DoTheDream Energy Industrial Village

CRITICAL MINERALS | GREEN HYDROGEN | SMART ENERGY | INDUSTRIAL DECARBONISATION

Powering Africa's Industrialisation • Creating Jobs • Building a Sustainable Future

A Flagship Industrialisation Project for Africa and the Global South

Clean Energy | Green Industries | Healthy Communities | Inclusive Growth | Global Impacts

Project Overview

The DoTheDream Energy Industrial Village is conceived as a smart, green, inclusive and scalable industrial ecosystem and a flagship industrialisation project for Africa and the Global South. Its core focus areas are critical minerals, green hydrogen, smart energy and industrial decarbonisation. The project is designed to connect clean energy and green industrial development with job creation, inclusive economic growth, healthy communities and global impact.

The proposed Village brings together industrial processing and manufacturing, renewable energy generation, research and innovation, logistics and trade infrastructure, healthcare, education, residential estates, food production, water management and skills development in one integrated industrial environment.

Key Facilities and Components

1. **Critical Minerals Processing Zone —** Lithium | Cobalt | Nickel | Rare Earths
2. **Green Hydrogen Production & Storage —** Electrolysis | Storage | Distribution
3. **Smart Energy Park —** Solar | Wind | Battery Storage | Smart Grid
4. **Advanced Manufacturing Zone —** EV Components | Clean Tech | Industrial Equipment
5. **Innovation & Research Centre —** R&D | Incubation | Start-ups
6. **Convention Centre —** Conferences | Exhibitions | Global Forums
7. **World-Class Hospital & Health Centre —** Specialist Care | Telemedicine | Wellness
8. **Education & Training Campus —** STEM | Vocational | Digital Skills | Leadership

9. **Residential Estates —** Staff | Students | Investors | Visitors
10. **Logistics & Warehousing —** Cold Chain | E-commerce | Distribution
11. **Rail Freight Terminal —** Regional & Global Trade
12. **Water Treatment & Recycling —** Clean Water | Waste Management
13. **Agri-Processing & Food Security —** Hydroponics | Value Addition | Food Park
14. **Green Industrial Park —** Clean Industries | Circular Economy
15. **Solar Farm —** Renewable Energy Generation
16. **Wind Farm —** Renewable Energy Generation
17. **Port & Export Terminal —** Minerals | Green Products | Global Trade
18. **Skills & Training Institute —** Technical | Vocational | Certification

3D View – Key Zones

The visual concept highlights selected zones within the proposed industrial ecosystem: 1. Critical Minerals Processing; 6. Convention Centre; 7. Hospital & Health Centre; 10. Logistics & Warehousing; 13. Agri-Processing & Greenhouses; 14. Green Industrial Park; 15. Solar Farm; 17. Port & Export Terminal.

Proposed Start-up Dimensions (Scalable)

Planning Component	Proposed Allocation	Expansion / Notes
Total Land Area (Phase 1)	5,000 hectares (50 km^2)	Expandable to 10,000–20,000 hectares
Built-up Area (Phase 1)	1,200 hectares (12 km^2)	Expandable
Industrial Zones	40% (2,000 ha)	
Residential & Estates	15% (750 ha)	
Green Spaces & Recreation	10% (500 ha)	
Infrastructure & Roads	15% (750 ha)	
Water Bodies & Buffer Zones	10% (500 ha)	

Flexible Design | Modular Expansion | Replicable Across Africa

A model that can start at 5,000 hectares and scale to 10,000, 20,000 hectares and beyond — unlocking Africa's industrial potential.

Estimated Capacity & Impact (Phase 1)

500,000+	Direct & Indirect Jobs
10,000+	Girls & Young Women Trained Annually
5 GW	Renewable Energy Capacity (Expandable)
3 Mt/year	Critical Minerals Processing
1 Mt/year	Green Hydrogen Production
1,000+	SMEs & Local Enterprises
100,000+	Visitors, Industrial Exhibitions & Tourism

Industrial Tourism & Global Engagement

The proposed industrial tourism and global engagement component includes:

- Guided Industrial Tours
- Visitor Centre & Museum
- Live Demonstrations & Workshops
- Conferences & Global Summits
- Cultural & Eco-Tourism
- Student Exchange Programmes
- Business & Investment Forums

The concept aims to attract investors and partners from around the world.

Land Ownership & Investment Concept

The visual presents an "Own an Estate – Be Part of the Vision" concept, with the following ownership and investment categories:

- Residential Estate
- Industrial Estate
- Commercial Properties

- Green Investments

Estimated Investment (Phase 1 – 5,000 ha): USD 8–12 Billion

(Subject to detailed feasibility and bankability study.)

Our Impact

- Accelerates Africa's industrialisation
- Drives green and inclusive economic growth
- Empowers girls and young women
- Builds healthier, safer communities
- Positions Africa as a global leader in clean energy and critical minerals

Integrated Development Pillars

Clean Energy | Critical Minerals | Green Hydrogen | Smart Manufacturing | Industrial Decarbonisation | Healthcare | Education | Jobs | Sustainable Communities

Vision and Strategic Message

Powering Africa's Industrialisation. Creating Jobs. Building a Sustainable Future.

From Local Value to Global Impact.

DoTheDream Youth Development Initiative | Girls in Energy

www.dothedreamydi.org | www.girlsinenergy.org