capes)

   1.1 There is no reference to the suitability of the proposed site regarding the likelihood of establishing a servitude/land access for both the LNG gas pipeline and the powerline right to the site. The report does mention that these would be subject to separate EIA's but surely these cannot be ignored in this report completely. When considering alternative sites the aforementioned becomes material for the obvious reason that if one cannot physically get adequate access for the pipeline and the powerline (Note: the powerline alone would need a servitude of something like 40 m width) there will not be a viable project.
   1.2 Positioning the generation in Atlantis makes sense, but positioning 1 500 MW there means infrastructure, or wheeling costs, will be required, or incurred.
   1.3 Utilizing 400 MW blocks is perhaps not the best option, if Eskom already utilize 150 MV units. Keeping the units to this same size will have economies of scales for maintaining them. The same argument goes for the step-up transformers and the LV Circuit breakers (8 000 A CB at 11kV, 4000 A CB at 22kV). At 400 MW the LV Circuit breakers become extremely specialized and expensive.
   1.4 Provision should be made to enable the steam also to be sold.
   1.5 Activity 2 listed in GN R984 (Listing Notice 2) clearly includes the infrastructure to connect the generators to the Eskom Omega substation, but this has not been included in the EIA. This is a fundamental flaw in the Branch's opinion as the connection infrastructure may need to be routed via very elaborate routes to avoid environmentally sensitive surrounding areas and will definitely need to be considered as part of the study. Eskom had serious issues getting EIA for the proposed replacement of the 400 kV Koeberg NPS GIS switchgear.
   1.6 The report is unclear as to whether the proposal is to connect to the Ankerlig power station's busbar or to the Omega/Sterrekus substation? Comment from Eskom must be included to

confirm whether the Utility provider would indeed accept this connection. The Branch indicated that the Nuclear Regulator might have a problem with customer connections on the Ankerlig busbar as it will be the black-start supply for Koeberg and regulations would prohibit this. The Branch is therefore of the opinion that Eskom must be approached in order to get a high level indication of whether it is possible or not (at either points.) The aforementioned is a vital part of the impact assessment which, if ignored as Eskom did during their Erica project, could result in significant challenges.

1.7 Chapter 1, Introduction, Section 1.2.1 *Need and Desirability, Item 4* (pg 1-7): The impact of distributing 1 500 MW of power from the site to Omega/Sterrekus substation must be discussed. This infrastructure does not exist. In light of the Eskom cash crisis it would also be best to do a "self-build" where the City of Cape Town do the design and build and hand over to Eskom. This is done in most of the private renewable projects now which saves time and money.

1.8 Chapter 2, Project Description, Section 2.2.5 *Power Evacuation and associated infrastructure* (pg 2-8): The current infrastructure is designed for 200 MW, so transporting 1 500 MW is a significant increase, and can only really be done at 400 kV. It is essential to discuss connection points with Eskom as mentioned above. New lines will have to undergo the same EIA as this one, so this EAI should include these at a high level. Two 400 kV lines will require a 100 m servitude (assuming 2 separate lines) or about 60m on a combined multiline tower.

1.9 Chapter 6, Project Alternatives, Section 6.4 *Location Alternatives* (Pg 6-6): Why are other sites closer to major load centers not considered (e.g. Wingfield)?

2. <u>City of Cape Town: Utilities Directorate: Water & Sanitation</u> (Mr J du Bruyn)

2.1 No service demands related to a land use breakdown have been provided. Hence the current comment provides an over view of the current infrastructure capacity and does not address the impact the development may have on the infrastructure. On receiving the water demand Annual Average Daily Demand (AADD) as well as the estimated sewage discharge (Average Dry Weather Flow or ADWF), both measured in kl/day, the comment can be expanded.

2.2 A services report should indicate planned pipeline routes so that the physical impact on existing services infrastructure can be determined.

Water Reticulation

2.3 The reticulation system in the vicinity currently has spare capacity w.r.t. residual pressure and flow. The water demand is required in order to determine whether it can be serviced.

Sewer Reticulation

2.4 The proposed development is situated in the catchment of Gideon Basson 2 Pump Station, which pumps to Wesfleur Industrial Wastewater Treatment Works. This reticulation system in the vicinity currently has relative spare capacity w.r.t. flow. The sewage flow is required in order to determine whether it can be serviced.

Bulk Water

2.5 Determination of water resource availability is again dependant on the AADD being available. Additional information on pipeline routes is required in order to determine the possible impact on stormwater recharge system to aquifer.

Wastewater Treatment

2.6 Determination of wastewater treatment capacity for this development is again dependant on the ADWF being available.

In light of the above the department indicated that a Services Report with more detail on planned layouts and pipeline routes is required. A determination of estimated water demand and sewage discharge must also be included.

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3. City of Cape Town: Spatial Planning & Urban Design (Ms L Steenkamp / L. Kruger-Fountain)

Alignment with Spatial Policy and Frameworks

3.1 The proposed alternative sites align with both the Cape Town Spatial Development Framework (2012, as amended) and the Blaauwberg District Plan (2012), which identifies both alternative sites for industrial use. In addition Atlantis is well positioned in proximity to the current alternative landing sites for the Ibhubesi Gas Fields Pipeline, which makes Atlantis a logical location for a combined cycle gas turbine.

3.2 It should be noted that in terms of the above policies, the sites are located within 16km of the Koeberg Nuclear Power Station. As a result development controls related to the Koeberg Nuclear Power Station (KNPS) included in the CTSDF and the BDP in policy 24.4 and section 4.5b respectively, impact on the sites. Requirements in this regard should be assessed during the course of the environmental process.

Additional Impacts to be included in the Proposed Plan of Study

3.3 Impacts on the Atlantis Aquifer: The Atlantis industrial area is located on top of the Atlantis aquifer. The Atlantis Aquifer Recharge scheme provides the majority of potable water to Atlantis and is therefore a critical water resource. It is therefore requested that risks associated with the potential contamination of this water source as a result of the proposed use must be assessed.

3.4 Potential land sterilisation: It is requested that land sterilisation impacts on surrounding land parcels as a result of any applicable buffers or safety zones should be assessed.

General

3.5 Option 2 would appear to be the more logical location of the current two site alternatives due to its proximity to the rail access, within the industrial precinct and further away from the Atlantis residential area.

4. City of Cape Town: Planning & Building Development Management (Mr C Lovember)

4.1 As mentioned during the Background Information Document stage, be advised that the tentative preferred site (Option 2) for the power station plant is zoned General Industrial (GI 1) and not Risk Industry (RI). As such the property would require have to undergo a formal rezoning application (Note: Eskom was required to undergo a similar rezoning application prior to the establishment of the adjacent Ankerlig Open Cycle Gas Turbine power station).

4.2 Clarity is required as to whether the same distribution power lines, as well as servitudes that Eskom is currently using, going to be utilized by this project?

4.3 The applicant should provide confirmation that they comply with the Green Technology criteria as per the Council Policy of Green Technology with regard to the Atlantis Industrial Area.

4.4 It is noticed that the Table indicating the anticipated population increase into the Koeberg Nuclear Power Station's (KNPS) Urgent Protection Zone (UPZ) that was requested during the Background Information Document stage is not included in the draft Scoping report. It is reiterated that the said table must be provided in order to test the proposed development against the KNPS Traffic Evacuation Model (TEM).

5. City of Cape Town: Transport for Cape Town (Mr J Massyn)

5.1 In paragraph 2.2.4 (page 2 – 7) reference is made to negotiations with Transnet with regard to a level crossing in order to get access to the site. This railway line in fact belongs to the City of Cape Town.

5.2 The proposed access off Neil Hare Road on the northern end of the site necessitates a level crossing across the railway line. This is not supported and access should be taken off Neil Hare Road on the southern boundary or Gideon Basson Road.

5.3 A temporary access across the railway line during the construction phase can be considered.

5.4 A conceptual Stormwater Management Plan in terms of Council's relevant policies should form part of the scoping report.

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6. City of Cape Town: Utilities Directorate: Solid Waste Planning Policy & Strategy Unit (Mr E. Mohamed)

6.1 The use of natural gas for energy is acceptable in the short term, however all opportunities to use alternative sources of fuel should be investigated in order to ensure the sustainability of the project. Refuse-derived fuel (RDF) and landfill gas are examples of said fuel alternatives.

6.2 As the preferred site(s) will be based in Atlantis consideration should be given to the fact that the City of Cape Town regional landfill site has been identified in the same area and the proximity of the landfill site should be included in the EIA.

6.3 As gas recovery from landfill sites are on the Solid Waste Strategy, future opportunity to utilize landfill gas as a source of fuel may assist with the sustainability of the project whilst simultaneously achieving a strategic goal of the City of Cape Town: Solid Waste Department.

7. City of Cape Town: Specialized Health Services: Air Quality Branch (Ms L. Matthys)

From an air quality perspective, this office concurs with the impacts identified by the EAP. As indicated on page 5 of the document, it is the view of this office that the DEA will be the competent authority when dealing with the Atmospheric Emissions Licencing (AEL) of the facility; with the City's Air Quality Management Unit commenting as an interested and affected party.

This office therefore wishes to offer the following comments:

7.1 The format of the Air Impact Assessment and Report, as indicated on page 8-11 (point 8.7.1) must be carried out in accordance with Government Notice 747, dated 11 October 2013, being the Regulations prescribing the format of the Atmospheric Impact Report.

7.2 Any Screening exercises must be undertaken in accordance with Government notice R533, dated 11 July 2014, being the Regulations Regarding Air Dispersion Modelling.

7.3 An application for the AEL must accompany the EIA at this time and is to be submitted in accordance with the provisions of the One Environmental System application process which is managed concurrently with the EIA process.

7.3.1 The AEL application must be completed electronically on the South African Atmospheric Emissions Licencing and Inventory Portal. The following link can be used to access the portal:

https://saaelip.environment.gov.za/SAAELIP/SAAELIP_FACILITY/GovEnt/Shared/Pages/Main/Login.aspx

7.3.2 An additional public participation process advertising the proposed application for an AEL and the relevant category information must be conducted and the project advertised in at least two newspapers circulating in the area.

7.3.3 Please be aware that the application may be subject to an additional processing fee payable to the DEA for the issuing of the AEL.

7.4 Please be aware that the requirements of the GN 893 stipulates that the following Minimum Emission Standards be met in terms of the respected categories:

7.4.1 Category 1:
Sub-category 1.4: Gas combustion installations

Subcategory 1.4: Gas Combustion Installations

Description:	Gas combustion (including gas turbines burning natural gas) used primarily for steam raising or electricity generation.		
Application:	All installations with design capacity equal to or greater than 50 MW heat input per unit, based on the lower calorific value of the fuel used.		
Substance or mixture of substances		**Plant status**	**mg/Nm³ under normal conditions of 3% O_2, 273 Kelvin and 101.3 kPa.**
Common name	**Chemical symbol**		
Particulate matter	NA	New	10
		Existing	10
Sulphur dioxide	SO_2	New	400
		Existing	500
Oxides of nitrogen	NO_x expressed as NO_2	New	50
		Existing	300

(a) The following special arrangements shall apply –

(i) Reference conditions for gas turbines shall be 15% O_2, 273K and 101.3kPa.

(ii) Where co-feeding with waste materials with calorific value allowed in terms of the Waste Disposal Standards published in terms of the Waste Act, 2008 (Act No.59 of 2008) occurs, additional requirements under subcategory 1.6 shall apply.

and potentially,

7.4.2 Category 2.
Sub-category 2.4: Storage and handling of petroleum products

Subcategory 2.4: Storage and Handling of Petroleum Products

(a) The following transitional arrangement shall apply for the storage and handling of raw materials, intermediate and final products with a vapour pressure greater than 14kPa at operating temperature: –

Leak detection and repair (LDAR) program approved by licensing authority to be instituted, by 01 January 2014.

(b) The following special arrangements shall apply for control of TVOCs from storage of raw materials, intermediate and final products with a vapour pressure of up to 14kPa at operating temperature, except during loading and offloading. (Alternative control measures that can achieve the same or better results may be used) -

(i) Storage vessels for liquids shall be of the following type:

Application	**All permanent immobile liquid storage facilities at a single site with a combined storage capacity of greater than 1000 cubic meters.**
True vapour pressure of contents at product storage temperature	**Type of tank or vessel**
Type 1: Up to 14 kPa	Fixed-roof tank vented to atmosphere, or as per Type 2 and 3
Type 2: Above 14 kPa and up to 91 kPa with a throughput of less than 50 000 m³ per annum	Fixed-roof tank with Pressure Vacuum Vents fitted as a minimum, to prevent "breathing" losses, or as per Type 3
Type 3: Above 14 kPa and up to 91 kPa with a throughput greater than 50 000 m³ per annum	a) External floating-roof tank with primary rim seal and secondary rim seal for tank with a diameter greater than 20m, or b) fixed-roof tank with internal floating deck / roof fitted with primary seal, or c) fixed-roof tank with vapour recovery system.
Type 4: Above 91 kPa	Pressure vessel

(ii) The roof legs, slotted pipes and/or dipping well on floating roof tanks (except for domed floating roof tanks or internal floating roof tanks) shall have sleeves fitted to minimise emissions.

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(ii) Relief valves on pressurised storage should undergo periodic checks for internal leaks. This can be carried out using portable acoustic monitors or if venting to atmosphere with an accessible open end, tested with a hydrocarbon analyser as part of an LDAR programme.

(c) The following special arrangements shall apply for control of TVOCs from the loading and unloading (excluding ships) of raw materials, intermediate and final products with a vapour pressure of greater than 14kPa at handling temperature. Alternative control measures that can achieve the same or better results may be used:

(i) All installations with a throughput of greater than 50'000 m³ per annum of products with a vapour pressure greater than 14 kPa, must be fitted with vapour recovery / destruction units. Emission limits are set out in the table below -

Description:	Vapour Recovery Units		
Application:	All loading/ offloading facilities with a throughput greater than 50 000 m³		
Substance or mixture of substances			
Common name	**Chemical symbol**	**Plant status**	**mg/Nm³ under normal conditions of 273 Kelvin and 101.3 kPa.**
Total volatile organic compounds from vapour recovery/ destruction units using thermal treatment.	N/A	New	150
		Existing	150
Total volatile organic compounds from vapour recovery/ destruction units using non-thermal treatment	N/A	New	40 000
		Existing	40 000

(ii) For road tanker and rail car loading / offloading facilities where the throughput is less than 50'000 m³ per annum, and where ambient air quality is, or is likely to be impacted, all liquid products shall be loaded using bottom loading, or equivalent, with the venting pipe connected to a vapour balancing system. Where vapour balancing and / or bottom loading is not possible, a recovery system utilizing adsorption, absorption, condensation or incineration of the remaining VOC's, with a collection efficiency of at least 95%, shall be fitted.

7.4.3 Further licencing requirements may become necessary as information regarding the proposed development is made available.

7.5 The Head: Specialised Environmental Health reserves the right to provide additional comment during the process and as further information becomes available during the process.

