

THE EAST LONDON IDZ - **RENEWABLE ENERGY SECTOR**

POWERING **INNOVATIVE**
GREEN SOLUTIONS FOR A
SUSTAINABLE FUTURE



east london idz
business streamlined

PART OF THE SPECIAL ECONOMIC ZONE PROGRAMME

The East London Industrial Development Zone is an initiative under the South African Government's Special Economic Zones (SEZ) Programme.

Special Economic Zones (SEZs), are geographically designated areas of a country set aside for specifically targeted economic activities, supported through special arrangements (that may include laws) and systems.

SEZs are designed to be conduits for the creation of an appropriate environment for foreign direct and domestic investment and the development of strategic industrial capabilities. Companies that locate in the SEZ have access the following incentives:

- **VAT and customs relief, if located within a Customs-Controlled Area (CCA);**
- **Employment tax incentive;**
- **Reduced corporate income tax rate.**



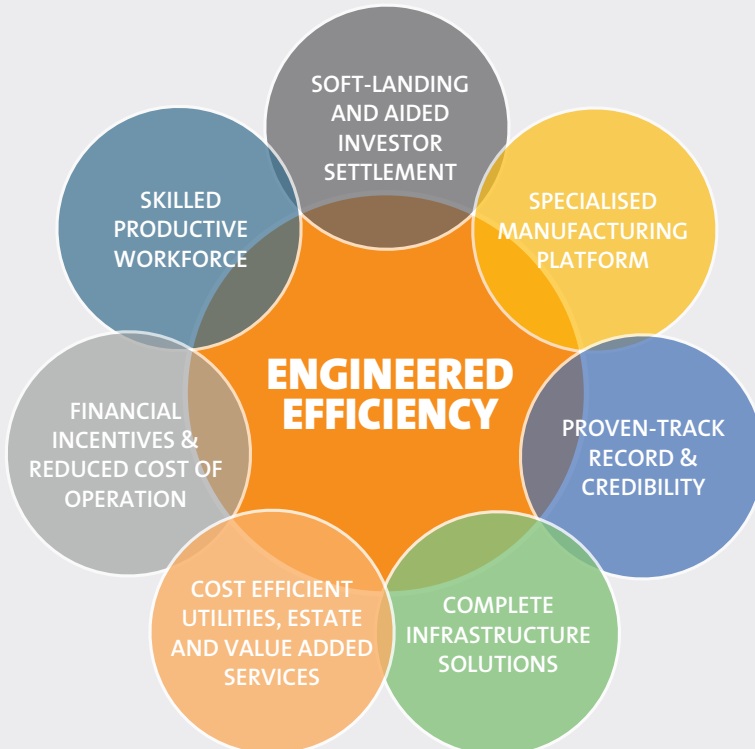
ABOUT THE ELIDZ

The ELIDZ is one of South Africa's leading hubs of industrial activity. It is a prime industrial site in South Africa. It is geographically designated and positioned for specialised industrial activity.

The zone is specially set up for light industry manufacturers in search of ultimate global competitiveness and new market entry. The zone is renowned for its customised investment and property solutions that help industries streamline their business operations and lower their cost of doing business.

The East London IDZ has become a leading industrial development zone in South Africa by successfully building its value proposition around a cluster approach that resulted in the offering of customised sector specific solution for various sectors.

WHAT THE ELIDZ OFFERS INDUSTRY



POSITIONED FOR RENEWABLE ENERGY INVESTMENT

One of the key focus sectors for the ELIDZ is the renewable energy sector. The ELIDZ's strategy in terms of renewable energy sector is two-pronged, the zone is targeting investors both in renewable manufacturing as well as the production and transfer of green power.

There are various compelling reasons why the ELIDZ is the best location for investors in the renewable energy space.

