

Session 5A: Transition Pathways



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Methodologies for Supporting Sustainability and Resilience in Economic Zones

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PRESENTATION OUTLINE

01 | Overview of NatuReS Programme

02 | Why methodologies for supporting sustainability and resilience in Economic Zones?

03 | Projects and case examples - mainstreaming approaches and methodologies in economic zones

04 | Key insights and lessons learned

OVERVIEW OF THE NATURES PROGRAMME

- 5 Country global programme
- **NatuReS Mission:** Promote a **stewardship approach** based on participatory governance, support inclusive and environmentally sustainable economic growth.

NatuReS work is structured across 4 thematic areas/ pillars:



City Resilience Partnerships (CRP)

Addressing water security and other natural resource challenges in urban conglomerations



Partnerships for Resilient Economic Zones (PREZ)

Addressing natural resource challenges in economic zones and industrial parks



Green Economy Partnerships (GEP)

Addressing waste streams towards circular economy



Catchment Stewardship Partnerships (CSP)

Addressing the sustainable management of catchments





Why methodologies for supporting sustainability and resilience in economic zones?

Realities facing Industrial Parks



**Flood-damaged KZN
Toyota factory to
remain closed**

Source: Business Live 29/4/22



Source: George Municipality

Integration of methodologies and approaches



Credibility

Methodologies can bring desirable depth and structure to the sustainability journey of industrial parks. Global methodologies or approaches undergo and include vigorous vetting processes. In view of this when IPs commit to undertaking their activities within the domain and guidance of a respective global methodology they do so in conformance of associated requirements and criteria



Systematic engagement

For industrial parks methodologies can be critical instruments for supporting the systemic engagement with the different dimensions of the park for enhanced sustainability returns. This suggests that methodologies are a vital blueprint for handholding parks to holistically respond to shared catchment risks.



Enhanced services offering and increased competitiveness

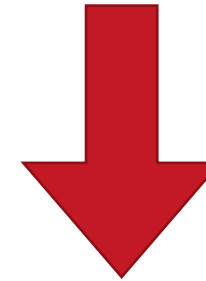
The mainstreaming of sustainability methodologies in industrial parks can help improve the attractiveness of the site. Multinational companies want to locate their operations in areas which understand and respond to their risks as well integrate sustainability practices which align to their corporate sustainability missions



Projects and case examples - mainstreaming approaches and methodologies in economic zones

National level – South Africa and Tanzania

Integration of EIP Framework and Water Stewardship principles for improved water management in industrial parks

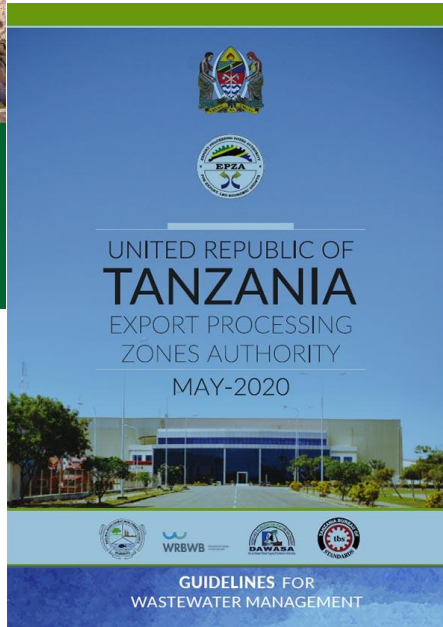
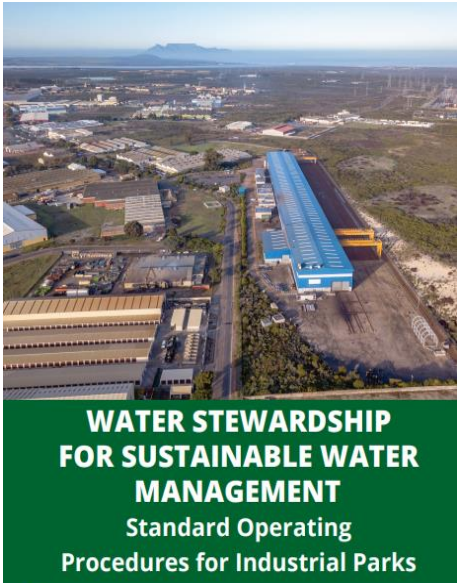