8. City of Cape Town: Economic Development (Mr C. Hewett)

The Department agrees that a specialist socio-economic impact study is not required for this development as the scoping report provides sufficient information. However, it is requested that an estimated/projected value of the total capital investment for the project be provided in the environmental impact assessment report.

9. City of Cape Town: Environmental Resource Management (Mr M. Theron / Sonja Warnich-Stemmet)

9.1 Please reflect the DEA reference number in all future correspondence.

9.2 Executive Summary, Project overview (pg 3): Only Option 2' erf number, Portion 1 and 4 of CFM 1183, is listed. However Option 1's erf number, Remainder CFM 1183 and Portion 4 of CFM 93, being the alternative site has been omitted. Please include.

9.3 Executive Summary, Need for an EIA (pg 4): It is questioned why Activity 14 of Listing Notice 1 (GN R. 983), i.e. the Storage of Dangerous Good and Activity 12 of Listing Notice 3 (GN R. 985), i.e. the Removal of more than 300m² of indigenous vegetation, are not listed as triggers?

9.4 Executive Summary, Identification of Issues (pg 6): In addition to the 3 identified issues, it is argued that the following additional issues should be identified:

- Botanical Impact;
- Groundwater Impact;
- Impact on available municipal infrastructure (i.e. Services Report)

9.5 Executive Summary, Identification of Issues (pg 6): The last paragraph incorrectly refers to the proposed Plan of Study (PoS) for the EIA in Chapter 9. The PoS is reflected in Chapter 8.

9.6 Chapter 1, Introduction, Section 1.1 (pg 1-4): Clarify that the client is the City of Cape Town: Property Management Department. Correct this throughout the report (example Chapter 1, Section 1.4 page 1-11, etc).

9.7 Chapter 1, Introduction, Section 1.2 *Project Motivation* (pg 1-4): Paragraph 1 states that *'the project will reduce the risk of rolling electricity blackouts, which are anticipated in South Africa's Medium Term Risk Mitigation Plan (MTRM) for electricity from 2011 to 2016'*. As this period is already past, and given the fact this this project (if successful) will only come only after 2016, this motivation becomes obsolete. Please remove.

9.8 Chapter 1, Introduction, Section 1.2 *Project Motivation* (pg 1-5): Bullet-point 3 refers to 'planned construction of a gas fired power station in Namibia'. Name the proposed development and reference the source of information.

9.9 Chapter 1, Introduction, Section 1.2.1 *Need and Desirability* (pg 1-6): List under Table 1.1, Section 1, the City of Cape Town Spatial Development Framework (2012). Refer to Policy Statements 7 and 30 as to reasons why the proposed land use is within the spatial development framework's timeframes.

9.10 In addition, list the Blaauwberg District Plan (2012). Refer to Spatial Development Objective I) of the Blaauwberg District Plan relating to the *promotion of infill industrial development*.

9.11 Chapter 1, Introduction, Section 1.2.1 *Need and Desirability* (pg 1-9): The statement under Table 1.1, Section 9, that there is no exiting EMF is incorrect. The City of Cape Town's EMF form part of the Blaauwberg District Plan as adopted on 26 Augsut 2013 (PN. 297/2013, dated 13 September 2013).

9.12 Chapter 1, Introduction, Section 1.2.1 *Need and Desirability* (pg 1-9): The statement under Table 1.1, Section 11, highlights Cape Nature's confirmation of the proposal, however it omits Cape Nature's concern with regards to potential impacts on avifauna as a result of the associated transmission lines. The report fails to argue why an avifauna study is not warranted.

9.13 Chapter 4, Section 4.1, Table 4.1 *Listed Activities* (pg 4-2):

- Activity 24 of Listing Notice 1 is incorrectly indicated under GN R.984. Correct to GN R.983. In addition it is questioned why Activity 24 is listed in the first instance, as the subject properties are located within an urban area and should therefore excluded?
- As mentioned above, is questioned why Activity 14 of Listing Notice 1 (GN R. 983), i.e. the Storage of Dangerous Good and Activity 12 of Listing Notice 3 (GN R. 985), i.e. the Removal of more than 300m² of indigenous vegetation, are not listed as triggers?
- Reference is made to additional information regarding the removal of [indigenous] vegetation that can be found in the Botanical Impact Assessment conducted by Bergwind Botanical Surveys in 2012. Include the said study as an annexure to the report.

9.14 Chapter 5, Section 5.2 *Issues and Responses Trail* (pg5-7): The required table that indicate the anticipated population increase to the Koeberg Nuclear Power Station's Urgent Protection Zone (UPZ) must be provided in order to test the proposed development against the KNPS Traffic Evacuation Model (TEM).

9.15 Chapter 8, Plan of Study, Section 8.5 *Issues to be addressed in the Specialist Studies* (pg 8-9): Include the impact of the proposed development on the Atlantis Aquifer.

9.16 Chapter 8, Plan of Study, Section 8.7.3 *Risk Assessment* (pg 8-12): Include the requirement to populate the anticipated population increase to the Koeberg Nuclear Power Station's Urgent Protection Zone (UPZ) table under the Terms of Reference.

The abovementioned comment must be included in the final Scoping Report. Kindly submit the final Scoping Report (once available) to this office in the form of 1 x hard copy and 1 x CD version.

Yours faithfully

PAT TITMUSS
REGIONAL MANAGER: ENVIRONMENTAL & HERITAGE MANAGEMENT: Northern Region (Blaauwberg District)

7

Western Cape Government
Environmental Affairs and Development Planning

Directorate: Pollution and Chemicals Management
Ms. X. Smith

ENQUIRIES: Xenthia Smith

REFERENCE: 16/3/1/6/A1/2/3171/14/VOL

Kelly Stroebel
CSIR
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7599

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COMMENTS: SCOPING REPORT FOR THE PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

The above-mentioned documentation received by the Directorate: Pollution and Chemicals Management (D: PCM) refers. The following comments must be addressed in the Draft Environmental Impact Report (DEIR) and Environmental Management Programme (EMP):

1) **Water Management**
   a) The DEIR and EMP must describe how the prevention of the contamination of ground water and surface water is to be prevented.

2) **Waste Management**
   a) Removal and disposal of builder's rubble should be done during the construction phase, and this should be recycled if possible or disposed of at a licenced municipal facility, capable of taking in the amount of rubble estimated;
   b) All waste generated on site, rubble and domestic, must be stored and disposed of in a legally acceptable way. Domestic waste to be disposed of to the municipal landfill site.

3) **General**
   a) Any event resulting in the spill or leak of product into the ground and/or water courses (e.g. that of hazardous substances used during the construction or operational phase) must be reported to all relevant authorities, including D: PCM, within 14 days. This requirement is in terms of Section 30 (10) of the National Environmental Management Act, No. 107 of 1998 (NEMA) and Section 20 (3) of the National Water Act, No. 36 of 1998 (NWA) that pertains to the control of emergency incidents and should include the reporting, containment and

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clean-up procedure of such incident and the remediation of the affected area. All necessary documentation must be completed and submitted within the prescribed timeframes. Containment, clean-up and remediation must commence immediately.

b) All hazardous substances must be stored in a bunded area with a capacity of at least 110% of the maximum allowable volume. The storage of these substances should be fenced and all access controlled. All hazardous wastes must be disposed of using professional waste disposal contractors

c) A complaints register must be kept on site during the construction phase. The complaints register must specify the date, time, nature of the complaint, details of the complainant as well as the responses undertaken to adequately address and resolve the problems.

Please contact Xenthia Smith at the contact details indicated, should you have any enquiries regarding these comments.

Yours faithfully,

Wilna Kloppers (Mrs)
Director: Pollution & Chemicals Management

Date: 2 February 2016

From: To:*0021888473 08/02/2016 11:38 #932 P.001/002

Western Cape Government
Environmental Affairs and Development Planning

DIRECTORATE: DEVELOPMENT MANAGEMENT
REGION 1

REFERENCE NUMBER: 16/3/3/6/4/2/1/A1/2/3300/15
ENQUIRIES: Ms. M. Engelbrecht
DATE OF ISSUE: 2016 -02- 03

The Director
Council for Scientific and Industrial Research ("CSIR")
P. O. Box 320
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7599

Attention: Ms. A. Taylor

Tel: (021) 888 2661
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Dear Madam

COMMENT ON THE DRAFT SCOPING REPORT ("SR") AND PLAN OF STUDY FOR ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED ATLANTIS GAS-TO-POWER PROJECT ON PORTIONS 1 AND 4 OF CAPE FARM NO. 1183, ATLANTIS.

The Background Information Document ("BID") dated August 2015 and received by this Department on 14 September 2015, this Department's acknowledgement thereof dated 16 September 2015 and the draft Scoping Report ("SR") dated December 2015 and received by this Department on 14 January 2016, refer.

1. This Directorate has the following comments on the draft SR:

1.1 This Department notes that the focus of this Environmental Impact Assessment ("EIA") application is aimed at assessing the suitability of the proposed site for the proposed gas-to-power facility. It is understood that the pipelines and powerlines will be subjected to a separate EIA application.

1.2 Listed Activities

It is noted that internal roads will be required. Page 7 of Chapter 2 of the SR indicates that the proposed internal roads will be approximately 5m wide. However, Page 2 of Chapter 4 of the SR indicates that the proposed internal roads will be approximately 8m wide. The correct width of the proposed internal roads must be provided. If the width of the proposed roads is less than 8m wide, Activity 24 of GN No. R983 of 04 December 2014 will not be applicable.

1.3 Activity Description

Page 3 of Chapter 3 of the SR states that the co-ordinates for the preferred site have been included in Chapter 2. However, the co-ordinates have not been included and must be included in the SR to be submitted to the Competent Authority.

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1.4 Impacts

1.4.1 Due to the fact that the Atlantis dune plume and Witsand Aquifer Nature Reserve is located within 2.5km west of the site and may be impacted by the proposed development, the potential impacts on the aquifer and how it will be minimised must be reported on in the EIA Report to be submitted to the Competent Authority.

1.4.2 This Directorate concurs with CapeNature and the City of Cape Town (Environmental Resource Management) regarding the fact that the botanical impacts were addressed in the previous EIA application for the clearance of indigenous vegetation for the development on Portions 1 and 4 of Cape Farm No. 1183 for which Environmental Authorisation was obtained from this Directorate on 16 January 2013 (Reference number: 16/3/1/1/A1/2/3037/12). Therefore, no botanical impact assessment will be required as part of this EIA application. However, the manner in which the botanical impacts were addressed in the previous EIA application must be reported on in the EIA Report.

1.4.3 This Directorate notes that the heritage impacts were addressed in the aforementioned EIA application (Reference number: 16/3/1/1/A1/2/3037/12). However, an updated response from Heritage Western Cape must be provided in the EIA Report.

1.5 Public Participation Process

Note that proof of the public participation process conducted must be provided in the SR to be submitted to the Competent Authority.

1.6 General

The 21 digit Surveyor General code of the proposed site must be included in the SR to be submitted to the Competent Authority.

2. Please note the originally signed declaration as completed by the Applicant, Environmental Assessment Practitioner and the Specialists who will be compiling the specialist report as part of the EIA process must be included in the EIAR.

Please note that the activity may not commence prior to an Environmental Authorisation being granted by the Competent Authority.

This Directorate reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully

HEAD OF DEPARTMENT

Copies to: (1) Ms. P. Titmuss (City of Cape Town) Fax: (086) 576 2229
(2) Ms. S. Diamo (DEA) Fax: (012) 320 7539
(3) Ms. A. La Meyer (DEA&DP: Development Facilitation) Fax: (021) 483 8311

16/3/3/6/4/2/1/A1/2/3300/15

Comments received from I&APs on the Draft Scoping Report of October 2016

agriculture,
forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA

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Delpen Building, C/o Annie Botha & Union Street, Riviera, 0084

From: Directorate Land Use and Soil Management
Tel: 012-319-7634 **Fax:** 012-329-5938 **E-mail:** ThokoB@daff.gov.za
Enquiries: Helpdesk **Ref:** 2016_01_0095

CSIR Environmental Management Services
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7599

Attention: Kelly Stroebel

APPLICATION FOR ATLANTIS GAS- TO- POWER FACILITY ON PORTION 4 OF THE FARM CAPE NO. 1183, WESTERN CAPE PROVINCE

Your letter dated 07 December 2015 refers.

With reference to the above-mentioned matter, the department wishes to inform you that it has no objection against the proposed Atlantis- Gast-to-Power facility. This is on condition that no development will take place on cultivated areas and that rehabilitation is done afterwards.

This comment does not exempt any person from any provision of any other law, with special reference to the Conservation of Agricultural Resources Act, 1983 (Act 43 of 1983) and does not purport to interfere with the rights of any person who may have an interest in the agricultural land.

Yours faithfully

DR M.E TAU
DEPUTY DIRECTOR-GENERAL: FORESTRY
AND NATURAL RESOURCES MANAGEMENT
DELEGATE OF THE MINISTER
DATE: 19/10/2016

CC: Land Use and Soil Management P.O.Box 380 **BELLVILLE** 7535
CC: Mr Brandon Layman Landuse Management Department of Agriculture: Western Cape Private Bag x 1 **ELSENBURG** 7607

DAFF/FM/2016/ farm 1183

Western Cape Government
Environmental Affairs and Development Planning

Directorate: Development Management
Region 1

REFERENCE NUMBER: 16/3/3/6/4/2/1/A1/2/3274/16
ENQUIRIES: MS. K. ADRIAANSE

DATE OF ISSUE: 2016-10-26

The Director
CSIR Environmental Management Services
P.O. Box 320
STELLENBOSCH
7599

For Attention: Mr. P. Lochner

Tel: (021) 888 2249
Fax: (021) 888 2432

Dear Sir

ACKNOWLEDGEMENT: THE DRAFT SCOPING REPORT FOR THE PROPOSED GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM NO 1183, ATLANTIS, WESTERN CAPE.

The draft Scoping Report dated October 2016 and received by this Department on 19 October 2016, refers.

1. This letter serves as an acknowledgement of receipt of the draft Scoping Report by this Directorate.
2. This Directorate will now review the draft Scoping Report and provide comments on the draft Scoping Report accordingly.

This Department reserves the right to revise or withdraw comments or request further information based on any information received.

Your interest in the future of our environment is greatly appreciated.

Yours faithfully

HEAD OF DEPARTMENT

Copy to: Ms. A. La Meyer (WCG: EADP – Directorate Development Facilitation)

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environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Reference: 14/12/16/3/3/2/929
Enquires: D. Mabona/S. Lekota
Tel: 012 399 9823/9573

DIRECTOR: INTERGRATED ENVIRONMENTAL AUTHORISATIONS

REQUEST FOR COMMENTS: THE PROPOSED ATLAS GAS POWER FACILITY ON PORTION 1 OF PORTION 4 OF THE CAPE FARM 1183, WESTERN CAPE PROVINCE.

1. **PURPOSE**

To provide you with comments on the Draft Scoping Report (DSR for the above mentioned project in the Western Cape Province.

