The NCPC and UNIDO partner to develop Sustainable Industrial Spaces

Industrial spaces such as Industrial Parks and Special Economic Zones (SEZs) are more than just geographic clusters of companies - they are catalysts for economic growth and vital enablers of sustainable industrial development.



Lee-Hendor Ruiters, leading the programme of sustainable industrial spaces at the NCPC

The National Cleaner Production Centre (NCPC) is leading national efforts to catalyse sustainable industrial development within some of SA's industrial spaces. Together with the DTIC, the NCPC is working with the United Nations Industrial Development Organization (UNIDO) to assist these economic hubs to reduce environmental impact, develop sustainable energy models and support the national vision of a low-carbon economy.

Lee-Hendor Ruiters, NCPC Strategy and Innovation Manager, explains. "The NCPC acts as a national enabler by combining technical expertise, multi-sector partnerships, capacity building, and project delivery. We are currently implementing four major projects aimed at decarbonising industrial spaces," he says. "There are significant opportunities to enhance sustainability within industrial zones, and the NCPC is working to coordinate efforts to ensure maximum impact and limit duplication."

The four projects being implemented by the NCPC and UNIDO are at varying stages of implementation. The **Global Eco-Industrial Parks Programme (GEIPP)**, now in its fifth year, promotes streamlined management practices and industrial synergies, by encouraging collaborative resource use, integrated waste and energy flows, and cleaner production techniques.

The **Sustainable Energy Systems for Urban-Industrial Development (SESID)** project launched in 2023 introduces sustainable energy solutions into industrial spaces to reduce dependence on fossil fuel-based energy solutions and technologies.

The brand new Low Carbon and Positive Energy Industrial Spaces project will further promote reduced energy consumption and increasing the use of renewable energy in selected parks. Finally, the Global Clean Hydrogen Programme will kick off in the next two months and aims to foster policy, institutional and financial readiness for the adoption of clean hydrogen.

To find out more about these and other initiatives of the NCPC, contact ncpc@csir.co.za or visit www.ncpc.co.za

Visit the NCPC stand number E15 at the Manufacturing Indaba

NCPC
INDUSTRIAL EFFICIENCY IN SOUTH AFRICA

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INDUSTRIAL DEVELOPMENT ORGANIZATION
Progress by innovation

Sustainable Energy Systems for Industrial Development (SESID) Project

The SESID project is aimed at accelerating the decarbonisation of industrial parks through sustainable energy solutions. Funded by the **Global Environment Facility**. Implemented in six industrial parks across South Africa (2023 - 2027).



Visit www.ncpc.co.za Projects - Sustainable Energy Systems for Industrial Development or email ncpc@csir.co.za for more.

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