1. EXCELLENT CONDITIONS FOR PRODUCTION AND TRANSFER OF RENEWABLE ENERGY

The ELIDZ boasts strategic parcels of land ideally positioned and prepared for green energy production. The parcels of land are located in areas that:

- **Have Ideal wind conditions for the generation of wind energy.**
- **Are flat land with ideal sunny conditions for solar energy generation.**
- **Have excellent growth conditions for biofuel feedstock.**
- **Strong links with the local authority with a potential ease of access to the municipal electricity grid.**
- **Established links with the top 100 electricity users in the Buffalo City Metropolitan Municipality as a potential market for green energy.**

2. PACKAGED ENERGY GENERATION PROJECTS

The ELIDZ has packaged strategic energy generation projects that optimise the existing infrastructure, institutional arrangements with key players and other locational strengths. These projects include:

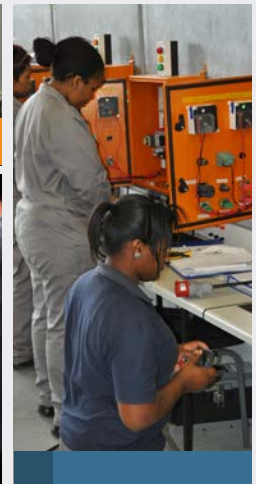
- **Municipal Waste-to-energy**
- **Landfill Gas**
- **Municipal Sewerage Works Biodigester**
- **Biomass Gasification Plant**

Each project has been packaged with tested business assumptions and a strong business case.

3. TAILORED SKILLS DEVELOPMENT INITIATIVES TO SUPPORT THE GROWING RENEWABLE ENERGY SECTOR

Through its Science and Technology Park, the ELIDZ has partnered with the Master Artisans Academy of South Africa to establish a state-of-the-art Renewable Energy Centre of Excellence. The centre offers various internationally accredited training programmes to support the growing renewable energy sector. These programmes include:

- Training electricians and electrical engineers in the installation of photovoltaic systems
- Solarteur Training Programme, an 18 month certified programme for renewable energy professions. This is an international Solarteur certification in accordance with EU guideline EG 2008/29. The ELIDZ Science and Technology Park (ELIDZ STP) has the only accredited Solarteur School in South Africa.



4. PROVEN RENEWABLE ENERGY INCUBATION AND TESTING PLATFORM.

Through the ELIDZ STP the ELIDZ is also involved in the testing and prototyping of different renewable technologies and new inventions.

Through its established platform, the ELIDZ STP encourages innovators and their start-up to locate themselves within ELIDZ where they will have access to various innovation funders as well as the ELIDZ STP-facilitated incubation process and facilities.

The ELIDZ STP aims to facilitate creative, technical solutions to problems - to assist companies adopt innovative approaches in all their operations, whether it leads to new products and services, or a new improved version of an existing offering, through improved processes.

Through this platform a number of new renewable energy technologies have already been innovated. These include:

- **Twery, an innovative street light powered by green energy.**
- **Heat Raider.**
- **Solar Water Desalination.**

The successful development of these prototypes illustrates the ability of the ELIDZ innovation ecology to generate new technologies, which works and contributes towards increasing the outputs of the industry.



5. EXCELLENT ZONE INFRASTRUCTURE AND STATE-OF-THE-ART MANUFACTURING FACILITIES

Excellent managed modern industrial estate which boasts world class infrastructure, quality premises and efficiently operated utilities and amenities, setting the foundation for streamlined business operations. The sites can be accessed through the zone's newly built dual carriageway designed to carry both light and heavy vehicles including 22m-long interlinks. All the sites in the ELIDZ are fully serviced with access to all utilities and ICT infrastructure and all are within close proximity to key transport networks.

As such, by locating in one of the site options offered by the ELIDZ, an investor can take advantage of:

- **The zone's secure manufacturing environment with controlled access.**
- **World class infrastructure and utility provision.**
- **Proximity to key transport networks including internationally acclaimed port, recently expanded airport and great rail and road infrastructure.**





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