



Sustainable Industrial Areas
INTERNATIONAL CONFERENCE

Addis Ababa | Ethiopia | 8th - 10th of April 2019

Water Security Initiatives within Tanzania Special Economic Zones (SEZs)

International Conference

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Implemented by
giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



THE ESTABLISHMENT AND GENERIC ANATOMY OF SEZs IN TANZANIA



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- Special Economic Zones (“SEZ”) in Tanzania are established pursuant to the Special Economic Zones Act 2006 (as amended);
- SEZs are established in selected geographic areas to be provided with special business environment to promote priority economic activities for faster economic growth;
- The location of SEZs targets areas that provide comparative advantages for attracting investments;
- The main functional objective of EPZA in terms of SEZ Act is to initiate, develop and to operate SEZs established on publicly owned land;
- SEZ can be developed through 100% Public Sector Investments (“PSIs”); Public-Private-Partnerships (“PPPs”), or 100% Private Finance Initiatives (“PFIs”)

DEVELOPMENT PLAN AND THE DRIVE FOR INDUSTRIALIZATION



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In terms of the 2nd FYDP the drive for industrialization is the main focus and key results area to achieve the desired socio-economic transformation for Tanzania to become a Middle Income Country by 2025;

SEZ Development Program is a purpose-designed policy tool of GOT industrialization strategy to realize the strategic objectives of TDV 2025;

The development of SEZ will be on a scale that compels diligent spatial planning and use of **Water Resources** to accommodate industries with urban growth. Bagamoyo SEZ to occupy about 100 square kilometers is typical of such developments to be undertaken.

THE ROLE OF COMPREHENSIVE SEZ IN INDUSTRIALIZATION PROCESS



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Economic Oasis – to provide industrial development ecology with industry clusters on land serviced by world class physical infrastructure; and supported by policy reforms with a compendium of facilitative administrative measures;

Industrial, Trade, Technology Development and Logistics Platform – to promote manufacturing, trade capacity and technology development for international competitiveness;

Growth Nodes – with vertical and horizontal linkages to primary sectors of the domestic economy e.g. agriculture, livestock and mining;

Industrial Labour Marketplace – with skills transfer and development as well as industry knowledge exchange through market driven labour mobility.

IMPACTS OF EFFLUENT EMISSIONS IN SEZs



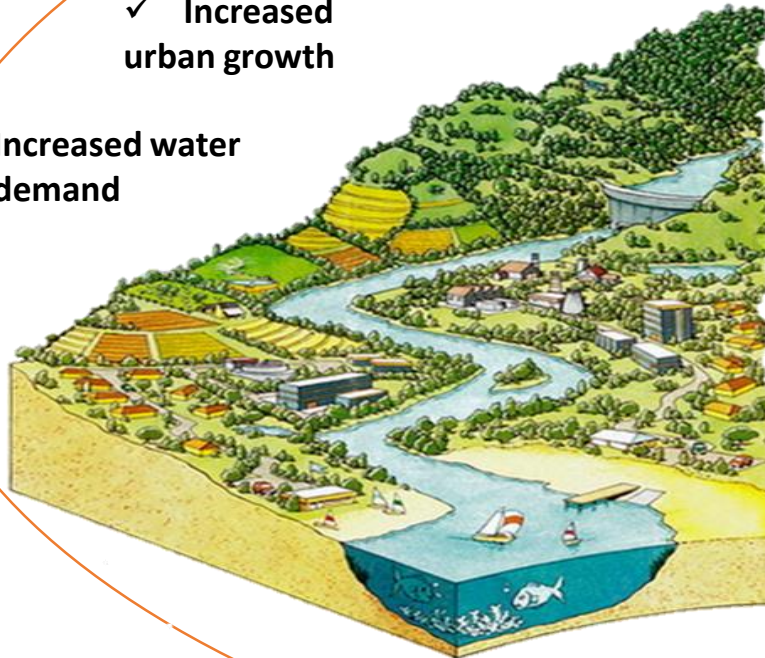
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✓ Increase in population

✓ Increased urban growth

✓ Increased water demand



▪ Conflicting water (over)use (farming, industry, urbanization)

▪ Deforestation in riparian zones (along river margin)

