



CORPORATE PRESENTATION

AFRICA

MYTILINEOS GROUP OVERVIEW



- **Leading industrial company** in South-East Europe, founded in 1908
- **Diversified activities** in Mining & Metallurgy, Power & Gas and EPC, O&M & Infrastructure
- More than **2,700 employees**
- Strong **international presence**
- **Listed** on the Athens Stock Exchange (ASE)

Mining & Metallurgy



- Largest vertically integrated producer of refined alumina and primary aluminium in South-East Europe.
- World class assets including bauxite mines, alumina refinery and aluminium smelter.

Power & Gas



- Largest domestic independent electricity producer.
- Leading private retail electricity supplier.
- Largest independent natural gas/LNG importer, consumer & supplier in Greece.

EPC & Infrastructure



- Major EPC contractor specialized in turn-key energy projects.
- Strong international presence
- Full end-to-end solutions from development through to long-term O&M.

Group Strategy

“
Continuous growth and maximization of operating & financial synergies
Become a regional leader in each sector
”

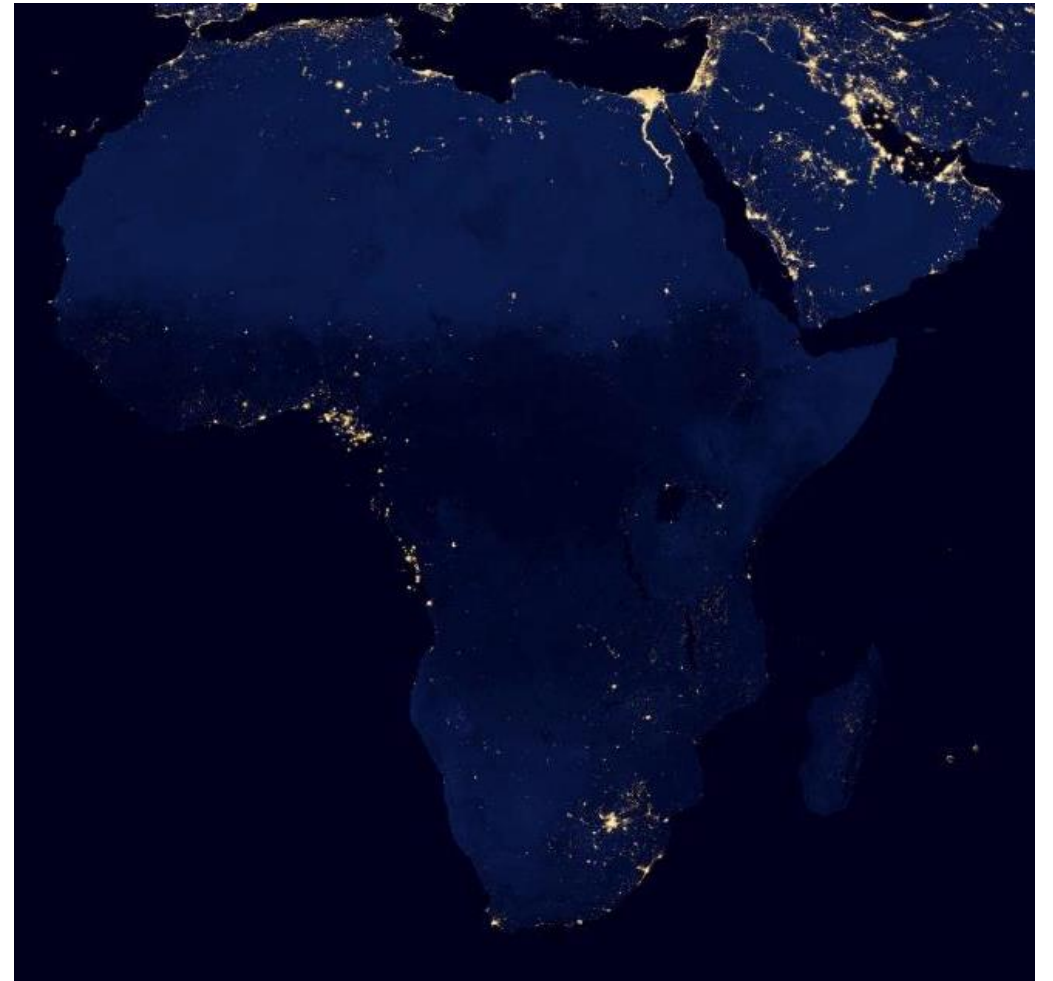


AFRICAN ENERGY SECTOR

AFRICA REGION PROFILE

REGION (SSA EMPHASIS)

- 15% of World Population
- 4% of global energy demand
- 1% of Global GDP
- 6 of the world's 10 fastest growing economies are in Africa
- 4% of GDP investment in infrastructure (vs 14% in China)
- Strong momentum for change and international focus for development via DFIs and Global Schemes
- Significant Oil, Gas, Renewables Resource Potential



AFRICAN ENERGY STATUS

CURRENT GENERATION, ACCESS AND CONSUMPTION

- 90GW installed production capability (approx. 50% in South Africa) - Spain has 110 GW in comparison.
- Generation split - 45% Coal (SA biased), 22% Hydro, 17% Oil, 14% Gas, 2% Renewables (PV, Wind)
- Poor infrastructures in most countries with low reliability supply, frequent load shedding sometimes for most of the day.
- Very limited access to electricity approx. 32% (600 million people have no access)
- Just 7/48 countries (SSA) with >50% electrification (South Africa, Ghana, Gabon, Namibia, Cote d'Ivoire, Senegal, Cameroon).
- Low Consumption of 128kwh/capita/annum (equal to a 100W lightbulb on for 3h/day)



