



CSIR's work in supporting SMMEs

The CSIR Annual Report accounts for the organisation's use of its resources, from financial and human to infrastructure, and the prudent governance of the myriad building blocks that contribute to achieving its mandate. We have exceeded several of our KPI targets and achieved 28 out of 31 KPI targets for 2022/23. This performance demonstrates the CSIR's commitment to supporting re-industrialisation in the country through technological support, as well as the deployment of capabilities in support of service delivery. In this newsletter we highlight some key projects that support for small, medium and micro enterprises (SMMEs).



CSIR Cannabis Hub

The CSIR has set up a cannabis research hub for SMMEs in the cannabis sector to de-risk early phase research, development and commercialisation.

Services offered at the hub include cannabis extraction, using supercritical carbon dioxide extraction, as well as process and method development for various cannabis strains.

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Cape Aloe project advances agroprocessing

The CSIR handed over market-ready samples and product information files for six cosmetic products, based on Aloe ferox (Cape Aloe), to three enterprises in the Eastern Cape.

The laboratory-scale cosmetic product prototypes include a face wash, body lotion, hand cream, hand wash, hair food and hair spray.

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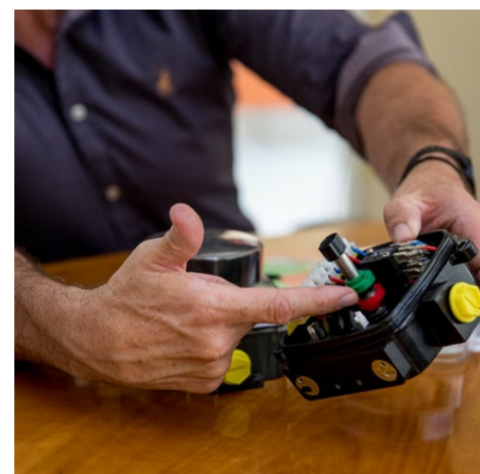


Noot-a-Bug

Drawing on its skills in biocatalysis, the CSIR assisted a protein engineering biotech firm to produce a new product from citrus oil, called Noot-a-bug.

Since the inception of the work with APBIO, the CSIR has succeeded in optimising a technology that had been developed on a small scale.

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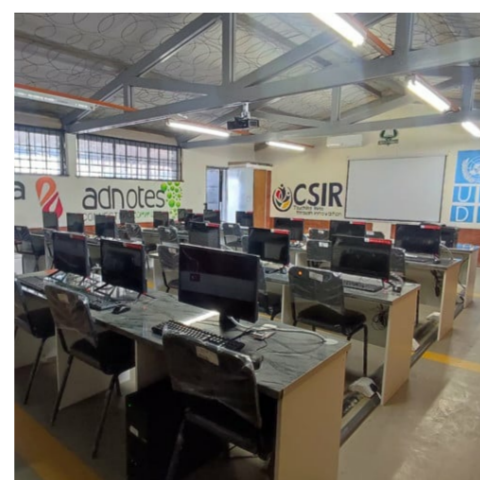


Strengthening local Aerospace and Manufacturing Industries

A number of local companies in the aerospace, defence, marine and sector-wide manufacturing industries benefitted through technology and accreditation support.

The small, medium and micro enterprise (SMME), TrewFit Controls, specialises in designing and manufacturing valve automation products and hydraulic components.

[Read more](#)



Implementing Television White Spaces to provide connectivity

The CSIR has made great strides in deploying its novel television white spaces (TWWS) technology, which makes it possible to provide affordable broadband wireless internet connectivity to underserved rural and township communities by using TV bands for broadband access.

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