2. **BAGROUND**

The Directorate Biodiversity Conservation received and carefully reviewed the DSR and the following issues were noted to be a concern on biodiversity:

- Farm 1138 of the proposed project, falls within the Cape West Coast Biosphere Reserve,
- It is also close to 2 formal Nature Reserves, 3 informal Nature Reserves and close to a Stewardship site.
- Other Urban conservation areas are also close to the proposed site which they can be either directly or indirectly impacted by the development.
- The proposed site is dominated by two threatened vegetation type namely Atlantis Sand Fynbos (Critically Endangered) and Cape Flats Stranveld (Endangered).
- The City of Cape Town Conservation Planning (Biodiversity Network) categorised the site under Critical Biodiversity Area (CBA) as other natural vegetation and development on this land is negotiable based on the activities that the proposed project will impose on the

environment and looking at the activities proposed on the site, their impacts are of high significant.

- The site is characterised of Artificial NFEPA wetlands and species of conservation concern such as 80 individual of Endangered Malmensbury pincushion, high number of Mesemb Ruschia indecora and *Aspalathus ternate* (Vulnerable).

3. RECOMMENDATIONS

- For the directorate biodiversity conservation to make an informed decision, the following recommendations must be included on the final EIA phase and be implemented in order to protect the biodiversity of the area.
- The extend of the impacts that will be caused by the proposed Atlas gas to power facility must be explored and explained carefully with all the mitigation measures in place to limit impacts on biodiversity.
- A sensitivity map must be produced and show all the sensitive areas with buffer zones and also indicates all the "no go areas" on site.
- Avifaunal studies must be conducted by appointed specialist to evaluate how they will be impacted by the development.
- The artificial NFEPA wetland is a habitat to water birds species and other species so the functionality of the wetland must be studied and a report must be produced.
- All sensitive habitats with buffer zones, such as wetlands must be clearly demarcated with fencing or orange mesh netting and be regarded as no "go area" and be shown on the maps for the final EIAR phase.
- The proposed development exist close to a number of protected areas so comments from authorities of these areas must be acquired, considered and included on the final report.
- It is recommended that a walk through must be done to confirm any other sensitive habitats on the site and to confirm species of conservation concern and a report must be included on the final EIAR.
- It is recommended that final Ecological Report and Avifaunal specialist report must be submitted together with a full layout plan overlaid with the development footprint and sensitive areas to allow the directorate to make an informed decision.
- The following mitigation hierarchy **1.** Avoid **2.** Minimise, **3.** Restoration, **4.** Offset must be followed in this order throughout the planning of the development.
- Clear layout plan overlaying all sensitive areas within the development footprint
- EMPr must be attached and it must show all the mitigation measures proposed on site to limit impacts on the receiving environment and it must show all the rehabilitation plans.

4. CONCLUSION

The proposed development will have impacts on important species and about 38 hectares of vegetation will be impacted so the extent to which the biodiversity of the area will be impacted must be clearly studied and proper planning and mitigation measures should be applied. The proposed site is of national importance due to the protected vegetation on site, NFEPA wetland and species of conservation concern occurring on site. The layout plan with the lay down areas of the project must be designed to avoid all sensitive areas on site as far as possible.

Ms Wilma Lutsch
Director: Biodiversity Conservation
Department of Environmental Affairs
Letter Signed by: Stanley Tshitwamulomoni
Designation: Control Biodiversity Office Grade B
Date: 15/11/2016

environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447· PRETORIA · 0001· Environment House · 473 Steve Biko Road· PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/3/2/981
Enquiries: Ms. Mmamohale Kabasa
Telephone: (012) 399 9420 **E-mail:** MKabasa@henvironment.gov.za

Ms Kelly Stroebel
Council for Scientific and Industrial Research
PO Box 320
STELLENBOSCH
7599

Telephone Number: (021) 888 2432
Email Address: kstroebel@csir.co.za

PER E-MAIL / MAIL

Dear Ms Stroebel

COMMENTS ON THE DRAFT SCOPING REPORT FOR THE PROPOSED 1500 MW ATLANTIS GAS POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183 WITHIN THE ATLANTIS INDUSTRIAL ZONE OF THE CITY OF CAPE TOWN METROPOLITAN MUNICIPALITY IN THE WESTERN CAPE PROVINCE

The draft Scoping Report (SR) dated October 2016 and received by this Department on 19 October 2016 refers.

This Department has the following comments on the abovementioned application:

i. Please ensure that all relevant listed activities are applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description.
ii. It appears that the study area will be confined to within the urban edge; the EAP must ensure that applicable activities are applied for. The following activities are applicable to areas located outside the urban area edge: GN R.983 Activity 24 and GN R.984 Activities 7 and 9.
iii. If the activities applied for in the application form differ from those mentioned in the final SR, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environment.gov.za/documents/forms.
iv. Please ensure that the application form is signed by the applicant and that the land owner consent form has been signed.
v. The EAP must ensure that all relevant activities have been identified and are included in the application form and will be assessed during the EIAr process. This should also include all activities that has been authorised as part of the previous EA for the manufacturing plant, and these must be included and assessed.
vi. It is note that no GN R. 985 activities have been identified for the proposed development. Should any such activities be identified, they must be thoroughly assessed. Written comments must be obtained from the relevant authorities and submitted to this Department. In addition, a graphical representation of the proposed development within the respective geographical areas must be provided.
vii. The final SR must provide evidence that all identified and relevant competent authorities have been given an opportunity to comment on the proposed development.

viii. The Public Participation Report must contain clear and legible copies of the newspaper adverts.

ix. Please ensure that all issues raised and comments received during the circulation of the draft SR from registered I&APs and organs of state which have jurisdiction in respect of the proposed development are adequately addressed in the Final SR. Proof of correspondence with the various stakeholders must be included in the Final SR. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 and 44 of the EIA Regulations 2014.

x. A comments a response trail report (C&R) must be submitted with the final SR. The C&R report must incorporate all historical comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter.

xi. Further to the above, this Department requires comments from this Department's Biodiversity and Conservation Directorate, the Climate Change Directorate as well as the Air Quality Directorate and the Department of Energy.

xii. Please provide a description of any identified alternatives for the proposed activity that are feasible and reasonable, including the advantages and disadvantages that the proposed activity or alternatives will have on the environment and on the community that may be affected by the activity as per Appendix 2 of the EIA Regulations, 2014. Alternatively, you should submit written proof of an investigation and motivation if no reasonable or feasible alternatives exist in terms of Appendix 2.

xiii. It is noted with concern that the LNG supply for the proposed development depends on the finalisation of the proposed gas pipeline between Saldanha Bay and the Caltex Tableview Refinery. This may present a fatal flaw for the development as essentially there is no gas for the facility. The applicant is therefore advised to identify other gas supply alternatives and clearly assess all associated impacts.

xiv. Should the applicant insist on the LNG supply from the proposed gas pipeline between Saldanha Bay and the Caltex Tableview Refinery, the FSR must clearly identify the preferred connection route and indicate the terms of reference for assessment of all associated impacts.

xv. **The FSR must clearly indicate information on services required on the site, e.g. sewage, refuse removal, water and electricity.**

xvi. It is noted that the study area was subjected to specialist assessments under a previous EIA process which were recommended by specialists and subsequently authorised. The FSR must include impact statements from specialists on the proposed development and associated impacts. The impact statements must also comply with comment (xviii) of this comments letter for the following specialist studies:
>Terrestrial ecology
>Palaeontology
> Archaeology.

xvii. This Department advises that a specialist study investigates and assesses the climate change risks associated with the proposed development.

xviii. The final SR must investigate and identify all possible impacts including visual impacts and avifaunal impacts. The powerline route alternative must be recommended by a certified ornithologist.

xix. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defendable reasons; and where necessary, include further expertise advice.

xx. Where specialist studies are conducted in-house or by a specialist other than a certified specialist in the relevant field, such specialist reports must be peer reviewed by a certified external specialist in the relevant field. The terms of reference for the peer review must include:
- A CV clearly showing expertise of the peer reviewer;
- Acceptability of the terms of reference;
- Is the methodology clearly explained and acceptable;
- Evaluate the validity of the findings (review data evidence);
- Discuss the suitability of the mitigation measures and recommendations;
- Identify any short comings and mitigation measures to address the short comings;

2

- Evaluate the appropriateness of the reference literature;
- Indicate whether a site-inspection was carried out as part of the peer review; and
- Indicate whether the article is well-written and easy to understand.

xxi. Due to the presence of a similar electricity generation facility in the area, all the specialist assessments must include a cumulative environmental impact assessment for all identified and assessed impacts. The cumulative impact assessment must indicate the following:
- Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
- Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
- The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
- A cumulative impact environmental statement on whether the proposed development must proceed.

xxii. The final SR must investigate and identify all traffic impacts and geotechnical impacts associated with the proposed development.

xxiii. The final Scoping Report must indicate all private and government nature protection areas in the area, including any Important Bird Areas.

xxiv. The final Scoping Report must indicate and describe the competing land uses in the area including the proposed project. This must further motivate the desirability of locating the proposed facility at the preferred location.

xxv. In accordance with Appendix 2 of the EIA Regulations 2014, the details of—
(i) the EAP who prepared the report; and
(ii) the expertise of the EAP to carry out Scoping and Environmental Impact assessment procedures;
must be submitted.

xxvi. You are further reminded that the final SR to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of scoping reports in accordance with Appendix 2 and Regulation 21(1) of the EIA Regulations, 2014.

xxvii. Further note that in terms of Regulation 45 of the EIA Regulations 2014, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of the these Regulations, unless an extension has been granted in terms of Regulation 3(7).

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours faithfully

Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Signed by: Mr Coenrad Agenbach
Designation: Deputy Director: Strategic Infrastructure Developments
Date: 14/11/2016

cc:	A Human	City of Cape Town Metropolitan Municipality	Email: andre.human@capetwon.gov.za
	F Abrahams	Western Cape DEA&DP	Email: fernel.abrahams@westerncape.gov.za

Annexure 1

Format for Comments and Response Trail Report:

Date of Comment, format of Comment Name of Organisation/I&AP,	Comment	Response from EAP/Applicant/Specialist
27/01/2016 Email Department of Environmental Affairs: Strategic Infrastructure Development (John Soap)	Please record C&R trail report in this format Please update the contact details of the provincial environmental authority	EAP: (~~Noted~~)The C&R trail report has been updated into the desired format, see Appendix K EAP: Details of provincial authority have been updated, see page 16 of the Application form

Western Cape Government
Environmental Affairs and Development Planning
BETTER TOGETHER.

Adri La Meyer
DIRECTORATE: DEVELOPMENT FACILITATION
Adri.LaMeyer@westerncape.gov.za

REFERENCES:
16/3/3/6/4/2/1/A1/2/3274/16 (Development Management)
19/2/5/3/A1/2/WL0118/16 (Waste Management)
19/4/4/BC5/B-Gas-to-power facility – Atlantis (Air Quality Management)

DATE: 2016 -11- 30

The Board of Directors
CSIR Environmental Management Services
P.O. Box 320
STELLENBOSCH
7599

For attention: Ms Kelly Stroebel

Tel: (021) 888 2432
E-mail: kstroebel@csir.co.za

Dear Madam

COMMENT ON THE RE-RELEASED DRAFT SCOPING REPORT AND PLAN OF STUDY FOR ENVIRONMENTAL IMPACT ASSESSMENT FOR THE PROPOSED ATLANTIS GAS-TO-POWER FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 1 OF PORTION 4 OF CAPE FARM NO. 1183, ATLANTIS INDUSTRIAL

1. The Draft Scoping Report ("DSR") and Plan of Study for Environmental Impact Assessment ("EIA") dated 6 October 2016 and received by the Department on 19 October 2016 refer. The following consolidated comment by various directorates in the Department is hereby offered.

2. It is understood that the City of Cape Town proposes the construction of a combined cycle gas turbine ("CCGT") facility on an area of approximately 38.65ha that will consist of:

2.1 Combustion/engine turbines located in power blocks and producing up to a maximum of 1500 Megawatt;

2.2 Heat recovery steam generators with associated chimneys;

2.3 An electrical generator and administration buildings; and

2.4 Associated infrastructure (i.e. gas pipelines for the transmission, distribution and reticulation of natural gas on site and transmission lines for the evacuation of electricity).

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tel: +27 21 483 2887 fax: +27 21 483 4185
Private Bag X9086, Cape Town, 8000
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3. Directorate: Development Management (Region 1) – Keagan-leigh Adriaanse (Keagan-leigh.Adriaanse@westerncape.gov.za; Tel: (021) 483 8349):

3.1 Application history

3.1.1 An application for environmental authorisation was submitted to the Department of Environmental Affairs ("DEA") on 12 December 2015 along with a DSR;

3.1.2 The Final Scoping Report was submitted to the DEA for consideration on 9 February 2016;

3.1.3 The DEA issued a refusal environmental authorisation on 5 April 2016;

3.1.4 An appeal was submitted to appeal administrator on 26 April 2016 and an appeal decision was issued by the appeal authority on 5 July 2016; and

3.1.5 The appeal decision directed the applicant to resubmit the Scoping Report to the DEA for reconsideration inclusive of all specialist studies conducted as part of the previous EIA application, and to obtain detailed comments from this Department on the resubmitted DSR.

3.2 Project overview

3.2.1 The project overview provided in Chapter 1 of the DSR must be amended to include/indicate the following:

(i) That the applicant obtained an environmental authorisation from this Department on 16 April 2013 (DEA&DP reference 16/3/1/1/A1/2/3036/12) for the proposed development of a green technology manufacturing facility on Portions 1 and Portion 4 of Cape Farm No. 1183, Atlantis. The overview must confirm that this application under review is for the proposed development of a gas-to-power facility and associated infrastructure on the site and that a portion of the site is intended to be used for the proposed green technology manufacturing facility. (Please refer to comment 3.3.4 below for discrepancies in the property descriptions.)

(ii) The project overview must indicate that a copy of the previous environmental authorisation obtained is included in Appendix H of the DSR.

3.3 Activity Description

3.3.1 Section 1.1 of the DSR (Project Applicant and Project Overview) states "*The preferred site (i.e. site 2) for the proposed Atlantis gas-to-power project includes approximately 38.65ha, however, the proposed gas-to-power facility and associated infrastructure only requires a development area of approximately 32ha (as shown in Chapter 2 of this Scoping Report.*" Please be advised that the development footprint of the proposed gas-to-power facility has not been provided in Chapter 2 of the DSR.

3.3.2 The project description must be amended to include the development of the gas-to-power facility on approximately 32ha of the site and the development of the green technology manufacturing facility on the remainder of the site. (Please also refer to comment 3.3.4 below.)

3.3.3 Table 4.1 (page 4-3) of the DSR indicates that "*the proposed development will result in the need for the existing Omega substation (approximately 13km south of the Atlantis area on the farm Groot Olifantskop 81) to be expanded*". However, no further information pertaining to the proposed expansion of the Omega substation has been provided.

