



# Sustainable Industrial Clusters

## TOR: ENVIRONMENT ADVISOR TO IPDC

Expert Pool Reference # 76



## Assignment Objective

Environmental and Social safeguard advisor will be embedded within the Industrial Parks Development Corporation (IPDC) HQ office to provide technical advice on environmental sustainability and compliance with local and international environmental regulations. The Environmental Advisor will support the environmental sustainability outputs of the S.I.C. II project by advising the IPDC on integrating environmental considerations into the planning, operation, and management of industrial parks. The Advisor will work to ensure compliance with environmental regulations, promote sustainable industrial practices, and contribute to the development of strategies that align with IPDC's requirement and the S.I.C. II project's goals of reducing greenhouse gas emissions, eco-friendly operations, and sustainable economic growth.

## Context / Background

The Ethiopian Industrial Parks Development Corporation (IPDC) was established in December 2014 as public enterprise aimed enhancing the industrialization effort of the country. IPDC is an engine of rapid industrialization that nurture manufacturing industries that accelerate economic transformation, promote and attract both domestic and foreign investors. The industrial Parks that IPDC manages and operate are expected to be equipped with a streamlined business environment, common services and quality infrastructure that enable a single, efficient, and streamlined IP administration for investors.

S.I.C. II project has the objective to strengthen the resilience of Ethiopia's textile and garment sector by applying a demand- and market-oriented approach in its support to workers, manufacturers and the government. It aims at promoting worker welfare; preparing companies to align with international market requirements; attracting international buyers to sourcing from Ethiopia; advising the management of IPs on sustainable operations and offering policy advisory to ease business environment constraints.

The purpose of this secondment is to utilize the Advisor's expertise to elevate IPDC's sustainability efforts, enhance its Environmental, Social and Governance (ESG) frameworks, and ensure that sustainability is embedded in its operational and strategic decision-making. The Advisor will also play a critical role in promoting sustainable industrial practices within the Corporation's industrial parks, including resource efficiency, renewable energy adoption, and waste management.

### Contact person at GIZ

- TBC

### Contact person at Partner (IPDC)

- TBC

## Services requested

### Key tasks (Responsibilities and Duties)

This assignment has the following key tasks:

#### 1. Strategic Environmental Planning and Policy Advisory:

- Support the IPDC in developing and implementing environmental management strategies that comply with national policies and international standards.
- Advise on best practices in environmental governance, pollution prevention, resource efficiency, and waste management within industrial parks.
- Provide policy recommendations to the Ethiopian government on strengthening the environmental regulatory framework in line with global sustainability practices.

#### 2. Sustainable Practices and Innovation:

- Promote the adoption of eco-friendly technologies and practices among manufacturers operating within the industrial parks.

- Facilitate capacity-building initiatives for industrial park management and staff on sustainability topics such as renewable energy, circular economy principles, and green supply chain management.  
Develop tools and resources to guide companies

### **3. Waste-to-Wealth Advisory:**

- Advise on the development and implementation of Waste-to-Wealth initiatives within industrial parks, transforming discarded materials and waste by-products into valuable resources and products.
- Identify opportunities for recycling, upcycling, and resource recovery, promoting a circular economy approach to minimize waste.
- Collaborate with manufacturers and park management to establish sustainable waste management systems that convert waste into energy, raw materials, or other marketable products, creating economic value from waste streams.

### **4. Engagement with International Buyers and Investors:**

- Support the project in attracting international buyers and investors by showcasing the environmental sustainability of Ethiopia's industrial parks.
- Assist companies within the parks to meet international market standards on environmental performance, enhancing their global competitiveness.
- Build partnerships with key stakeholders, including international environmental organizations, to support innovation and investment in green technologies.

### **5. Environmental Monitoring and Compliance:**

- Lead efforts to ensure that industrial parks comply with environmental regulations, including air and water quality standards, waste disposal protocols, and carbon emissions.
- Advisory support on conducting regular environmental impact assessments (EIAs) and audits of industrial parks, identifying key environmental risks and recommending corrective actions.
- Coordinate with government regulatory bodies to facilitate environmental certification for industrial parks.

### **6. Data Management and Reporting:**

- Oversee the collection, analysis, and reporting of environmental data from industrial parks, particularly regarding greenhouse gas emissions and resource consumption.
- Prepare regular reports detailing the environmental performance of industrial parks and progress toward project goals.
- Contribute to the development of monitoring and evaluation (M&E) frameworks to track the environmental impact of project interventions

## **Deliverables and Timeline**

- Quarterly Progress Reports outlining the implementation of sustainability strategies, ESG performance, and progress on partnership development initiatives.
- Training Sessions for IPDC staff focused on sustainability principles, best practices, and tools for sustainable project management.
- Organization of workshops, forums, and public events to promote sustainability awareness and foster engagement among internal and external stakeholders.
- Sustainability Impact Assessments for ongoing and upcoming projects, including recommendations for improvement based on identified risks and opportunities

## **Output and Output indicators**

All Output 2 & 3 contribution.

## Location

IPDC office, Addis Ababa, Ethiopia.

## Expert Profile Needed

### Expert Profile

- PhD or MSc in Environmental Science, Environmental Engineering, or related fields.
- A minimum of 10 years of relevant work experience in environmental management, sustainability, or industrial development, with demonstrated expertise in large-scale industrial projects.
- Proven experience in the development and implementation of sustainability strategies for large-scale projects, particularly in the industrial or infrastructure sectors.
- Strong expertise in Environmental and Social Governance (ESG) principles, including responsible investment, corporate sustainability, and regulatory compliance.
- Demonstrated experience in integrating sustainability considerations into investment strategies, business operations, and project development.
- Excellent analytical, communication, and project management skills, with the ability to communicate complex sustainability concepts to diverse audiences.

### Anticipated expert days

Up to 85 working days (excluding National Holidays, Saturdays and Sundays) from **11<sup>th</sup> of November 2024 - 31<sup>st</sup> March 2025** (possibility of extension)

## Other costs anticipated

All travel costs for the expert and operating costs (e.g. office, administrative support, internet, phone bill, laptop, etc.) will be assumed by IPDC.