



**By 2030 eThekweni will be Africa's
most caring and liveable city**



eThekweni Eco-Industrial Park

Greening the Economy: Facilitation investment to green the economy through
joined-up government

6 - 7 November 2014



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Problem Statement

- eThekweni needs industrial development but there are typically issues of negative impacts on the environment
- Also companies are under increasing pressure to produce environmentally friendly and to reduce their carbon foot print



How to address the tension between economic growth and environmental impact?

- Industrial development with negative impact on environment is ultimately not sustainable.
- eThekweni Municipality wants to attract companies that invest into environmentally friendly industrial and commercial developments
- eThekweni Eco-Industrial Park seek to achieve this



What is an Eco-Industrial Park ?

- Eco-industrial Parks (EIP) are a concept used worldwide. EIA have been established e.g. in India, China, Turkey and the USA.
- The definition for the EIP was formalised by the Asian Development Bank in 2001 as:
 - An eco-industrial park is a community of manufacturing and service businesses seeking enhanced environmental and economic performance through collaboration in managing environmental and resource issues, including energy, water, and materials...



What is an Eco-Industrial Park ?

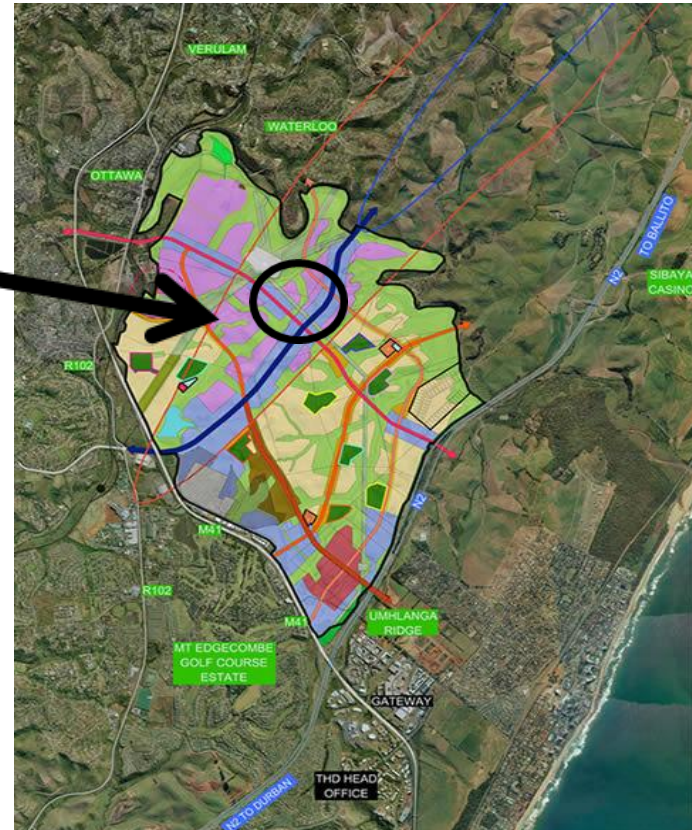
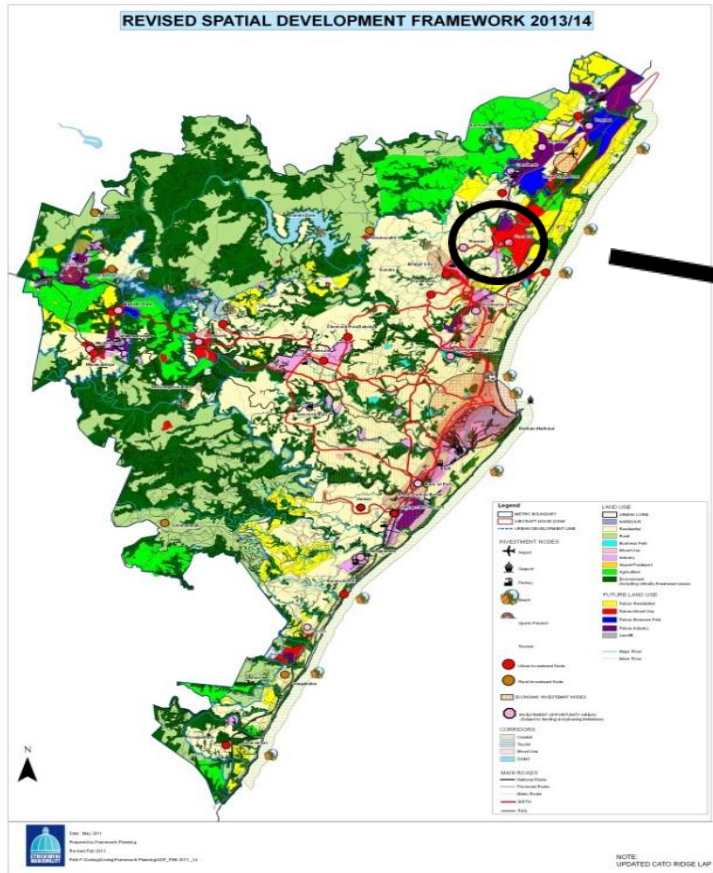
- Concept can be applied when
 - Planning new Industrial area
 - Transforming existing industrial areas
 - Improving resource management by companies / reducing carbon footprint
- One EIA in South Africa has been developed in Atlantis, Cape Town
- The eThekweni Eco-Industrial Park (EEIP) is planned as a new commercial and industrial zone within Cornubia.