3.3.4 The cover letter received with the DSR on 19 October 2016 and the DSR indicate that the CCGT facility and associated infrastructure is proposed on Portion 1 of Portion 4 of Cape Farm No. 1883,

Atlantis. However, Table 4.1 (page 4-3) of the DSR states that "*The proposed Gas-to-Power facility will be constructed on Portions 1 and 4 of Cape Farm 1183 in Atlantis*" and Table 6.3 (page 6-9) refers to "*Site 2 - Cape Farm 1183 portions 1 and 4.*" Section 2.1 of the DSR indicates the 21 digit Surveyor-General ("SG") code of the preferred site, which provides 2 sets of SG digit codes, assuming to be for Portion 1 and Portion 4 of Cape Farm No. 1183, Atlantis. The Final Scoping Report to be submitted to the competent authority must indicate what the correct property description is, i.e. whether site 2 (the preferred site) will be located on Portion 1 and Portion 4 of Cape Farm No. 1183; or on Portion 1 of Portion 4 of Cape Farm No. 1183, Atlantis.

3.4 Applicable listed activities

3.4.1 Activity 14 of Government Notice ("GN") No. R. 983 of 4 December 2014 may be triggered by the proposed development. Confirmation of whether dangerous goods will be stored on the proposed site and the volume thereof (if any) must be provided in the EIA Report.

3.4.2 Activity 28 of GN No. R. 984 of 4 December 2014 will be triggered by the proposed development as an Atmospheric Emissions Licence ("AEL") in terms of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004) ("NEM:AQA") is required.

3.4.3 A revised Application Form may have to be submitted to the competent authority upon confirmation of the above-mentioned listed activities.

3.5 Alternatives

3.5.1 According to the DSR, two site alternatives were identified and a site selection matrix was undertaken to determine the preferred location of the proposed development. This includes site 1 (Cape Farm No. 1183 and Portion 93 of Cape Farm No. 4, Atlantis) and site 2 (Portion 1 of Portion 4 of Cape Farm No, 1183, Atlantis). It is further noted that site 2 is the preferred site alternative based on the environmental attributes, spatial character and proximity to sensitive human structures. Alternatives for the generation of electricity from a non-renewable resource have been identified, but were considered as not feasible for further assessment. The EIA Report must therefore provide an assessment of the technology alternatives to be considered for the proposed development. When selecting the preferred alternative, please be advised that the alternative with the least environmental impacts must be deemed as the most reasonable and feasible alternative.

3.6 Impact assessment

3.6.1 It is noted that a preliminary scoping phase impact assessment was conducted based on existing information and the results of this preliminary assessment will be verified by the relevant specialists during the EIA phase. A list of the potential impacts associated with the proposed development must be provided in the Final Scoping Report to be submitted to the competent authority.

3.6.2 All the potential impacts associated with the proposed development are to be assessed and/or reported on in the EIA Report.

3.6.3 A detailed description of storm water and effluent management must be included in the EIA Report and the Environmental Management Programme ("EMPr") must provide suitable prevention/ mitigation measures for these aspects.

3.7 Specialist reports

3.7.1 It is understood that the following specialist reports (conducted as part of a previous EIA process) will be used to assess some of the potential impacts identified as part of this EIA application:

(i) Botanical Assessment (compiled by Bergwind Botanical Surveys and Tours, dated June/July 2012);

(ii) Paleontological Assessment (compiled by G. Avery, dated July 2012); and

(iii) Archaeological Input (compiled by ACO Associates, dated 10 July 2012).

3.7.2 The mentioned specialist reports along with updated statements have been included in the DSR. It is important to note that the specialist reports all refer to the development on Portion 1 and Portion 4 of Cape Farm No. 1183, Atlantis.

3.7.3 It is further understood that the following specialist assessments will be undertaken as part of the EIA reporting phase, being an Air Quality Impact Assessment; Noise Impact Assessment; and a Risk Assessment.

3.8 Plan of Study for EIA

3.8.1 The Plan of Study for EIA must include the compilation of an Emergency Response Plan (as per the City of Cape Town's requirements) since the proposed site is located within the 16km Urgent Protective Zone of the Koeberg nuclear power plant.

3.9 Confirmation of services

3.9.1 Confirmation that the local authority has sufficient, spare unallocated capacity to provide water, sewage disposal, refuse removal and electricity services must be included in the EIA Report.

3.10 General

3.10.1 The DSR incorrectly refers to this Department's Guideline on Need and Desirability, 2010. The correct reference is the Guideline on Need and Desirability dated March 2013, which forms part of the EIA Guideline and Information Document Series (March 2013).

4. Directorate: Waste Management – Gary Arendse (Gary.Arendse@westerncape.gov.za; Tel: (021) 483 3872):

4.1 Section 4.2.1 of the DSR must be amended to include the applicability of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) and its subordinate legislation to the proposed development. Your attention is drawn to GN No. No. 926 of 29 November 2013: National Norms and Standards for the Storage of Waste. Please be advised that the storage of hazardous and general waste in excess of 80m^3 and 100m^3 respectively, excluding the storage of waste in lagoons or the temporary storage of such waste, would require the applicant to comply with said norms and standards.

4.2 The EIA Report must provide detailed information on the volume of waste to be generated and how waste from the proposed CCGT plant and associated infrastructure during the construction and operational phase will be managed. The waste management hierarchy (reduction, re-use and recycling of waste) must be implemented to ensure that the disposal of waste should only be

considered as a last resort. Any resulting waste generated during the construction/commissioning and operation of the proposed development which cannot be re-used or recycled, must be disposed of at a licensed waste disposal facility.

4.3 The EMPr to be included with the EIA Report must address the prevention and management of potential leaks and spillages of hazardous substances. Any hazardous substances and fuel must be kept in storage areas that are bunded and with a capacity to contain 110% of the volume of any hazardous substances and fuel. Spill kits must be available on-site for clean-up of potential spills.

5. Directorate: Air Quality Management – Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 8343):

5.1 Noise and dust management:

5.1.1 The Air Quality Impact Assessment to be undertaken during the EIA phase must take cognisance of the National Dust Control Regulations (GN No. R. 827) of 1 November 2013, promulgated in terms of NEM:AQA. These regulations prohibit a person from conducting any activity in such a way as to give rise to dust in such quantities and concentrations that the dust or dust fall may have a detrimental effect on the environment, including health.

5.1.2 It is noted that a Noise Impact Assessment will be conducted during the EIA phase. Please be advised that Section 8.7.2 of the Plan of Study for EIA must be amended to indicate that noise generated from the installation and operation of the CCGT facility (gas turbines/gas engines, electric generators, dry cooling systems, possible rail car noise, etc.) must comply with the Western Cape Noise Control Regulations (Provincial Notice 200/2013) of 20 June 2013.

5.2 Impact management:

5.2.1 The EIA Report must indicate whether the proposed development will result in any offensive odour impacts. Your attention is drawn to Section 35(2) of NEM:AQA, which states that an occupier of the premises must take all reasonable steps to prevent the emission of any offensive odour caused by any activity at the gas-to-power plant. Any offensive odour complaints must be recorded, reported and investigated, should it be required.

5.2.2 It is expected that possible emissions to air from a gas turbine facility would include carbon dioxide, water vapour, carbon monoxide, oxides of nitrogen, and minor emissions of metals and metal compounds and organics.

5.2.3 Other emissions of air pollutants are expected from gas venting during commissioning, maintenance shutdowns and from process vents. The Air Quality Impact Assessment must identify appropriate management and mitigation measures to address the emission sources from the proposed CCGT facility.

5.3 Atmospheric emission listed activities:

5.3.1 Section 4.2.1 of the DSR must be amended to indicate that an AEL is required and must indicate the atmospheric emission listed activity(ies) that will be triggered by the proposed CCGT facility.

5.3.2 The proposed development triggers the following atmospheric emission listed activity identified in GN No. 893, promulgated in terms of Section 21 of NEM:AQA, being Category 1 (Combustion

Installations), Subcategory 1.4 (Gas Combustion Installations) which is described as *"Gas combustion (including gas turbines burning natural gas) used primarily for steam raising or electricity generation"* and is applicable to *"All installations with design capacity equal to or greater than 50MW heat input per unit, based on the lower calorific value of the fuel used"*.

5.3.3 The proposed development may also include the storage of petroleum products. It should be noted that Subcategory 2.4 (Storage and Handling of Petroleum Products) is applicable to *"All permanent immobile liquid storage facilities at a single site with a combined storage capacity of greater than 1 000 cubic meters"*. The EIA Report must indicate the petroleum storage capacity of the CCGT facility to determine whether Subcategory 2.4 of GN No. 893 is triggered by the proposed development.

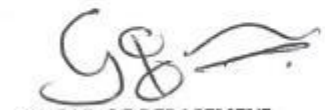
5.3.4 The design and operation of the CCGT facility must comply with the Minimum Emission Standard as listed under the above-mentioned subcategories.

5.3.5 Please be advised that in terms of Section 36(5)(c) of the NEM:AQA, 2004 that the Minister responsible for environmental affairs is the licensing authority for the AEL application. This Directorate strongly recommends that the AEL application be submitted to the licensing authority when the Final Scoping Report is submitted to the competent authority.

6. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the issues/comments provided.

7. The Department reserves the right to revise initial comments and request further information based on the information received.

Yours faithfully



pp **HEAD OF DEPARTMENT**
DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

CC: Mmamohale Kabasa (DEA) E-mail: mkabasa@environment.gov.za

CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD

ENERGY, ENVIRONMENT AND SPATIAL PLANNING DIRECTORATE
ENVIRONMENTAL RESOURCE MANAGEMENT DEPARTMENT

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Senior Environmental Practitioner

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Ref: BA 21/1/2/2/234

30 November 2016

The Director
Council for Scientific and Industrial Research (CSIR)
P.O. Box 320
STELLENBOSCH
7599

Attention: Ms K. Stroebel

[e-mail: kstroebel@csir.co.za]
Tel: 021 888 2490
Fax: 021 888 2432

Dear Madam

ERF 171 (Previously Remainder Cape Farm 1183 and Ptn 4 of CFM 93) AND ERF 277 (Previously Ptn 1 & 4 of Cape Farm 1183), ATLANTIS: REVISED DRAFT SCOPING REPORT FOR THE PROPOSED ATLANTIS GAS-TO-POWER PROJECT

The abovementioned Scoping report, dated October 2016, refers.

Below please find the consolidated comment of the City of Cape Town on the above mentioned report:

1. City of Cape Town: Spatial Planning & Urban Design (Ms L Steenkamp / L. Kruger-Fountain)

   3.1 The Spatial Planning & Urban Design department's previous comment has sufficiently been included in the revised draft scoping report.

2. City of Cape Town: Transport for Cape Town (Mr J Massyn)

   2.1 City of Cape Town: Transport for Cape Town (TCT) indicated in the City's previous comment that the proposed access off Neil Hare Road on the northern end of the site, which necessitates a level crossing across the railway line, is not supported. TCT indicated that access should be taken off Neil Hare Road on the southern boundary or Gideon Basson Road. This comment by TCT was included in the revised scoping report's comments and responses table, but no response from the EAP is recorded against this comment.
   2.2 In addition Chapter 2 (page 2-7) states that the access from the north is preferable whilst it also states that the access from the south is more viable. Conversely it is again stated in the Services Report (Appendix I, Section 8.1, page10) that the preferred access to the site if off Neil Hare Road on the northern end of the site. The aforementioned contradictions are confusing and it should be clarified which access will be used.
   2.3 TCT reiterates that only the access to the site should be taken from the south off Neil Hare Road or Gideon Basson Road. The primary reason for a southern access point being that it will eliminate the railway crossing.

3. City of Cape Town: Specialized Health Services: Air Quality Branch (Ms L. Matthys)

   The revised draft scoping report has sufficiently incorporated the initial comments submitted by the Air Quality Branch. As such the Branch is satisfied with the initial impacts identified by the EAP and included in the proposed Plan of Study for the EIA.

4. City of Cape Town: Economic Development (Mr C. Hewett)

   The Department indicated that it is satisfied with the EAP's response to its comments on the initial draft scoping report (DSR), as outlined in chapter 5 of the revised DSR.
   It is worth to note that the department is fully supportive of renewable energy generation in Atlantis. The City of Cape Town established a green technology manufacturing and renewable energy hub in Atlantis in 2011, in response to the Department of Energy's Renewable Energy Independent Power Producer Programme (REIPPP). Localisation of manufacturing and the resultant job creation is one of the key priorities of government through the REIPP programme.

5. City of Cape Town: Environmental Resource Management (Mr M. Theron)

   5.1 It has come to the City of Cape Town's attention that the Surveyor General's office converted all Cape Farms in Atlantis Industrial (which are zoned Industrial) to Atlantis Industrial Erven. The City's Corporate GIS system has recently converted all Cape Allotment (CA) or farm numbers, to the new erf numbers. As such the erf numbers reflected in the revised draft scoping report are outdated.
      5.1.1 Option 1's new erf number is 171 (was previously *Remainder CFM 1183 and Portion 4 of CFM 93*); and
      5.1.2 Option 2's new erf number is 277 (was previously *Portion 1 and 4 of CFM 1183*)
   5.2 Chapter 1, Introduction, Locality Map (pg 1-3): Specify the property erf numbers on the plans. Site 1 (Erf 171) and Site 2 (Erf 277) for ease of reference.
   5.3 All other comment on, and/or errors to the previously DSR, raised by the Environmental Resource Management department have adequately been addressed in the revised DSR.

The City therefore concurs with the proposed Plan of Study for the EIA phase, as well as the Terms of References for the specialist studies.

The abovementioned comment must be included in the draft EIR. Kindly submit the draft Environmental Impact Assessment Report (once available) to this office in the form of 1 x hard copy and 1 x CD version.

Yours faithfully

PAT TITMUSS
REGIONAL MANAGER: ENVIRONMENTAL & HERITAGE MANAGEMENT: Northern Region (Blaauwberg District)

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Comments received from the Competent Authority on the approved Final Scoping Report: 1 February 2017

environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 · PRETORIA · 0001 · Environment House · 473 Steve Biko Road · Arcadia · PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/3/2/981
Enquiries: Mmamohale Kabasa
Telephone: (012)399 9420 **E-mail:** MKabasa@environment.gov.za

Ms Kelly Stroebel
Council for Scientific and Industrial Research
PO Box 320
STELLENBOSCH
7599

Telephone Number: (021) 888 2432
Email Address: kstroebel@csir.co.za

PER E-MAIL / MAIL

Dear Ms Stroebel

ACCEPTANCE OF THE SCOPING REPORT FOR THE PROPOSED 1500 MW ATLANTIS GAS POWER FACILITY ON PORTION 1 OF PORTION 4 OF THE CAPE FARM 1183 WITHIN THE ATLANTIS INDUSTRIAL ZONE OF THE CITY OF CAPE TOWN METROPOLITAN MUNICIPALITY IN THE WESTERN CAPE PROVINCE

The Scoping Report (SR) and Plan of Study for Environmental Impact Assessment (PoSEIA) dated November 2016 and received by this Department on 06 January 2017 refer.

