



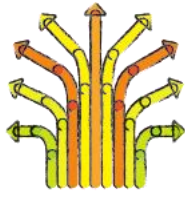
JOSPONG



Improving the Lives of People

U N D P - Transforming Municipal Waste into Green Gold

Company Profile



Ghana's Most Diversified
Business Group



Over 60 Subsidiaries



West Africa's Leading Waste
Management Giant - Zoomlion



Operates In 14 Sectors
of the Economy

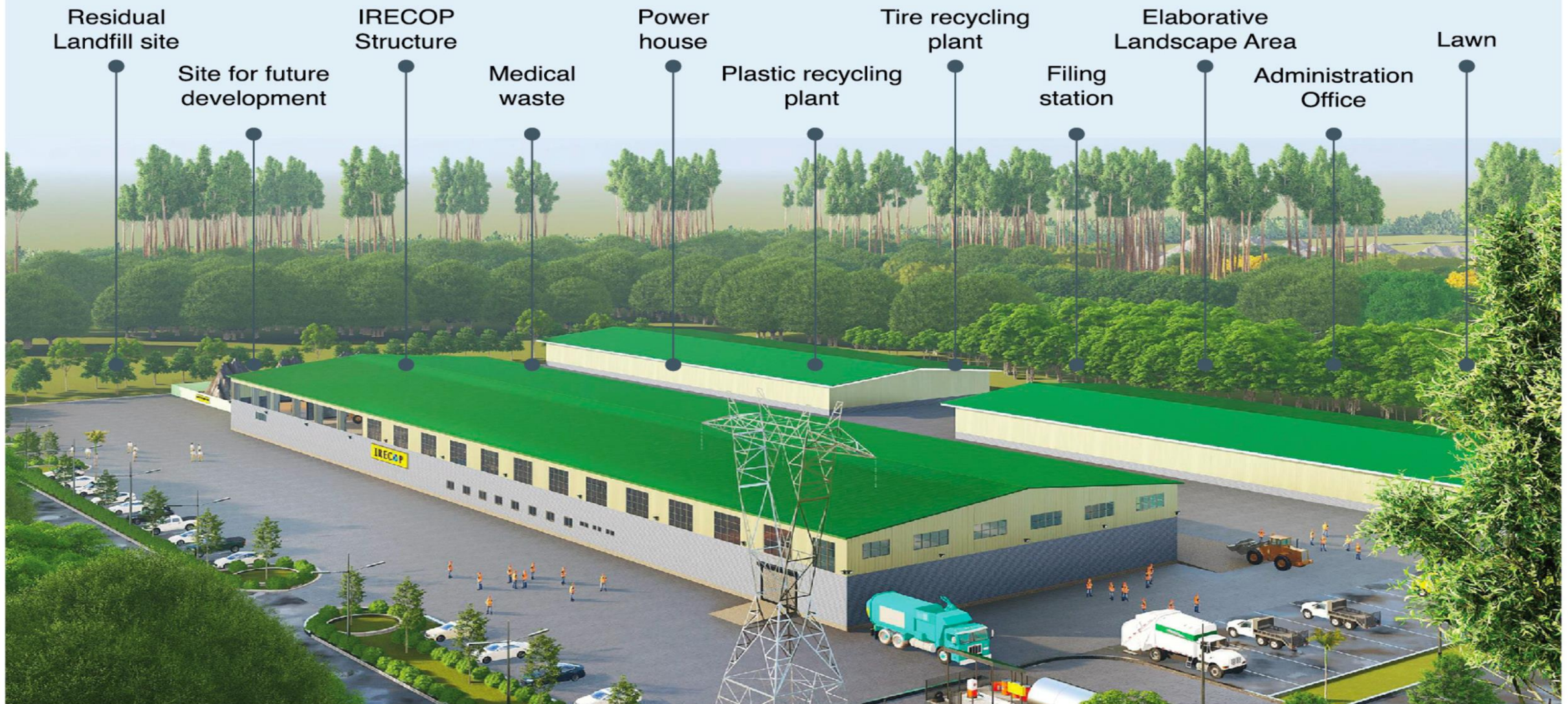


Started Operations in
1995



Currently Employs
>6,000 People

INTEGRATED WASTE RECYCLING & COMPOSTING PLANT



ITMOs Expected Outcomes

- Lead to transforming the waste sector and creating four sustainably managed composting facilities in Ghana.
- The production of **13,255 tonnes per year** of grade A high-quality organic fertiliser will increase agricultural productivity.
- Create **1,000 direct jobs**, in particular for women in the four composting facilities and several thousand indirect jobs across the waste value chain and increased income in the agricultural sector due to increased yield of agricultural produce.
- Indirectly **2,000 households** are in the coverage area of IRECOP.
- Reduce **1,589,292 tCO₂e**
- Financial Sustainability - **+NPV \$8.99M, IRR 21.38%, , Payback 7.19yrs** indicate project is still viable post **9yr** ITMO payment