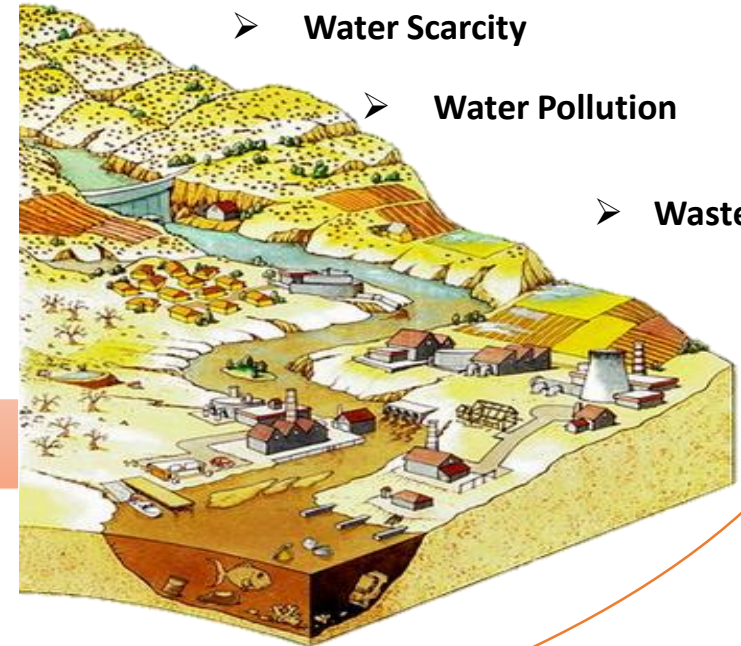
▪ Lack of resource management and mechanisms of control, allocation

➤ Environmental Degradation

➤ Water Scarcity

➤ Water Pollution

➤ Waste



Inputs

Land Use

Outputs

Base image source: Waterwatch Queensland, adapted for (IWaSP) GIZ



Control of Industrial Effluent Emissions in SEZs

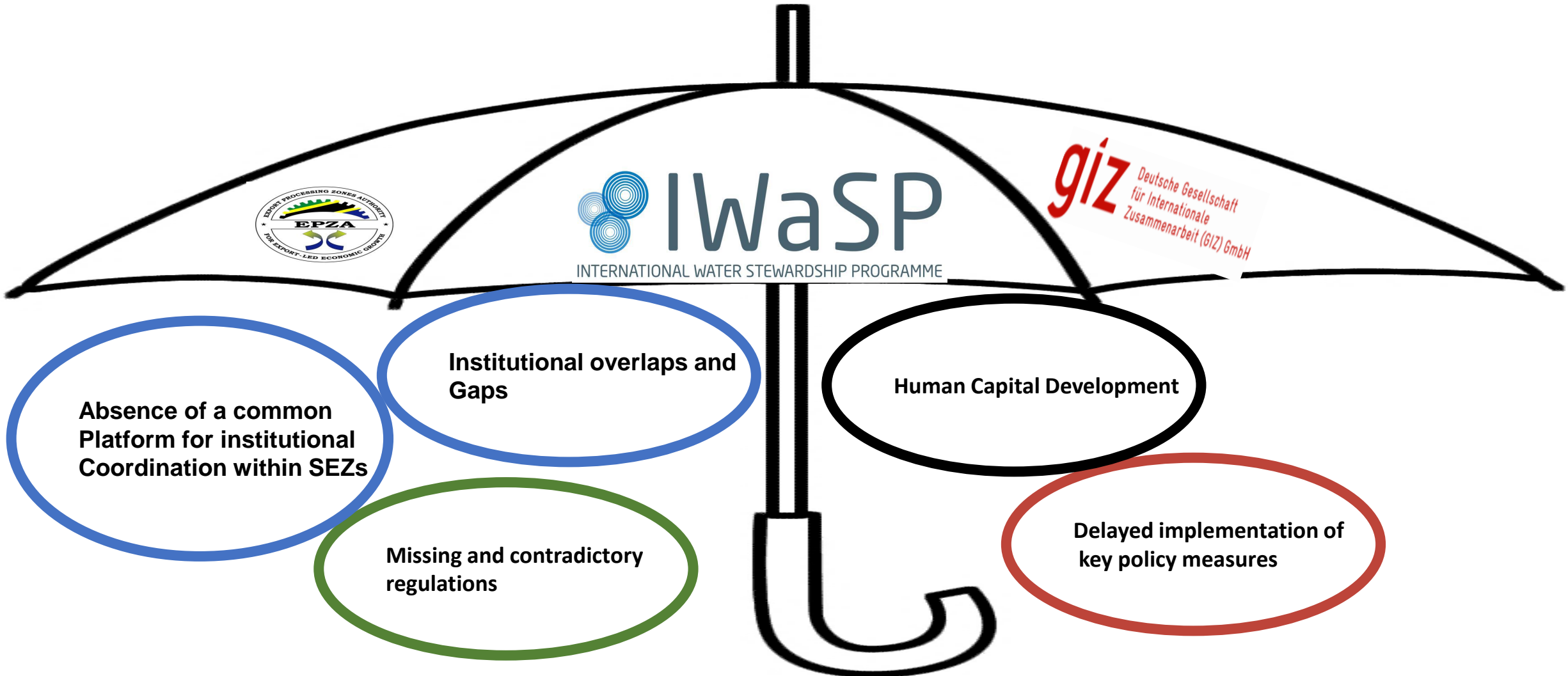


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Formation of partnership between EPZA and GIZ – IWaSP/NatuReS programme to ensure Water Security in SEZs through the development of Waste Water Standards alongside the Immediate Improvement of waste water discharge Systems.