This Department has evaluated the submitted SR and the PoSEIA dated November 2016 and is satisfied that the documents comply with the minimum requirements of the Environmental Impact Assessment (EIA) Regulations, 2014. The SR is hereby accepted by the Department in terms of Regulation 22(a) of the EIA Regulations, 2014.

You may proceed with the EIA process in accordance with the tasks contemplated in the PoSEIA and the requirements of the EIA Regulations, 2014.

All comments and recommendations made by all stakeholders and Interested and Affected Parties (I&APs) in the draft SR and submitted as part of the final SR must be taken into consideration when preparing an Environmental Impact Assessment report (EIAr) in respect of the proposed development. Please ensure that all mitigation measures and recommendations in the specialist studies are addressed and included in the final EIAr and Environmental Management Programme (EMPr).

Please ensure that comments from all relevant stakeholders are submitted to the Department with the final EIAr. This includes but is not limited to the Western Cape Department of Environmental Affairs and Development Planning, the Department of Agriculture, Forestry and Fisheries (DAFF), the provincial Department of Agriculture, SENTECH, the Department of Transport, the Department of Water and Sanitation (DWS), the South African National Roads Agency Limited (SANRAL), the South African Heritage Resources Agency (SAHRA), the Endangered Wildlife Trust (EWT), BirdLife SA, the Department of Mineral Resources, Cape Nature and the Department of Environmental Affairs: Air Quality Management and Biodiversity and Conservation Directorates.

You are also required to address all issues raised by Organs of State and I&APs prior to the submission of the EIAr to the Department.

Please ensure that the EIAr and EMPr comply with Appendix 3 and Appendix 4 of Regulation 2014, before submission to the Department. You are also required to address all issues raised by organs of state and I&APs prior to the submission of the EIAr to the Department.

Proof of correspondence with the various stakeholders must be included in the EIAr. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.

The EAP must, in order to give effect to Regulation 8, give registered I&APs access to, and an opportunity to comment on the report in writing within 30 days before submitting the final EIAr to the Department.

In addition, the following additional information is required for the EIAr:

i. The draft EIAr must provide an assessment of the impacts and mitigation measures for each of the listed activities applied for.
ii. The listed activities represented in the EIAr and the application form must be the same and correct.
iii. The EIAr must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions. A sample for the minimum information required is listed under point 2 of the EIA information required for gas facilities below.
iv. The EIAr must provide the four corner coordinate points for the proposed development site (note that if the site has numerous bend points, at each bend point coordinates must be provided) as well as the start, middle and end point of all linear activities.
v. The EIAr must provide clearly indicate the following:
    - The envisioned area for the proposed facility; i.e. placing of all associated infrastructure should be mapped at an appropriate scale.
    - Areas of the facilities to be utilised during the different phases of the operation.
    - Indicate the power output for all phases of the development.
    - The preferred layout and length of the 132kV power line.
    - Description of all associated infrastructure. This description must include, but is not limited to the following:
        - Power lines;
        - Internal roads infrastructure; and;
        - All supporting onsite infrastructure such as laydown area, guard house and control room etc.
        - All necessary details regarding all possible locations and sizes of the proposed satellite substation and the main substation.
vi. The EIAr must also include a comments and response report in accordance with Appendix 2 h (iii) of the EIA Regulations, 2014.
vii. The EIAr must include the detail inclusive of the PPP in accordance with Regulation 41 of the EIA Regulations.
viii. The EIAr must adhere to the all the comments issued by this Department on the draft SR dated 14 November 2016.
ix. Details of the future plans for the site and infrastructure after decommissioning in 20-30 years and the possibility of upgrading the proposed infrastructure to more advanced technologies.
x. The terms of reference (ToR) for the following specialist studies are accepted to be assessed in the assessment phase:

Specialist study	Responsible Specialist	Appointed company
1. Avifauna (birds)	Mr. Chris van Rooyen	Chris van Rooyen consulting CC
2. Terrestrial ecology	Dr. David McDonald	Bergwind Botanical Surveys and Tours
3. Noise	Dr Brian Williams	SafeTech

4.	Archaeology)	Cr. Lita Webley	ACO Associates
5.	Palaeontology	Dr. Graham Avery	N/A
6.	Air quality	Mr. Mark Zucknel	Air quality Specialist Study
7.	Risk	Mr. Mike Oberholzer	Riscom (Pty) Ltd.

xi. A traffic impact assessment must be conducted and included in the draft EIAr. The terms of reference for the traffic impact assessment must include:
- Evaluation of the impacts of the proposed development on existing road network and traffic volumes;
- Identification of the position and suitability of the preferred access road alternative;
- Evaluation of the roadway capacity of the road network;
- Confirmation of the associated clearances required for the necessary equipment to be transported from the point of delivery to the various sites;
- Confirmation of the freight and transport requirements during construction, operation and maintenance;
- Propose origins and destinations of equipment; and
- Determination of (Abnormal) Permit requirements if any.

xii. A social impact assessment must be conducted and included in the draft EIAr. The terms of reference for the social impact assessment must include:
- A description of the socio-economic context of the area;
- A description of the development planning context;
- Discussion of the social benefits for the area;
- Identification and assessment of the socio-economic impacts of the proposed development in the area throughout all the phases of the development; and
- Recommendation of the mitigation of identified negative impacts and enhancement of identified positive impacts.

xiii. A specialist study must be conducted to investigate and assess the climate change risks associated with the proposed development.

xiv. The air quality assessment must also Identify and predict the significance of direct, indirect and cumulative risks / impacts arising from the activity for the key stages of the project including preconstruction, construction, operation and post-closure; and identify management and mitigation measures and actions that addresses the direct, indirect and cumulative risks and impacts.

xv. It is noted that the LNG supply for the proposed development depends on the finalisation of the proposed gas pipeline between Saldanha Bay and the Caltex Tableview Refinery, as such, the EIAr must clearly assess the preferred connection route and indicate the terms of reference for assessment of all associated impacts.

xvi. The EIAr must clearly indicate information on services required on the site, e.g. sewage, refuse removal, water and electricity.

xvii. Where specialist studies are conducted in-house or by a specialist other than a suitably qualified specialist in the relevant field, such specialist reports must be peer reviewed by a suitably qualified external specialist in the relevant field. The terms of reference for the peer review must include:
- A CV clearly showing expertise of the peer reviewer;
- Acceptability of the terms of reference;
- Is the methodology clearly explained and acceptable;
- Evaluate the validity of the findings (review data evidence);
- Discuss the suitability of the mitigation measures and recommendations;
- Identify any short comings and mitigation measures to address the short comings;
- Evaluate the appropriateness of the reference literature;
- Indicate whether a site-inspection was carried out as part of the peer review; and
- Indicate whether the article is well-written and easy to understand.

xviii. Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defendable reasons; and where necessary, include further expertise advice.

xix. It is imperative that a reliable water source is secured for the success of this project. The Department requests proof of availability of water for the facility from the relevant authority.

xx. The EIAr must adequately assess and provide a comparative analysis for alternative water sources for the proposed development. The preferred water source alternative must further motivate the preferred technology choice for the facility.

xxi. A cumulative assessment must be undertaken for the sourcing of water as the facility is located in a water stressed area.

xxii. The EIAr must assess the impacts of use of water on site (sourcing, treating, disposing etc.).

xxiii. The EIAr must provide a detailed description of the need and desirability, not only providing motivation on the need for clean energy in South Africa of the proposed activity. The need and desirability must also indicate if the proposed development is needed in the region and if the current proposed location is desirable for the proposed activity compared to other sites. The need and desirability must take into account cumulative impacts of the proposed development in the area.

xxiv. Due to the presence of a similar electricity generation facility in the area, all the specialist assessments must include a cumulative environmental impact assessment for all identified and assessed impacts. The cumulative impact assessment must indicate the following:

- Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
- Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
- The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
- A cumulative impact environmental statement on whether the proposed development must proceed.

xxv. Please note that information on location of renewable energy developments can be accessed from https://www.environment.gov.za/mapsgraphics.

xxvi. A copy of the final site layout map and alternatives. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:

- Positions of the power island, steam turbine and generator, fuel storage tanks, water storage reservoir and tanks, water and gas supply pipelines;
- Permanent laydown area footprint;
- Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible);
- Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used;
- The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure;
- Substation(s) and/or transformer(s) sites including their entire footprint;
- Connection routes (including pylon positions) to the distribution/transmission network;
- All existing infrastructure on the site, especially roads;
- Buffer areas;
- Buildings, including accommodation; and
- All "no-go" areas.

xxvii. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.

xxviii. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.

xxix. A shapefile of the preferred development layout/footprint must be submitted to this Department. The shapefile must be created using the Hartebeesthoek 94 Datum and the data should be in Decimal Degree Format using the WGS 84 Spheroid. The shapefile must include at a minimum the following extensions i.e. .shp; .shx; .dbf; .prj; and, .xml (Metadata file). If specific symbology was assigned to the file, then the .avl and/or the .lyr file must also be included. Data must be mapped at a scale of 1:10 000 (please specify if an alternative scale was used). The metadata must include a description of the base data used for digitizing. The shapefile must be submitted in a zip file using the EIA application reference number as the title.
The shape file must be submitted to:

Postal Address:
Department of Environmental Affairs
Private Bag X447
Pretoria
0001

Physical address:
Environment House
473 Steve Biko Road
Pretoria

For Attention: Muhammad Essop
Integrated Environmental Authorisations
Strategic Infrastructure Developments
Telephone Number: (012) 399 9406
Email Address: MEssop@environment.gov.za

The Environmental Management Programme (EMPr) to be submitted as part of the EIAr must include the following:

i. All recommendations and mitigation measures recorded in the EIAr and the specialist studies conducted.
ii. The final site layout map.
iii. Measures as dictated by the final site layout map and micro-siting.
iv. An environmental sensitivity map indicating environmental sensitive areas and features identified during the EIA process.
v. A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.
vi. An alien invasive management plan to be implemented during construction and operation of the facility. The plan must include mitigation measures to reduce the invasion of alien species and ensure that the continuous monitoring and removal of alien species is undertaken.
vii. A plant rescue and protection plan which allows for the maximum transplant of conservation important species from areas to be transformed. This plan must be compiled by a vegetation specialist familiar with the site and be implemented prior to commencement of the construction phase.
viii. A re-vegetation and habitat rehabilitation plan to be implemented during the construction and operation of the facility. Restoration must be undertaken as soon as possible after completion of construction activities to reduce the amount of habitat converted at any one time and to speed up the recovery to natural habitats.
ix. An open space management plan to be implemented during the construction and operation of the facility.
x. A traffic management plan for the site access roads to ensure that no hazards would result from the increased truck traffic and that traffic flow would not be adversely impacted. This plan must include measures to minimize impacts on local commuters e.g. limiting construction vehicles travelling on public roadways during the morning and late afternoon commute time and avoid using roads through densely populated built-up areas so as not to disturb existing retail and commercial operations.

xi. A storm water management plan to be implemented during the construction and operation of the facility. The plan must ensure compliance with applicable regulations and prevent off-site migration of contaminated storm water or increased soil erosion. The plan must include the construction of appropriate design measures that allow surface and subsurface movement of water along drainage lines so as not to impede natural surface and subsurface flows. Drainage measures must promote the dissipation of storm water run-off.
xii. A fire management plan to be implemented during the construction and operation of the facility.
xiii. An erosion management plan for monitoring and rehabilitating erosion events associated with the facility. Appropriate erosion mitigation must form part of this plan to prevent and reduce the risk of any potential erosion.
xiv. An effective monitoring system to detect any leakage or spillage of all hazardous substances during their transportation, handling, use and storage. This must include precautionary measures to limit the possibility of oil and other toxic liquids from entering the soil or storm water systems.
xv. Measures to protect hydrological features such as streams, rivers, pans, wetlands, dams and their catchments, and other environmental sensitive areas from construction impacts including the direct or indirect spillage of pollutants.
xvi. An air quality management plan.
xvii. Emergency preparedness response plan.

The EAP must provide detailed motivation if any of the above requirements is not required by the proposed development and not included in the EMPr.

The EAP must provide the final detailed Site Layout Plan as well as the final EMPr for approval with the final EIAr as this Department needs to make a decision on the EA, EMPr and Layout Plan.

Please ensure that all the relevant Listing Notice activities are applied for, that the Listing Notice activities applied for are specific and that they can be linked to the development activity or infrastructure in the project description.

You are hereby reminded that should the EIAr fail to comply with the requirements of this acceptance letter, the project will be **refused** in accordance with Regulation 24(1)(b) of the EIA Regulations, 2014.

The applicant is hereby reminded to comply with the requirements of Regulation 45 with regard to the time period allowed for complying with the requirements of the Regulations, and Regulations 43 and 44 with regard to the allowance of a comment period for interested and affected parties on all reports submitted to the competent authority for decision-making. The reports referred to are listed in Regulation 43(1).

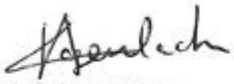
Furthermore, it must be reiterated that, should an application for Environmental Authorisation be subject to the provisions of Chapter II, Section 38 of the National Heritage Resources Act, Act 25 of 1999, then this Department will not be able to make nor issue a decision in terms of your application for Environmental Authorisation pending a letter from the pertinent heritage authority categorically stating that the application fulfils the requirements of the relevant heritage resources authority as described in Chapter II, Section 38(8) of the National Heritage Resources Act, Act 25 of 1999. Comments from SAHRA and/or the provincial department of heritage must be provided in the EIAr.

You are requested to submit two (2) electronic copies (CD/DVD) and one (1) hard copies of the EIAr to the Department as per Regulation 23(1) of the EIA Regulations, 2014.

Please also find attached information that must be used in the preparation of the EIAr. This will enable the Department to speedily review the EIAr and make a decision on the application.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, which stipulates that no activity may commence prior to an Environmental Authorisation being granted by the Department.

Yours faithfully



Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Letter Signed by: Mr Coenrad Agenbach
Designation: Deputy Director: Strategic Infrastructure Developments
Date: 01/02/2017

cc:	A Human	City of Cape Town Metropolitan Municipality	Email: andre.human@capetwon.gov.za
	F Abrahams	Western Cape DEA&DP	Email: fernel.abrahams@westerncape.gov.za

A. EIA INFORMATION REQUIRED FOR GAS POWER FACILITIES

1. General site information

The following general site information is required:

- Descriptions of all affected farm portions
- 21 digit Surveyor General codes of all affected farm portions
- Copies of deeds of all affected farm portions
- Photos of areas that give a visual perspective of all parts of the site
- Photographs from sensitive visual receptors (tourism routes, tourism facilities, etc.)
- Plant design specifications including:
  - Type of technology
  - Structure height
  - Surface area to be covered (including associated infrastructure such as roads)
  - Structure orientation
  - Laydown area dimensions (construction period and thereafter)
  - Generation capacity
- Generation capacity of the facility as a whole at delivery points

This information must be indicated on the first page of any Scoping or EIA document. It is also advised that it be double checked as there are too many mistakes in the applications that have been received that take too much time from authorities to correct.