AFRICAN ENERGY DEMAND AND DEVELOPMENT

Demand Forecasts (next 25 yrs)

- 2x current Population
- 5x increase of GDP (4.6% CAGR)
- 4x increase in Power Demand (4.5% CAGR)
- Electricity Access increase from 20% to 70-80%

Development Forecasts (next 25 yrs)

- Generation - USD 490 Bn
- Gas - approx. 50% (240Bn)
- Renewables - Hydro, PV, Wind, Geo approx. 25% (122Bn)
- Transmission/Distribution - USD 345 Bn



METKA IN AFRICA

PROJECTS IN AFRICA



GHANA

GHANA

- 250MW OCPP T10 PROJECT (TAKORADI)
- 200MW CCPP AMANDI ENERGY (TAKORADI)
- 200MW CCPP BRIDGE POWER (TEMA)



UGANDA

UGANDA

- 10MW PV BUFULUBI PROJECT (MAYUGE DISTRICT)



NIGERIA

NIGERIA

- 240MW AFAM III OCPP (PORT HARCOURT)
- 10MW HYBRID NIGERIAN UNIVERSITIES

METKA IN AFRICA

PROJECTS IN AFRICA



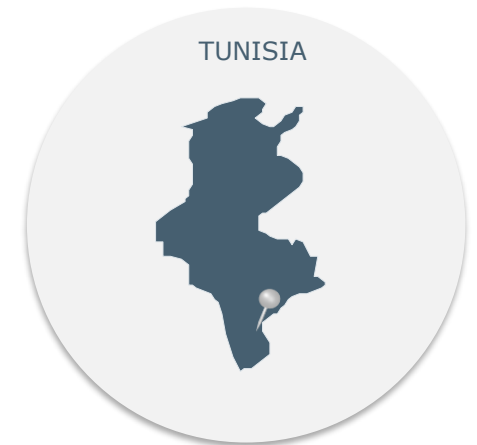
ALGERIA

- 368MW OCPP Hassi R'mel I
- 590MW OCPP Hassi R'mel II
- 1GW OCPP Fast-track Solutions (8 sites)



LIBYA

- 740MW OCPP TOBRUK



TUNISIA

- 5.5 MWp ADAM Hybrid Energy Project, Tataouine

EPC PROJECTS - AFRICA



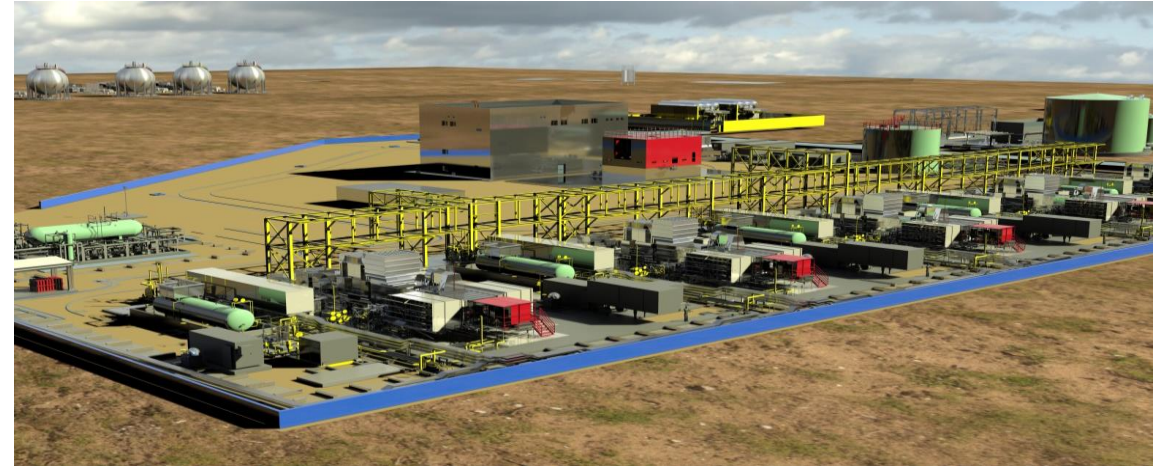
GE - TM 2500 gas turbine units



EPC PROJECTS - AFRICA



Nigeria – AFAM III (240MW)



Ghana – Bridge Power (200MW)



Ghana – T10 (250MW)



Algeria – Fast Track (1GW)

EPC PROJECTS - AFRICA



Algeria – Hassi R'Mel (368 + 590 MW)

Ghana – Amandi Energy (200 MW)



EPC PROJECTS - AFRICA

**Nigeria – Energizing Education Program
(Nigerian Universities - 10MW Hybrid)**



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Uganda – Bufulubi (10MWp)



Tunisia – ADAM (5.5 MWp + 3MW/1,5MWh LiIon NMC)

EPC PROJECTS - AFRICA



EFFURUN/Delta State University of Petroleum Resources

**Nigerian Universities Project,
awarded at the ARE Awards 2019 as 'Best Off-Grid Project'**

