

CALL FOR EXPRESSIONS OF INTEREST

IMAGINING THE SECOND LIFE OF PLASTICS — UPCYCLING FOR A GREENER FUTURE

CLOSING DATE FOR APPLICATIONS: 31 AUGUST 2026 AT 16:30



The Council for Scientific and Industrial Research (CSIR) has developed specialised polymers that enable the production of injection-molded consumer products, such as plastic furniture, from used polyolefin-based materials. This innovation addresses common challenges associated with plastic sustainability and mould filling often encountered during injection moulding, while offering cost-effective upcycling solutions with improved stiffness, load-bearing capacity, heat deflection temperature and Vicat softening temperature, as required in many injection-moulded products.

The CSIR hereby invites companies (potential commercial partners) to submit Expressions of Interest (EOI) to commercialise the polymer developed by the CSIR.

The objectives are to:

1. Transfer the technology to small, medium and micro enterprises, start-ups and industrial players;
2. Manufacture and sell the products derived from the technology;
3. Benefit South Africans through sustainable technology development; and
4. Impact the plastic economy through this local manufacture.

PLEASE APPLY IF YOUR COMPANY:

- Is active in polymer recycling and develops and/or manufactures value-added products such as plastic furniture;
- Can recycle or pelletise used plastics without regrind;
- Has established manufacturing facilities;

- Has an established supply chain for consistent batches of specific waste plastics such as soft drink bottle caps;
- Has relevant market information such as demand, size, and trends;
- Can demonstrate strong business acumen and market penetration strategies; and
- Is willing to invest financially or has demonstrated capability to secure funding from the public and/or private sectors.

WHAT TO SUBMIT:

- A brief description of the company's core business; and
- A brief response to each point under "Please apply if your company" above.

APPLICANTS MUST ALSO ATTACH:

- Company registration documents;
- Audited or independently reviewed financial statements;
- For companies operating in South Africa, a valid tax clearance certificate;
- A valid Broad-Based Black Economic Empowerment certificate; and
- An overview highlighting the expertise of key team members who will drive the commercialisation process.

**FAILURE TO PROVIDE THE REQUIRED DOCUMENTS OR
MOTIVATIONS WILL PREJUDICE THE ASSESSMENT OF THE
APPLICATION.**

**FOR MORE INFORMATION, PLEASE CONTACT:
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