2. Sample of technical details for the proposed facility

Component	Description / dimensions
Height of stacks	
Area of gas facility	
Area occupied by inverter / transformer stations / substations	
Capacity of on-site substation	
Area occupied by both permanent and construction laydown areas	
Area occupied by buildings	
Length of internal roads	
Width of internal roads	
Proximity to grid connection	
Length of water pipeline	
Size and number of storage vessels for gas and other fuels	
Height of fencing	
Type of fencing	

3. Site maps and GIS information

Site maps and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- All affected farm portions must be indicated
- The exact site of the application must be indicated (the areas that will be occupied by the application)
- A status quo map/layer must be provided that includes the following:

- Current use of land on the site including:
  - Buildings and other structures
  - Agricultural fields
  - Grazing areas
  - Natural vegetation areas (natural veld not cultivated for the preceding 10 years) with an indication of the vegetation quality as well as fine scale mapping in respect of Critical Biodiversity Areas and Ecological Support Areas
  - Critically endangered and endangered vegetation areas that occur on the site
  - Bare areas which may be susceptible to soil erosion
  - Cultural historical sites and elements
- Rivers, streams and water courses
- Ridgelines and 20m continuous contours with height references in the GIS database
- Fountains, boreholes, dams (in-stream as well as off-stream) and reservoirs
- High potential agricultural areas as defined by the Department of Agriculture, Forestry and Fisheries
- Buffer zones (also where it is dictated by elements outside the site):
  - 500m from any irrigated agricultural land
  - 1km from residential areas
- Indicate isolated residential, tourism facilities on or within 1km of the site

- A slope analysis map/layer that include the following slope ranges:
  - Less than 8% slope (preferred areas for facility and infrastructure)
  - between 8% and 12% slope (potentially sensitive to facility and infrastructure)
  - between 12%and 14% slope (highly sensitive to facility and infrastructure)
  - steeper than 18 % slope (unsuitable for facility and infrastructure)
- A site development proposal map(s)/layer(s) that indicate:
  - Foundation footprint
  - Permanent laydown area footprint
  - Construction period laydown footprint
  - Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible)
  - River, stream and water crossing of roads and cables indicating the type of bridging structures that will be used
  - Substation(s) and/or transformer(s) sites including their entire footprint.
  - Cable routes and trench dimensions (where they are not along internal roads)
  - Connection routes to the distribution/transmission network (the connection must form part of the EIA even if the construction and maintenance thereof will be done by another entity such as ESKOM)
  - Cut and fill areas of plant site, along roads and at substation/transformer sites indicating the expected volume of each cut and fill
  - Borrow pits
  - Spoil heaps (temporary for topsoil and subsoil and permanently for excess material)
  - Buildings including accommodation

With the above information authorities will be able to assess the strategic and site impacts of the application.

4. Regional map and GIS information

The regional map and GIS information should include at least the following:

- All maps/information layers must also be provided in ESRI Shapefile format
- The map/layer must cover an area of 20km around the site

- Indicate the following:
  - roads including their types (tarred or gravel) and category (national, provincial, local or private)
  - Railway lines and stations
  - Industrial areas
  - Harbours and airports
  - Electricity transmission and distribution lines and substations
  - Pipelines
  - Waters sources to be utilised during the construction and operational phases
  - A visibility assessment of the areas from where the facility will be visible
  - Critical Biodiversity Areas and Ecological Support Areas
  - Critically Endangered and Endangered vegetation areas
  - Agricultural fields
  - Irrigated areas
  - An indication of new road or changes and upgrades that must be done to existing roads in order to get equipment onto the site including cut and fill areas and crossings of rivers and streams

5. Important stakeholders

Comments must be requested from Eskom regarding grid connectivity and capacity. Request for comment must be submitted to:

Mr John Geeringh
Eskom Transmission
Megawatt Park D1Y38
PO Box 1091
JOHANNESBURG
2000

Tel: 011 516 7233
Fax: 086 661 4064
John.geeringh@eskom.co.za

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Comment from Eskom on the project as requested by the Competent Authority on 1 February 2017

From: Ahmed Hansa <HansaA@eskom.co.za>
To: "Kelly Stroebel (KStroebel@csir.co.za)" <KStroebel@csir.co.za>
CC: John Geeringh <GeerinJH@eskom.co.za>, Edgar-John Kleinveld <KleinvE@eskom.co.za>, Riaan Smit <SmitR@eskom.co.za>, Makoanyane Theku <ThekuFM@eskom.co.za>, Dudu Hadebe <HadebDP@eskom.co.za>
Date: 09/02/2017 11:53
Subject: RE: Atlantis gas-to-power EIA: Comment needed from Eskom
Attachments: RE: Atlantis gas-to-power EIA: Servitude information

Hi Kelly

I have previously provided feedback to Rudolph du Toit wrt "grid connectivity and capacity". You were copied in the email. See attached.

Regards
Ahmed Hansa Pr. Eng

Grid Planning (Western Cape)
First Floor, Block D (D1Z37)
Megawatt<http://g.co/maps/fwmst> Park
1 Maxwell Drive, Sunninghill, 2157

From: Ahmed Hansa <HansaA@eskom.co.za>
To: "RduToit@csir.co.za" <RduToit@csir.co.za>
CC: Ahilan Kailasanathan <KailasA@eskom.co.za>, Joe Coelho <CoelhoJ@eskom.co.za>, Barbara Van Geems <vGeemsB@eskom.co.za>, "Edgar Capes(Edgar.Capes@capetown.gov.za)" <Edgar.Capes@capetown.gov.za>, John Geeringh <GeerinJH@eskom.co.za>, Michiel Goosen <GoosenMD@eskom.co.za>, "KellyStroebel (KStroebel@csir.co.za)" <KStroebel@csir.co.za>
Date: 09/02/2016 15:49
Subject: RE: Atlantis gas-to-power EIA: Servitude information

Hi Rudolph

A major project is planned for the Koeberg 400 kV busbar, and that project has been subjected to many technical hurdles. It is therefore recommended that we consider integration at Ankerlig only

Ankerlig has constraints with regards to servitudes and line crossings that will have to be overcome. There are also Eskom plans to increase the generation at this Power Station in the long term.

On the 400 kV side, we have opted to utilise one of the 400/132 kV transformer bays as a feeder bay for the new Ankerlig-Sterrekus Double Circuit Line so 400 kV spare feeder bays are limited, possibly non-existent. Connection at 400 kV may be possible with a loop-in and out as opposed to dedicated feeders. We would possibly have to wait for this double circuit line to be completed to aid with power evacuation under N-2 considering that this new generation will form part of a generation pool (Koeberg + Ankerlig) already exceeding 2000 MW. This is a Grid Code requirement for generation exceeding 1000 MW.

With one transformer bay available, integration at 132 kV will therefore be reliant on a single 400/132 kV 500 MVA transformer which will not suffice for more than 500 MW, a site visit will have to be undertaken to determine the availability of space for a second transformer, possibly a third. We also have

to avoid crossing a planned 132 kV dedicated offsite supply line for Koeberg. This makes access to the substation very restrictive, a cable solution may have to be evaluated at 132 kV if this is a preferred integration option which is quite unlikely. We may also need clarification as to whether the newly built 132 kV busbar is dedicated for the offsite supply or whether it can zoned to accommodate customers/generators. Nonetheless, it will require 400/132 kV transformation.

In summary, integration will most likely be at 400 kV and will be dependent on the planned new double circuit 400 kV Ankerlig-Sterrekus 400 kV line scheduled for completion in 2019.

Additional information pertaining to you query can be sourced from the following:

The Grid Connection Capacity Assessment of the 2022 Transmission Network (GCCA-2022)<http://www.eskom.co.za/WHATWEREDOING/GCCAREPORT/Pages/Default.aspx> document will help you to establish the available capacity across the national grid for the connection of new generation at the substations on the Eskom transmission network that may be in service by 2022 based on both approved and proposed new transmission infrastructure projects. The GCCA-2022 includes all of the projects that are expected to be completed by 2022 as contained in the Transmission Development Plan (TDP) for the period 2015-2024 (issued in October 2014). This is to provide developers and investors with an indication of the potential available capacity for the connection of new generation at or within the supply areas of the transmission substations on the Eskom transmission network by 2022 based on the 2014 TDP.

You may also find additional information related to your query in the current version of the TDP (2016-2025<http://www.eskom.co.za/Whatweredoing/TransmissionDevelopmentPlan/Pages/Transmission_Development_Plans.aspx>) (released in October 2015).

Should you require additional information to that contained in the above, kindly contact the Grid Access Unit (GAU)<http://www.eskom.co.za/Whatweredoing/Pages/Info_Site_For_IPPs.aspx> with regards to a formal application.

Regards

Ahmed Hansa Pr. Eng

Grid Planning (Western Cape)

First Floor, Block D (D1Z37)

Megawatt<http://g.co/maps/fwmst> Park

1 Maxwell Drive, Sunninghill, 2157

From: Riaan Smit
Sent: 08 February 2017 01:53 PM
To: Dudu Hadebe; Ahmed Hansa; Makoanyane Theku
Cc: John Geeringh; Edgar-John Kleinveld
Subject: FW: Atlantis gas-to-power EIA: Comment needed from Eskom

Dudu & Ahmed & Makoanyane

Could you please assist John to provide the required feedback.
Please contact Kelly as requested.

Regards

Riaan Smit Pr.Eng. B.Eng.Electrical MBA SMSAIEE

Chief Engineer
Power Delivery Engineering: Planning Centre of Excellence
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[E-mail signature with 20 year freedom logo 70%]

From: Kelly Stroebel [mailto:KStroebel@csir.co.za]
Sent: 07 February 2017 02:50 PM
To: John Geeringh
Cc: Ronald Marais; Riaan Smit; Sibulele Mdingi; John Geeringh
Subject: Atlantis gas-to-power EIA: Comment needed from Eskom

Good Day Mr. Geeringh,

With regards to the project below, we have had a request from The Department of Environmental Affairs that we seek comment from you regarding this project, with specific emphasis on grid connectivity and capacity.

We are in the phase of conducting the Environmental Impact Assessment for this project, and DEA has flagged Eskom as a vital stakeholder in the process. Throughout the scoping process we have been posting electronic copies of the report to Eskom Transmission, with no comments received to date.

Would it be possible for us to engage on this matter and for you to provide written comments on how this project could impact on grid connectivity and available capacity? We would be happy to send through electronic copies of the report for you to view, should you not be in possession of them.

You assistance would be greatly appreciated and I hope we can receive some feedback from Eskom Transmission in the near future.

Kindly let me know if you have any further queries relating to the above.

Kind Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

_____

kstroebel@csir.co.za<mailto:kstroebel@csir.co.za>
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

[cid:image008.png@01D282CB.01F5E5B0]

>>> Kelly Stroebel 19/10/2016 10:21 >>>
Dear Stakeholder,

RE: PROPOSED ATLANTIS GAS-TO-POWER FACILITY ON PORTION 1 OF PORTION 4 OF CAPE FARM 1183, WESTERN CAPE

NOTICE OF RELEASE OF DRAFT SCOPING REPORT FOR PUBLIC REVIEW AND RE-SUBMISSION OF APPLICATION FOR EA

Please find attached letter notifying you of the release of the Draft Scoping Report (October 2016) for the above-mentioned project in terms of the National Environmental Management Act (No. 107 of 1998) and its amended Regulations 983, 984, and 985; as promulgated on 4 December 2014. You are invited to provide written comments on the Draft Scoping Report and/or to register as an Interested and Affected Party (I&AP) by submitting the attached comments and registration form on or before 30 November 2016 to:

Ms Kelly Stroebel (CSIR)
PO Box 320, Stellenbosch, 7599
Tel: 021 888 2432
Fax: 021 888 2473
Email: kstroebel@csir.co.za<http://kstroebel@csir.co.za/>

Hard Copies of the Draft Scoping Report are available at the Avondale Public Library (Civic Centre, Grosvenor Avenue, Avondale, 7349) and on the project website at:
http://www.csir.co.za/AtlantisEIA/

Please find information in the letter attached regarding the outcome of the appeal procedure for this project and the way forward. Please also note that if you have registered for this project as part of the 2015 process, you do not need to re-register. In addition, any comments received on the Draft Scoping Report of December 2015 have been included and considered in this Draft Scoping Report of October 2016.

If you have any queries or require further information, please do not hesitating to contact me.

Kind Regards,

Kelly Stroebel
Environmental Assessment Practitioner (EAP)
CSIR Stellenbosch

_____

kstroebel@csir.co.za<mailto:kstroebel@csir.co.za>
Tel. : 021 888 2432
PO Box 320, Stellenbosch, 7599

Comments received on the Draft Environmental Impact Assessment Report: 22nd March 2017

environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Private Bag X 447 PRETORIA 0001-Environment House 473 Steve Biko Road, Arcadia, PRETORIA
Tel (+ 27 12) 399 9372

DEA Reference: 14/12/16/3/3/2/981
Enquiries: Ms Mmamohale Kabasa
Telephone: (012) 399 9420 **E-mail:** MKabasa@environment.gov.za

Ms Kelly Stroebel
Council for Scientific and Industrial Research
PO Box 320
STELLENBOSCH
7599

Telephone Number: (021) 888 2432
Email Address: kstroebel@csir.co.za

PER E-MAIL / MAIL

Dear Ms Stroebel

COMMENTS ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED 1500 MW ATLANTIS GAS POWER FACILITY ON PORTION 1 OF PORTION 4 OF THE CAPE FARM 1183 WITHIN THE ATLANTIS INDUSTRIAL ZONE OF THE CITY OF CAPE TOWN METROPOLITAN MUNICIPALITY IN THE WESTERN CAPE PROVINCE

The draft Environmental Impact Assessment report (EIAr) dated March 2017 and received by this Department on 20 March 2017 refers.