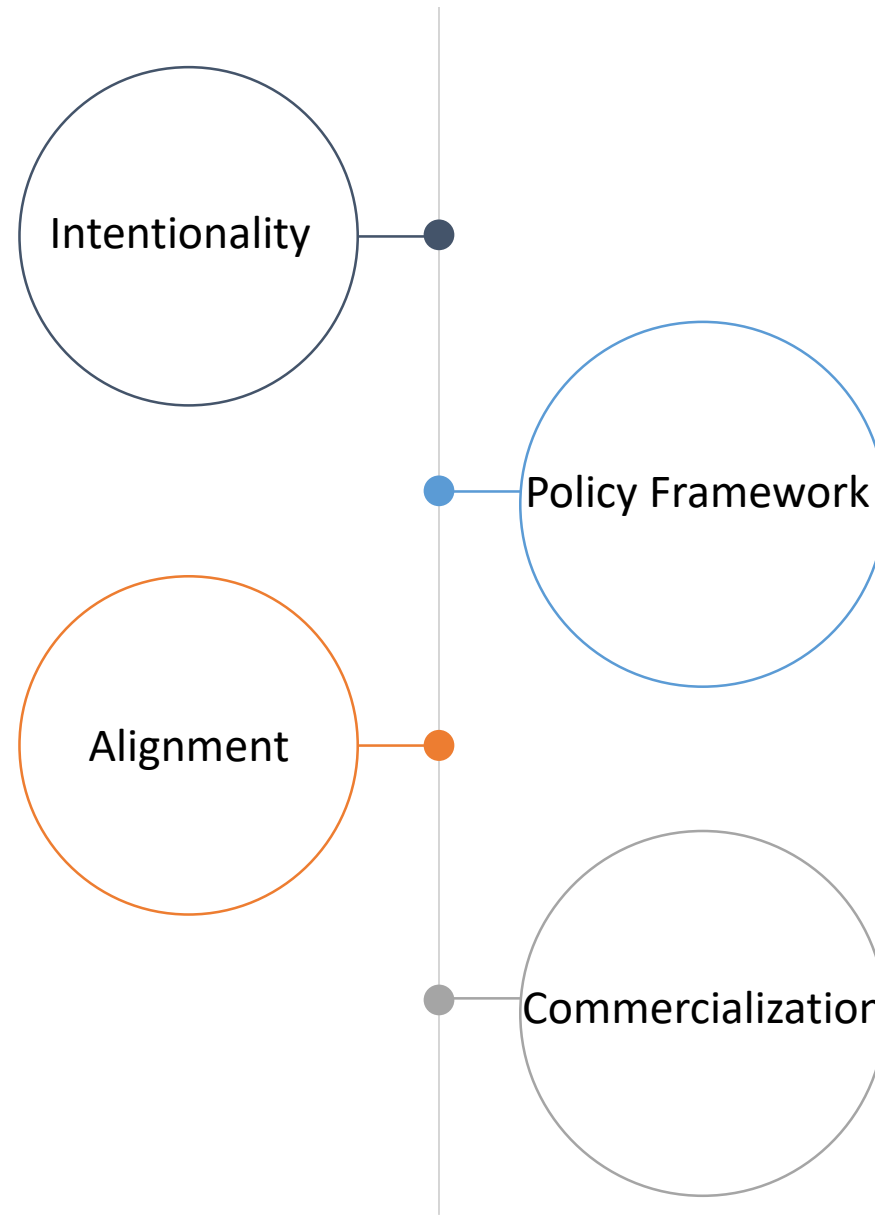
ITMOs LESSONS LEARNED

1. Sustainable Purpose

1. As for me and my house
2. A focal person / team with capacity
3. Deliberate action to invest long term
4. International about addressing key societal problems

2. Align Business Purpose with SDGs

1. Convergence of objectives of both private and public capital
2. Align business purpose with the delivery of positive outcomes
3. Address Value Conflicts – Short-term results vs long-term growth
4. Integrative Thinking – Consider multidirectional relationships



3. ESG Framework to Drive the Agenda

1. Board and Executive Sponsorship
2. SDG Mapping
3. Continue to develop strategies around your main pillars

4. Have a Commercial Mindset

1. Transition from SCR to ESG metrics
2. Data gathering and insight making
3. Invest in business/financial modeling investment valuation
4. Re-investment in complimentary services or technologies

FLEET ELECTRIFICATION | 1,000 WASTE TRUCKS

Conversion of 1,000 diesel waste trucks into electric-powered engines. Project currently at the pilot stage

Internal Combustion Engine

- ✗ Engine
- ✗ Fuel Tank
- ✗ Transmission
- ✗ Muffler
- ✗ Transmission, Oil, Air Filters & Liquids

Electrification

- ✓ Battery Cell, Module, Pack, Case
- ✓ Battery Management System
- ✓ Power and Battery Distribution Unit
- ✓ Cables & Wiring Harness
- ✓ External DC Charging
- ✓ Motor
- ✓ Motor Controller
- ✓ Telematics
- ✓ Auxiliary Splits



SCANIA P360 6X4
HZ Trash



Dongfeng 260 6X4 / 190 4x2

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ENVIRONMENTAL BENEFIT



364,000 CO₂
METRIC TONS



14,500,000
MATURE TREES

Equivalent over 5 years for Fleet of 1,000

SOCIAL IMPACT



1200

DRIVERS AND ENGINEERS
UPSKILLED EACH YEAR

UPSKILLING OF EXISTING MECHANICS

GROWTH OPPORTUNITIES
FROM TECHNICAL TRAINING



40%

OF NEW DIRECT JOBS
TARGETED AT WOMEN

WORKFORCE DEVELOPMENT

PARTNERSHIP WITH JOSPONG ACADEMY
TO CREATE EV CURRICULUM