Objectives of EEIP

- To develop a climate neutral Eco-Industrial Park within the eThekweni Municipality that promotes cleaner production, pollution prevention, energy efficiency, renewable energy and inter-company partnering.
- To develop an Eco-Industrial Park that actively promotes the green technologies and services sector to supply directly into the broader SADC region.

Project Information - Location



- potential site for eThekweni Eco-Industrial Park in Cornubia, 40 Ha in extent

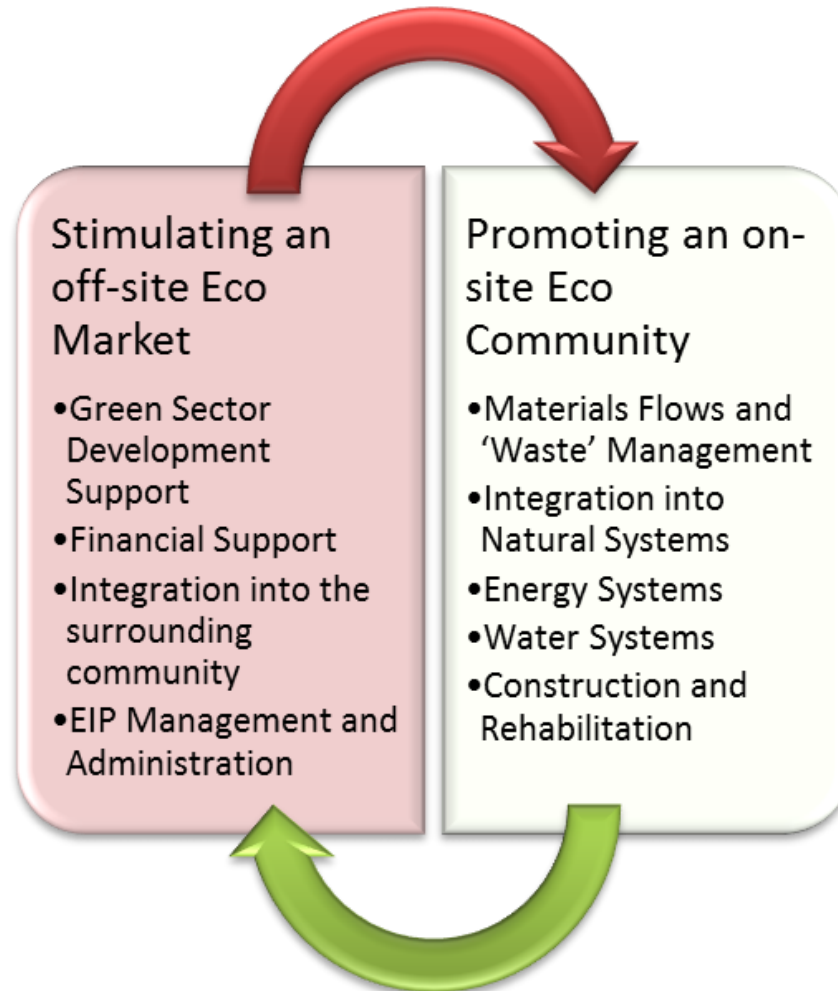


Project Information - Concept

- EEIP will use existing methodologies applied in numerous projects worldwide from India to China, Europe and the USA.
- The EEIP will apply international best practice,
- EEIP will include a second core component of creating an enabling environment for the green economy sector.



Project Information - Concept





Aspect to be considered to understand project feasibility

1. International and local examples of EIPs
2. Relevant studies undertaken by eThekweni Municipality
3. Vision statement for eThekweni Eco-Industrial Park
4. Site assessment
5. Development of institutional model
6. Development of financing model
7. Socio-economic impact assessment
8. Market assessment of potential investors



Steps of Feasibility Assessment

- Pre-Feasibility Study
- Detailed Market Assessment
- Detailed Site Assessment
- Operational Plan



Thank You

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