This Department has the following comments on the abovementioned application:

i. Please ensure that all relevant listed activities are applied for, are specific and that it can be linked to the development activity or infrastructure as described in the project description.
ii. If the activities applied for in the application form differ from those mentioned in the final EIAr, an amended application form must be submitted. Please note that the Department's application form template has been amended and can be downloaded from the following link https://www.environment.gov.za/documents/forms.
iii. Please ensure that all issues raised and comments received during the circulation of the draft EIAr from registered I&APs and organs of state which have jurisdiction (including this Department's Biodiversity Section) in respect of the proposed activity are adequately addressed and included in the final EIAr. Proof of correspondence with the various stakeholders must be included in the final EIAr. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments. The Public Participation Process must be conducted in terms of Regulation 39, 40 41, 42, 43 and 44 of the EIA Regulations 2014 as amended.
iv. A Comments and Response trail report (C&R) must be submitted with the final EIAr. The C&R report must incorporate all historical comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Annexure 1 of this comments letter. Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "noted" is not regarded as an adequate response to I&AP's comments.

v. Please note that the final EIAr must comply with all conditions of the acceptance of the scoping report (SR) signed on 01 February 2017 and must address all comments contained in the final SR and this letter. The Department notes with concern that the draft EIAr does not contain all requested information and that the EAP's responses to this request has been "that the requested information falls outside the scope of this EIA process." This is unacceptable and the EAP is strongly advised to ensure that the final EIAr complies with the acceptance of the SR, and your attention is drawn to Appendix 3, 3(v) of the EIA Regulations, 2014 as amended, for ease of reference.

vi. The Atlantis Sand Fynbos (Critically Endangered) and the Cape Flats Dune Strandveld (Endangered) vegetation types will be affected by the development. In addition to the offset plan, the Department requires the EAP to provide additional mitigation measures for the protection of sensitive species on the development site. As such, the Department requires that a plant rescue and protection plan form part of the final EIAr.

vii. The preferred site is located within the 5-16km Urgent Protection Zone (UPZ) boundary of the Koeberg Nuclear Power Station (KNPS). This will result in increased movement of people and vehicles within the UPZ. The Department notes that no further information is provided in the draft EIAr, nor the Risk Assessment Report regarding the implications of the results from the KNPS Traffic Evacuation Model (TEM) and any relevant mitigation measures.

viii. The motivation provided for not including an emergency and preparedness and response plan with the EMPr is not accepted due to the possible risk associated with the facility and location within the UPZ. The EAP is advised to include an emergency and evacuation plan with the final EIAr. The following information must form part of the plan:
» Identification of areas where accidents and emergency situations may occur;
» Communities and individuals that may be impacted;
» Response procedure;
» Designation of responsibilities;
» Communication line; and
» Training schedule to ensure effective response to potentially affected communities.

ix. The EMPr must include a provision to make the following reports available to the Department and applicable competent authority on request: alien/invasive plant management report; plant rescue and protection report; and re-vegetation and habitat rehabilitation report.

x. Please ensure that all mitigation recommendations are in line with applicable and most recent guidelines.

xi. This Department reiterates that the preferred connection route for the gas pipeline must be identified and impacts thereof assessed in the final EIAr. This Department does not accept the response provided by the EAP in the draft EIAr as this is a huge information gap and may result in an uninformed decision being made by the Department.

xii. Should there be any other similar projects within a 30km radius of the proposed development site, the cumulative impact assessment for all identified and assessed impacts must be refined to indicate the following:
- Identified cumulative impacts must be clearly defined, and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
- Detailed process flow and proof must be provided, to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
- The cumulative impacts significance rating must also inform the need and desirability of the proposed development.
- A cumulative impact environmental statement on whether the proposed development must proceed.

xiii. The EIAr must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions.

xiv. The preferred Layout Plan with the preferred substation, service routes, existing roads and new roads, and construction camp must be indicated in the final EIAr. A map combining the final Layout Plan superimposed (overlain) on the environmental sensitivity map must also be included in the final EIAr.

xv. The EIAr must clearly indicate the following:
- The envisioned area for the proposed facility; i.e. placing of all associated infrastructure should be mapped at an appropriate scale.
- The preferred layout and length of the evacuation powerline.
- Description of all associated infrastructure. This description must include, but is not limited to the following:
  - Powerlines;
  - Access and internal roads infrastructure; and
  - All supporting onsite infrastructure such as laydown area, guard house and control room.

xvi. A copy of the final site layout map must be submitted with the EIAr. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:
- Positions of the power island, steam turbine and generator, fuel storage tanks, water storage reservoir and tanks, water and gas supply pipelines;
- Permanent laydown area footprint;
- Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible);
- Access route;
- Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used;
- The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure;
- Substation(s) and/or transformer(s) sites including their entire footprint;
- Connection routes (including pylon positions) to the distribution/transmission network;
- All existing infrastructure on the site, especially roads;
- Buffer areas;
- Buildings; and
- All "no-go" areas.

xvii. Please ensure that all hardcopy and softcopy maps are clear and legible. Hardcopy maps must be at least A3 size.

xviii. The EAP is further requested to ensure that the electronic version of the final EIAr is one concise pdf file, and not separate chapters to ensure a smooth and efficient review of the report.

xix. You are further reminded that the final EIAr to be submitted to this Department must comply with all the requirements in terms of the scope of assessment and content of the EIAr in accordance with Appendix 3 of the EIA Regulations, 2014 as amended.

xx. Please also verify the listed activities applied for against the listed activities in the EIA Regulations 2014 as amended on 7 April 2017.

xxi. Further note that in terms of Regulation 45 of the EIA Regulations 2014 as amended, this application will lapse if the applicant fails to meet any of the timeframes prescribed in terms of these Regulations, unless an extension has been granted in terms of Regulation 3(7).

xxii. The EAP is requested to contact the Department to make the necessary arrangements to conduct a site visit prior to the submission of the final EIAr.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours faithfully

Mr Sabelo Malaza
Chief Director: Integrated Environmental Authorisations
Department of Environmental Affairs
Signed by: Mr Coenrad Agenbach
Designation: Deputy Director: Strategic Infrastructure Developments
Date: 21/04/2017

cc:	Mr. A Human	City of Cape Town Metropolitan Municipality	Email: andre.human@capetown.gov.za

Annexure 1

Format for Comments and Response Trail Report:

Date of comment, format of comment name of organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
27/01/2016 Email Department of Environmental Affairs: Strategic Infrastructure Development (John Soap)	Please record C&R trail report in this format Please update the contact details of the provincial environmental authority	EAP: (~~Noted~~)The C&R trail report has been updated into the desired format, see Appendix K EAP: Details of provincial authority have been updated, see page 16 of the Application form

5

Adri La Meyer
DIRECTORATE: DEVELOPMENT FACILITATION
Adri.LaMeyer@westerncape.gov.za

REFERENCES:
16/3/3/6/4/2/1/A1/2/3064/17 (Development Management)
19/2/5/3/A1/2/WL0118/16 (Waste Management)
19/4/4/BC5/B/Gas-to-power facility – Atlantis (Air Quality Management)

DATE: **24 April 2017**

The Board of Directors
CSIR Environmental Management Services
P.O. Box 320
STELLENBOSCH
7599

For attention: Ms Kelly Stroebel

Tel: (021) 888 2432
E-mail: kstroebel@csir.co.za

Dear Madam

COMMENT ON THE DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED ATLANTIS GAS-TO-POWER FACILITY AND ASSOCIATED INFRASTRUCTURE ON PORTION 1 OF PORTION 4 OF CAPE FARM NO. 1183, ATLANTIS INDUSTRIAL (DEA REF: 14/12/16/3/3/2/981)

1. The Draft Scoping Report ("DSR") dated October 2016, the Department's comments thereto dated 30 November 2016 and the Draft Environmental Impact Assessment ("EIA") Report dated March 2017 that was received by the Department on 20 March 2017, refer. The following consolidated comment from various directorates in the Department is hereby offered.

2. Directorate: Development Management (Region 1) – Keagan-leigh Adriaanse (Keagan-leigh.Adriaanse@westerncape.gov.za; Tel: (021) 483 3763):

2.1 Activity Description

2.1.1 A detailed description of storm water management was not provided in the Draft EIA Report and must be included in the Final EIA Report to be submitted to the competent authority.

2.1.2 This Directorate's comments on the DSR dated 30 November 2016 indicated that Activity 14 of Government Notice ("GN") No. R. 983 of 4 December 2014 may be triggered by the proposed development. Page 63 of the Comments and Responses Report ("CRR") indicates that no dangerous goods will be stored on the site. However, page 2-4 of the Draft EIA Report indicates that 1 x 10 000m^3

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tel: +27 21 483 2887 fax: +27 21 483 4185 www.westerncape.gov.za/eadp

storage vessel for the storage of gas and other fuels is proposed. In addition, the Atmospheric Impact Assessment Report (compiled by Umoya-Nilu dated March 2016) and the Risk Assessment (compiled by Riscom (Pty) Ltd dated 16 June 2016) refer to the storage of approximately 10 000m³ of diesel which may be used during emergencies or prior to the availability of liquefied natural gas. The Risk Assessment further indicates that a filling station, which will be used to fill company vehicles with diesel and petrol, was assessed as part of the study.

2.1.3 The Environmental Management Programme ("EMPr") includes mitigation measures related to the storage of ammonia, hydrogen and chlorine. However, the storage of these substances was not included in the activity description.

2.1.4 A description of the dangerous goods and volumes to be stored on site must be provided in the activity description.

2.2 Applicable listed activities

2.2.1 On 7 April 2017, the Minister of Environmental Affairs made amendments to the EIA Regulations, 2014, published under GN No. R. 982 in Gazette No. 38282 of 4 December 2014 in terms of sections 24(5) and 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998). The amendments to the EIA Regulations of 2014 and its listing notices came into effect on 7 April 2017.

2.2.2 The applicable similarly listed activities in terms of the EIA Regulations, 2014 (as amended) must be included in the Final EIA Report.

2.2.3 Since more than 500m³ of dangerous goods may be stored on the site, Activity 4 of GN No. R. 984 of 4 December 2014, as amended, may be triggered by the proposed development and should be applied for, if applicable.

2.2.4 The road reserve width of the proposed internal roads must be provided. Should the proposed internal roads have a reserve of less than 13.5m, Activity 4 of G No. R. 985, as amended, will be triggered by the proposed development since the proposed site is located outside an urban area and contains indigenous vegetation.

2.3 Power evacuation

2.3.1 Two options have been identified for the evacuation of electricity. Page 2-12 of the Draft EIA Report indicates that the preferred option for power evacuation is Option 1, which is proposed to integrate at the Ankerlig busbar only. However, the activity description on page 2-4 of the Draft EIA Report includes the development of a transmission line from the proposed development to the Omega substation, which will be approximately 13km in length (Option 2). Clarity is therefore required.

2.4 Specialist input

2.4.1 This Directorate notes that a Traffic Impact Assessment ("TIA") and Social Impact Assessment ("SIA"), as requested by the Department of Environmental Affairs (in their correspondence dated 1 February 2017), has not been undertaken.

2.4.2 Page 6-56 of the Draft EIA Report refers to a previous traffic assessment conducted for the Ankerlig power station conversion and transmission integration project (compiled by Savannah Environmental (Pty) Ltd dated October 2008). Although a traffic assessment was previously undertaken for the development of the Ankerlig power station, the assessment is outdated and the

findings of the previous traffic assessment cannot be directly applied to the potential traffic impacts associated with the proposed development.

2.4.3 Page 6-64 of the Draft EIA Report refers to the environmental authorisation issued by this Directorate on 16 January 2013 (reference 16/3/1/1/A1/2/3036/12), which indicates that the green manufacturing facility will not have a detrimental impact on the socio-economic environment.

2.4.4 Although the potential traffic and social impacts were assessed as part of the previous EIA application for the development of a green manufacturing facility, the potential traffic and social impacts associated with the proposed gas-to-power facility may result in additional impacts. It is therefore advised that a TIA and SIA be conducted for the proposed development.

2.4.5 This Directorate is pleased to note that greenhouse gases and potential impacts on climate change have been reported on as part of the Atmospheric Impact Report.

2.5 Services

2.5.1 You are reminded that confirmation that the local authority has sufficient, spare and unallocated capacity to provide water, sewage disposal, refuse removal and initial electricity services must be obtained and included in the Final EIA Report to be submitted to the competent authority.

2.6 EMPr

2.6.1 The recommended mitigation measures provided in the Risk Assessment must be included in the EMPr.

2.6.2 Page 64 of the EMPr refers to "*Outsiders moves into the Kenhardt area*". This error must be corrected.

2.7 General

2.7.1 A map of the proposed powerline route must be provided.

2.7.2 This Directorate's comments on the DSR dated 30 November 2016 indicated that the correct property description for the preferred alternative site must be provided. Page 62 of the CRR indicates that the correct property description is Portion 1 of Portion 4 of Cape Farm No. 1183. However, sections of the Draft EIA Report refer to Portion 1 and Portion 4 of Cape Farm No. 1183. This error must be corrected.

2.7.3 Page 2-12 of the Draft EIA Report refers to Appendix S, page 47 for important information by DEA&DP regarding the pipeline and pages 56 – 58 for information regarding the powerline capacity at Ankerlig. Please be advised that Appendix S ends at page 44.

2.7.4 The information regarding the pipeline is located on pages 40 – 41 of the Draft EIA Report and is supplied by the Western Cape Government Department of Economic Development and Tourism (and not this Department).

2.7.5 The information regarding the powerline capacity is located on pages 42 – 44 of the Draft EIA Report. These errors must be corrected.

3. Directorate: Waste Management – Gary Arendse (Gary.Arendse@westerncape.gov.za; Tel: (021) 483 3872):

3.1 This Directorate is satisfied that that its comments on the DSR dated 30 November 2016 have been addressed and incorporated in the Draft EIA Report and EMPr. No further comment is offered.

4. Directorate: Air Quality Management – Peter Harmse (Peter.Harmse@westerncape.gov.za; Tel: (021) 483 8343):

4.1 This Directorate notes that that its comments on the DSR dated 30 November 2016 have been addressed and incorporated in the Draft EIA Report and EMPr. No further comment is offered.

5. Please direct all enquiries to the officials indicated in this correspondence should you require any clarity on any of the issues/comments provided.

6. The Department reserves the right to revise initial comments and request further information based on the information received.

Yours faithfully

pp **HEAD OF DEPARTMENT**
DEPARTMENT OF ENVIRONMENTAL AFFAIRS AND DEVELOPMENT PLANNING

CC: Mmamohale Kabasa (DEA) E-mail: mkabasa@environment.gov.za

TDA CAPE TOWN
The City of Cape Town's Transport and Urban Development Authority

Morné Theron
Senior Environmental Professional
Environmental & Heritage Management Branch
Environmental Management Department

T + 27 21 444 0601
E morne.theron@capetown.gov.za

24 April 2017

The Director
Council for Scientific and Industrial Research (CSIR)
P.O. Box 320
STELLENBOSCH
7599

Attention: Ms K. Stroebel

[e-mail: kstroebel@csir.co.za]
Tel: 021 888 2490
Fax: 021 888 2432

Dear Madam

ERF 171 (Previously Remainder Cape Farm 1183 and Ptn 4 of CFM 93) AND ERF 277 (Previously Ptn 1 & 4 of Cape Farm 1183), ATLANTIS: DRAFT ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR THE PROPOSED ATLANTIS GAS-TO-POWER PROJECT
[DEA Reference: 14/12/16/3/3/2/981]
[City Reference: B21/1/2/2/234]

The abovementioned draft EIR report, dated March 2017, as compiled by CSIR, refers.

1. A copy of the City of Cape Town comment, dated 30 November 2016, on the revised draft scoping report has not been included in the draft EIR (Appendix G). Please include in the final EIR? It is however noted that the content of the aforementioned omitted comment was recorded in the Issues and Responses Trail (Appendix H).
2. During the BID it was requested that the Koeberg Nuclear Power Station Traffic Evacuation Model (TEM) proforma table must be populated and included in the various scoping and environmental impact assessment reports (also refer to Section 1.1 of the Issues and Responses Trail (Appendix H)).