Globally applied Alliance for Water Stewardship Standard



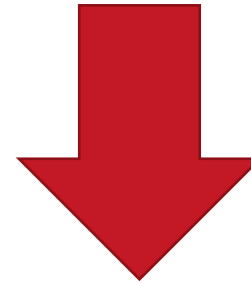
-  GOOD WATER GOVERNANCE
-  SUSTAINABLE WATER BALANCE
-  GOOD WATER QUALITY STATUS
-  IMPORTANT WATER-RELATED AREAS
-  SAFE WATER, SANITATION AND HYGIENE FOR ALL (WASH)

The use of water recourses in a manner that is **socially and culturally equitable, environmentally sustainable, and economically beneficial** - this is achieved through a **stakeholder-inclusive** process that includes both **site- and catchment-based** actions



Site level – South Africa – Net Zero Water Concept

Elaboration of new concepts: Net Zero Water concept with Atlantis Special Economic Zone based on stewardship principles and approach



- Development of a Net Zero Water Strategy and Implementation Plan for the site
- Identification of intervention areas
- Moving forward to understanding Net Zero Waste



atlantis
special economic zone

Part 1: Technical framing of the net zero water concept in the context of a defined industrial park

GIZ Ref. No. 83366604
May 31, 2021

Part 3: Overview of Institutional influencing factors that impact on strategic resource use and application at site level

GIZ Ref. No. 83366604
May 31, 2021

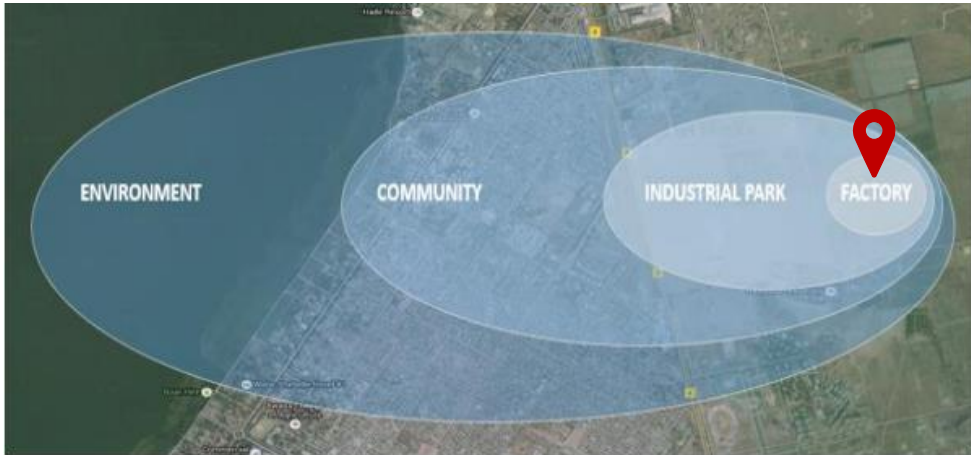
Part 2: Atlantis Special Economic Zone as a case study for net zero water in Industrial Parks, South Africa

GIZ Ref. No. 83366604
May 31, 2021





Park tenant level and beyond factory fence



PVH park tenant in Hawassa Industrial Park (Ethiopia)

- Engagement in the multi-stakeholder partnership - Protecting Lake Hawassa (PLH) partnership



- Under the partnership - PVH and NatuReS supported the Hawassa Water Supply and Sewerage Service Enterprise (HWSSSE) to improve access to WASH services by sourcing two submersible water pumps and one surface water pump

A Framework for Multistakeholder partnerships

The Natural Resources Risk and Action Framework

We provide powerful solutions and inspire joint action.



PARTNERSHIP CREATION

PARTNERSHIP EXECUTION

Prepare

- Identify stakeholders and markets
- Share problems and recognise interests
- Prepare road map

Assess

- Assess risks and opportunities
- Determine costs and benefits
- Shape partnership
- Socio-economic analysis

Commit

- Develop business cases
- Develop modes of delivery
- Secure commitment of actors
- Business case support

Act

- Empower and advise actors
- Coordinate and manage implementation
- Monitor progress

Scale & Exit

- Evaluate impact and lessons
- Leverage impact at scale
- Phase out

Key insights and lessons learned

- ❖ A host of methodologies exists for adoption – have unique attribute or complementing features; EIP Framework broad scope around site management, AWS Standard Accreditation, GRI etc
- ❖ Different dismissions to economic zones – methodologies exists as enabling mechanisms for responding to risks and advancing impact towards sustainability, economic development and job creation
- ❖ Introduction of sustainability frameworks is **NOT** always seamless – respect the pace of partners, they are grappling with competing demands
- ❖ Make it practical and context relevant - financial and in-kind investments will be needed
- ❖ You don't have to do it alone explore multi-stakeholder partnerships



Thank You

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