Areas of Intervention





Expected outcome of the Partnership (IWaSP / NatuReS)

Reliable and cost-efficient provision of water supply, waste management and related infrastructure;



Clarity and predictability of environmental regulation;



Access to environmental and technical skills in the value chain;

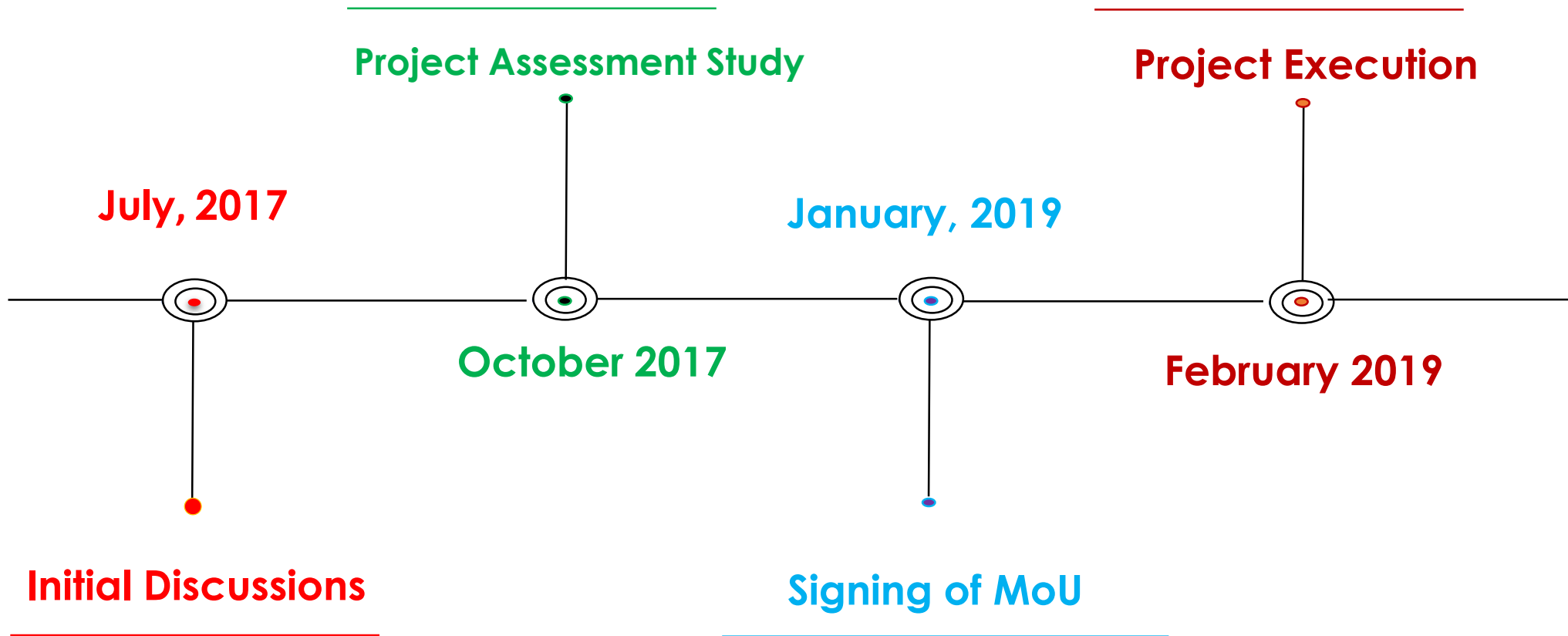


Reputational enhancement through independent verification of environmental performance.





PROJECT IMPLEMENTATION TIMELINE



Concluding Remarks



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There is need for closer collaboration between Water Resource Managers and Industrial Development Planners from the very beginning, with a view to work closely together in order to effectively deal with the key **Water Management Risks**; as well as other risks that may be fairly ascribed to the **social and environment impact of industrialization** with consequent urbanization e.g. pollution, waste management , Health and land degradation.