   2.1 On page 3-21 of the draft Scoping Report, dated October 2016, and again on page 3-21 of the draft EIR the anticipated population increase is stated as 200 construction workers and 20 permanent workers. These figures of 200 (temporary) and 20 (permanent) anticipated population increases where tested in the TEM and it was confirmed that the current road network can accommodate the safe evacuation of the population within the prescribed timeframes.

   2.2 Yet on page 7-13 of the draft EIR these figures are contradicted by suddenly stating that between 90 and 150 skilled and 400 and 460 unskilled employment opportunities are expected to be created during the construction phase. The draft EIR further continues to state that 20 skilled and 40 unskilled employment opportunities will be created during the operational phase. Therefore the worst-case scenario amounts to 610 temporary construction phase jobs and 60 permanent operational phase jobs will be generated. There is a huge difference between a 200 (temporary) and 20 (permanent) anticipated population increase, versus a 610 (temporary) and 60 (permanent) anticipated population increase. Please be consistent throughout the report and provide the correct figures in order to re-run the TEM model.

Until such time as the correct TEM figures have been provided the City cannot confirm whether the proposed development can be safely evacuated.

3. It is acknowledged that the preferred road access onto the local road network will be at the southern end of the site onto Neil Hare Road or Gideon Basson. On page 6-56 reference is made to the proposed access road shown in Figure 6.11. The incorrect figure is stated. Indeed there is no figure in the document that illustrates the preferred access road. Please correct in order to clarify any future confusion.

   3.1 The City of Cape Town: TDA: Asset Management & Maintenance (former TCT) consistently indicated through the preceding EIA phases that a proposed access off Neil Hare Road on the northern end of the site, which necessitates a level crossing across the City owned railway line, is not supported. Yet it is noticed that the EAP persists to include this road access as an alternative option. It is questioned why this is done and why the option is not omitted in its entirety?

   3.2 It is requested that the preferred road access be included as a proposed conditions of the EA within section 7 of the final EIR, and/or as a mitigation measure in the EMPr.

4. Part B.6, item 12.14 (Page 64) of the draft EMPr refers to '*outsiders moving into the Kenhardt area*'. It must be assumed that this is a copy-and-paste mistake as the Kenhardt areas does not relate to Atlantis. Please remove.

Yours faithfully

Pat Titmuss
Regional Manager: Environmental & Heritage Management – Northern Region

Copy: Director: Integrated Environmental Authorizations
Department of Environmental Affairs
Private Bag X447
PRETORIA, 0001

Attention: Mr Lerato Mokoena [via e-mail: lmokoena@environment.gov.za]

CapeNature

SCIENTIFIC SERVICES

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email rsmart@capenature.co.za
reference SSD14/2/6/1/4/1/1183-0&4_gas power_Atlantis
date **24 April 2017**

CSIR
P.O. Box 320
Stellenbosch
7599

Attention: Kelly Stroebel
By email: kstroebel@csir.co.za

Dear Kelly

Draft Environmental Impact Assessment Report for the Proposed Atlantis Gas-to-Power Project on Portion 1 of Portion 4 of Cape Farm 1183, Atlantis, Cape Town
(DEA ref. no.: 14/12/16/3/3/2/882)

CapeNature would like to thank you for the opportunity to comment on the proposed development and would like to make the following comments. Please note that our comments only pertain to the biodiversity related impacts and not to the overall desirability of the proposed development.

Introduction

CapeNature has previously commented on the Background Information Document, Draft Scoping Report and the Amended Draft (Final) Scoping Report. It is noted that CapeNature's comments on the Amended Draft Scoping Report have not been included within the appendices for Draft Environmental Impact Assessment (EIA) Report, including the issues and responses trail. We have therefore submitted this comment again, as it remains relevant to the comment on the Draft EIA Report. It should be noted that the latter comments also addressed statements contained within the Refusal Decision and Appeal Decision from the Department of Environmental Affairs (DEA).

Biodiversity Offset

As has been stated in our previous comments, a key factor for consideration of the application with regards to the impacts on biodiversity on the site is the biodiversity offset that has been secured. We did however recommend that further explanation should be provided regarding the biodiversity offset in terms of the relevant policies and guidelines, particularly considering the statements included within the Appeal Decision.

It is noted that the Integrated Reserve Management Plan (IRMP) for the Klein Dassenberg Nature Reserve has been included as the Biodiversity Offset Report, as the Klein Dassenberg Nature Reserve has been secured as the receiving offset site for the subject development site.

The following discussion of the biodiversity offset is in reference to the Draft National Biodiversity Offset Policy which is currently available for public comment (GN40733, 31 March 2017) and the Draft Western Cape Guideline on Biodiversity Offsets. It should be

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noted that the provincial guideline was drafted to be complementary to the national policy providing more detailed and specific guidelines within the framework of the policy.

With reference to both the policy and guideline:

- Biodiversity offsets are required if the residual impact following the mitigation hierarchy is of high or medium significance. The mitigation hierarchy for addressing impacts is to first avoid, then minimize, then mitigate/restore and only then offset the residual impact. According to the botanical specialist study, the impact prior to mitigation is of high negative significance. The only acceptable mitigation that was recommended was a biodiversity offset, as the other mitigation measures were not considered to be adequate.

- In terms of following the mitigation hierarchy, reference should be made to the need and desirability of the project, as well as the alternatives analysis. The need and desirability is addressed in Table 1.1 in Chapter 1 and the alternatives are discussed in Chapter 5.

- It should be noted that the ratios for offsets that were referred to in the botanical specialist study were relevant when the study was undertaken (2012). These ratios have since been refined.

  The ratios used were: 1:1 (lost:conserved) for Endangered vegetation types (Cape Flats Dune Strandveld) within the urban edge which occurs over ±90% of the site; and 1:2 for Critically Endangered vegetation types (Atlantis Sand Fynbos) which occurs over ±10% of the site.

  The initial site which was acquired (Portion 9 of Farm 20), is 256.32 ha, which was used to offset both sites of the "Atlantis Green Technology Hub" (i.e. both site alternatives) which are 68 ha in total, resulting in a ratio of 1:3.77. Therefore the area conserved was in excess of the calculated ratios and as such the conservation area could function as a receiving area for further biodiversity offsets.

  It should be noted that further land has been acquired to form the Klein Dassenberg Nature Reserve (further detailed in the IRMP discussed above) with a total area of 535.94 ha resulting in a ratio of 1:7.88, although it should be noted that the nature reserve is already a receiving area for additional biodiversity offsets.

- The Draft EIA Report should have discussed the biodiversity offset with reference to the biodiversity offset policy and guideline as we have above, and had recommended in previous comments.

Project Alternatives

Chapter 5 deals with project alternatives. In terms of the two site alternatives, the impacts on biodiversity can be considered to be similar taking into consideration that the impact on terrestrial biodiversity for the entire extent of both sites has been offset off-site. Bearing this in mind, the no-go alternative is therefore likely to still result in the loss of all the natural vegetation on site due to the existing development rights which have not been exercised.

The selection has of Site 2 as the preferred alternative has been made based on socio-economic factors. CapeNature does not object to the selection of Site 2 as the preferred location alternative.

In terms of alternatives for energy generation, it should be noted that CapeNature does not comment on issues related to air quality and climate change, however as a general statement we do support the investigation and implementation of technologies which reduce the potential for climate change as a result of greenhouse gases, as this indirectly impacts on biodiversity.

Project Components

In terms of the project description, a basic conceptual layout is now available. The proposed facility will encompass the majority of the site. It is assumed that a more detailed layout will require finalization regarding the source of gas and the evacuation of electricity from the site before this can be completed. Since the offset is relevant to the entire site, we do not object to evaluation of the current basic conceptual layout, however as mentioned in previous comments, we still encourage best practice management on the sections of the site which will not be built upon.

Two alternatives have been presented for evacuation of power from the facility, namely either integration at the Ankerlig Busbar or a powerline following the same route as the existing powerlines to the Omega Substation south of the site. These alternatives are not discussed in the alternatives section or evaluated in terms of the potential impacts. It is likely that the integration at the Ankerlig Busbar will be preferred from a biodiversity perspective, as this will not require a powerline of several kilometres in length.

Based on the information provided, it is assumed that the evacuation of power has not been included for authorisation, but instead to present the project in a broader context.

An avifaunal specialist assessment has been included, which has focused on the powerline linking to Omega Substation. The proposed powerline will not traverse important bird habitats or flyways and only two species were highlighted as potentially being of concern, namely Blue Cranes and Great White Pelicans. The location adjacent to an existing line would reduce the impacts as opposed to an alignment where there is no existing impact. The findings of the avifaunal study were that the proposed powerline would be acceptable provided the recommended mitigation measures are implemented, which CapeNature agrees with, although as stated above the integration with the Ankerlig Busbar is the preferred alternative.

The powerline alternative would need to be assessed within a specialist study in terms of the impact on terrestrial habitat should this be considered for authorisation within this application. It should be noted that the alignment does traverse Critical Biodiversity Areas (CBAs) in terms of the Biodiversity Network for the City of Cape Town and the Western Cape Biodiversity Spatial Plan.

Environmental Management Plan

In the correspondence for acceptance of the Scoping Report, DEA listed several requirements for inclusion in the Environmental Management Plan (EMP) for the proposed project, including an alien invasive management plan, a plant rescue and protection plan, a revegetation and habitat rehabilitation plan, an open space management plan, a stormwater management plan, a fire management plan and an erosion management plan.

These issues have been more or less addressed in the EMP. The following should however be implemented:

- The Alien Invasive Management Plan (Section 4) should stipulate that alien clearing should be undertaken according to standard best practice i.e. cut-stump and herbicide.
- The Open Space Management Plan should stipulate that even although the site has been offset, clearing of vegetation should be restricted to the development footprint apart from alien invasive species.
- Although search and rescue is not considered as mitigation for habitat loss, the opportunity should be provided for collection of plant material from the site for habitat restoration elsewhere, particularly of the three threatened species encountered on site.

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- The specimens of *Leucospermum parile* along Neil Hare Road can be retained, if not located within the development footprint (refer to Figure 2.10 in the EIA Report and Figure 4 of the botanical specialist report). The same applies to the other threatened species present.
- The stormwater management plan must be approved by the Catchment and Stormwater Management Branch of the City of Cape Town.

In conclusion, CapeNature does not object to the proposed project, however the EIA Report should be amended to address the above comments.

CapeNature reserves the right to revise initial comments and request further information based on any additional information that may be received.

Yours sincerely

Rhett Smart
For: Manager (Scientific Services)

cc. Mmamohale Kubasa, Department of Environmental Affairs
Adri La Meyer, Department of Environmental Affairs and Development Planning

environmental affairs
Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA

Reference : 14/12/16/3/3/2/981
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DIRECTOR: INTEGRATED ENVIRONMENTAL AUTHORISATIONS

REQUEST FOR COMMENTS: PROPOSED ATLANTIS GAS TO POWER FACILITY ON PORTION 1 AND PORTION 4 OF CAPE FARM 1183 WITHIN WESTERN PROVINCE

1. PURPOSE.

To provide you with comments on the Draft Environmental Impact assessment Report (DEIR) for the above mentioned project in the Western Cape Province.

2. COMMENTS ON THE ENVIRONMENTAL IMPACT ASSESSMENT REPORT

The Directorate: Biodiversity Conservation evaluated and reviewed the EIR and the following were noted:

- The proposed development fall within Portion 1 and 4 of the farm Cape 1183 which is situated in the Atlantis Industrial Area.
- The proposed development falls within two vegetation types namely Cape Flats Dune Strandveld and Atlantis Sand Fynbos.
- The two vegetation types merge along the southern portion of the proposed site. Cape Flats Dune Strandveld is classified as endangered and Atlantis Sand Fynbos is classified as critically endangered. Therefore, proper mitigation measures must be implemented to prevent further decline of the species.
- The site is surrounded by a mix of open but alien infested land, industrial buildings, railway lines and roads.
- The vegetation within the proposed site is recognised as critically important areas for biodiversity importance.
- There are also high numbers of the endangered *mesemb Ruschia indecora* throughout the site, particularly the periphery and disturbed portions of the natural vegetation

- Two artificial wetlands or retention ponds were identified, which includes a small excavated pond towards the middle of the site and a larger retention pond at the south-eastern corner located at waypoint.
- The development of the site would results in loss of all vegetation on the site, with intact vegetation and important species.

3. RECOMMENDATIONS

After the evaluation of the Avifaunal, Botanical and Faunal Assessment Reports submitted for the proposed development, the following is recommended to be included in the Environmental Authorisation:

- Sensitive areas should be allocated as conservation areas, in particular the intact Cape Flats Dune Strandveld. The CBAs, ESAs, and areas identified as sensitive during this study should be used as the basis for developing a conservation plan that ensures that the natural vegetation surrounding the proposed development is responsibly managed, and
- All the No-Go areas must be avoided from the construction phase and proper mitigations must be implemented to maintain the intact Cape Flats Dune Strandveld.
- All watercourses within the proposed area must be avoided by development activities, including a suitable buffer zone to avoid impacts on these water courses.
- The position of the intact vegetation means that the development alternative is only likely if a biodiversity offset is offered to compensate for loss of biodiversity important species. Therefore, The Sub-Directorate: Biodiversity Planning must be consulted for further offset investigations and submission of the offset management plan
- Mitigation options must be considered in terms of the following hierarchy: (1) avoidance, (2) minimization, (3) restoration and (4) offsets.
- Recommendations by the Botanical Impact Assessment Specialist must be adhered to.
- Cape Nature must be consulted for comments and their comments should be adhered to prior to an Authorisation issued.
- For all species protected in terms of National and Provincial Legislation within the proposed development areas, permits must be obtained from relevant authorities before construction commence.
- Rehabilitation and Re-vegetation together with the Protected Plant Rescue and Protection Plans are supported and must be implemented and adhered to

4. CONCLUSION

The Directorate: Biodiversity Conservation has noted that the proposed industrial development would impact on two vegetation types, which includes a large portion, and several smaller portions of endangered good quality Cape Flats Dune Strandveld within the northern half of the site, with high numbers of the endangered mesemb *Ruschia indecora*. The second portion of vegetation occurs along the southern boundary in a relatively narrow strip, comprising critically endangered, medium quality, Atlantis Sand Fynbos. Both vegetation types, in particular the large portion of Cape Flats Dune Strandveld and the population of *Leucospermum parile* are of high conservation importance. The proposed offset would be supported if it will ensure the conservation of an un-fragmented area greater than the existing site that will be lost and it would become a well-managed conservation area.

Therefore, the directorate would not have any objections if the above mentioned recommendations is adhered to and further included in the Environmental Authorisation.

Ms Wilma Lutsch
Director: Biodiversity Conservation
Department of Environmental Affairs
Letter Signed by: Stanley Tshitwamulomoni
Designation: Control Biodiversity Office Grade B
Date: 26/04/2017