



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

Progress by innovation

A SELECTION OF UNIDO'S ENERGY PROJECTS IN SOUTH AFRICA

SUPPORTING SA'S TRANSITION TO A LOW-CARBON ECONOMY

Through its cross-cutting programme of action in South Africa, UNIDO promotes the operationalization of the SDGs, championing in particular the implementation of SDG 9, with the aim to *“build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation”*.

Projects and interventions in SA are aligned with the national priorities of the country, and are conceptualised and implemented in close collaboration with the Department of Trade, Industry and Competition (**the dtic**) as UNIDO's line department in the country. The projects are coordinated through the Regional Office for Southern Africa in Pretoria, which covers the following countries: SA, Angola, Botswana, Lesotho, Malawi, Mozambique, Namibia, Eswatini, Zambia, and Zimbabwe.

A selection of current and recent UNIDO projects in South Africa, relating to decarbonisation and sustainable energy, is discussed on the following pages.



While UNIDO contributes to all goals of the 2030 Agenda, **SDG 9** takes a special position for the Organization, as it recognizes the role of industry, innovation and infrastructure for sustainable development.



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INVESTING IN OUR PLANET

SUSTAINABLE ENERGY SYSTEMS FOR URBAN-INDUSTRIAL DEVELOPMENT IN SOUTH AFRICA

The overall objective of the project is to reduce greenhouse gas emissions and other environmental and social impacts by accelerating the decarbonization of Industrial Parks and Special Economic Zones (SEZs), addressing both the energy supply and demand side. Six parks are supported through the project, namely Coega Development Corporation, East London Industrial Development Zone, Atlantis SEZ, Phuthaditjhaba Industrial Park, AECl Umbogintwini Industrial Complex and Ekandustria Industrial Park. The project is strongly aligned with **the dtic's** Industrial Parks Revitalisation Programme (IPRP).

FOCUS:

- Reducing GHG emissions and accelerate the decarbonization of Industrial Parks and SEZs through providing support to park management, tenants, municipalities and other core stakeholders
- Demonstrate the feasibility and attractiveness of low-carbon energy options for Industrial Parks and SEZs
- Ensuring a conducive IP-associated policy and regulatory environment, especially with regard to sustainable energy generation and consumption
- Building on and collaborating with UNIDO's Global Eco-Industrial Parks Programme (GEIPP)

FUNDER: Global Environment Facility (GEF)

KEY LOCAL COUNTERPARTS: **the dtic**, NCP-C-SA (execution partner)

BUDGET: USD 1, 390.000

DURATION: 2023 – 2027



the dtic

Department:
Trade, Industry and Competition
REPUBLIC OF SOUTH AFRICA



INDUSTRIAL EFFICIENCY IN SOUTH AFRICA

