

Romelectro offer for Egypt market



Egypt - huge investment programs

Big investment programs in the coming years in all industries:

■ Power:	116,60 b\$
■ Oil and Gas:	32,35 b\$
■ Water	3,54 b\$
■ Chemistry	23,4 b\$
■ Other Industries	38,8b\$
■ All together	214,76 b\$

Source: MEED Projects



Egypt - huge investment programs

Big investment programs in the coming years in industry. On stages:

- Pre-invest studies, permits: 102,54 b\$
- Design: 30,67
- Bid, pre-contract: 22,58 b\$
- Execution: 58,96 b\$
- All together 214,76 b\$

Source: MEED Projects



Egypt - huge investment programs

All investments together in Egypt

Including industry, transportation, agriculture, tourism, real-estate, etc means

- More than 1200 projects
- gathering more than 700 b\$

Source: MEED Projects



Egypt - huge investment programs

Egypt National Power System

A strong unified developed system.

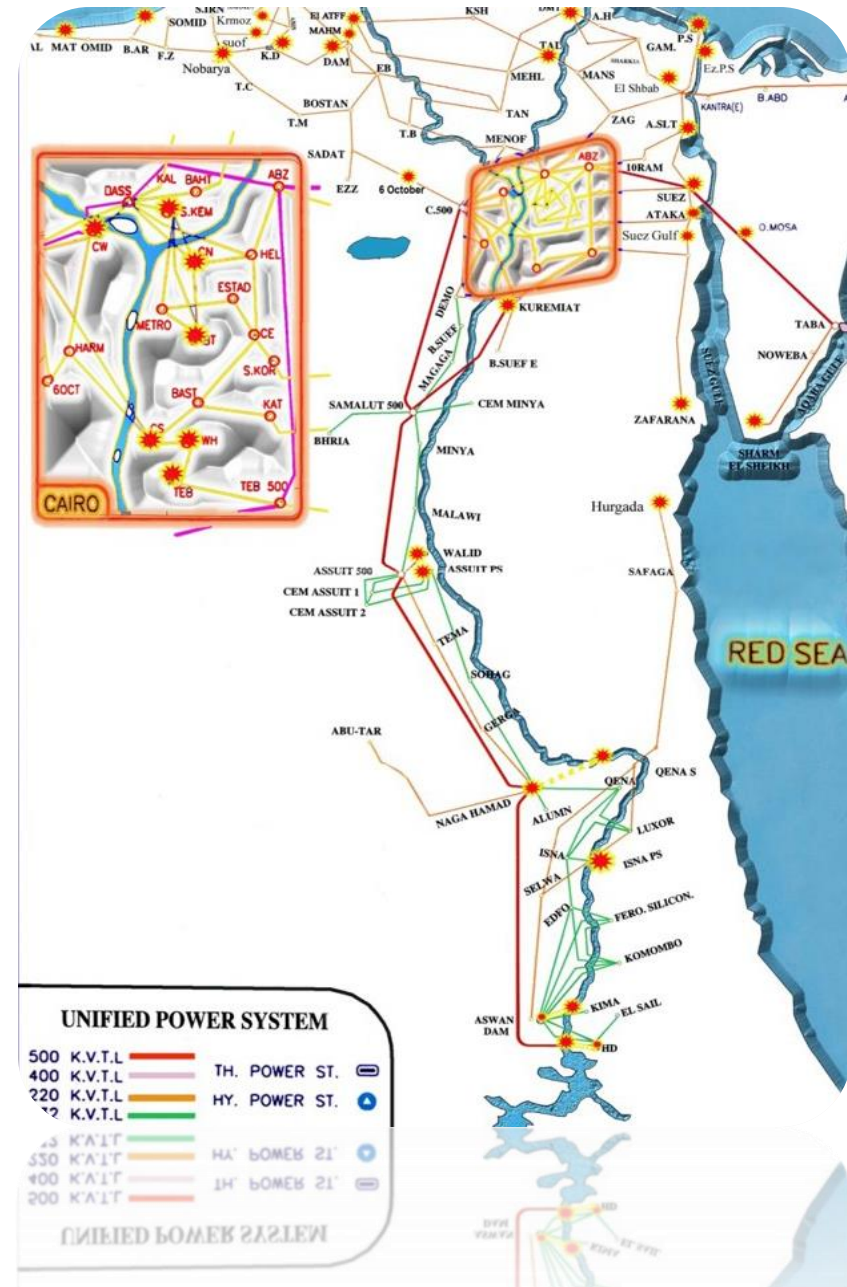
A very ambitious investment program for the coming 10 years! :

More than **100 b\$** to invest in power generation (gas, coal, nuclear, renewable)

More than **9 b\$** to invest in power transmission .

Source MEED Projects

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Egypt - huge investment programs

What Risk analyzers are saying? (Romelectro intern research)

Risk Analyzer	Total Range	Egypt specific risk	Risk Index
Coface – Country Risk	A1, A2, A3, A4, B, C, D	C	0.7
Coface – Business Climate Risk	A1, A2, A3, A4, B, C, D	C	0.7
Doing Business (World Bank)	Economies are ranked on their ease of doing business, from 1 to 189.	122	0.64
Economist Business Intelligence Unit - Rating	From A to E (E most risky)	C	0.5
Economist Business Intelligence Unit - Score	From 1 to 100 (100=most risky)	52	0,52
OECD	From 0 to 7	6	0.8
Euler Hermes	From A...D for medium term and 1...4 for short term	D3	0.8
Average for the 5 analyzers			0.60

Romelectro in Egypt

ROMELECTRO GROUP of companies. Involvement in Egypt



**EPC Contractor,
Project Developer
and Investor in the
fields of power and
heat generation,
power transmission
& distribution, and
industry**

Founded – 1971

**In Egypt:
EPC Contractor,
Project Integrator**

**Leader as
consulting and
engineering
company in the
field of power
generation, power
T&D, environmental
protection and
industry**

Founded – 1949

**In Egypt: consultant
and engineer.**

**Erection and
commissioning
works for power
Transmission and
Distribution
projects.**

Founded - 1949.

**In Egypt:
erection and
commissioning of
electrical systems.**

**Contractor for
manufacturing and
testing for steel
structures in the
field of power T&D
and tele-
communications.**

Founded - 1953.

**In Egypt:
manufacturing,
testing and supply
of metal structures.**

**New entity with
Romanian and
Saudi Shareholders,
acting as EPC
Contractor and
Project Developer
in Golf Countries**

Founded - 2016.

**In Egypt:
acting if necessary,
as contractor.**

Romelectro in Egypt

Markets of Romelectro interest in Egypt:

- Power Generation – thermal and hydro
- Power Generation – renewables
- Power Transmission
- Oil and Gas Industry
- Water Industry
- Other industries



Romelectro offer for Egyptian market

Romelectro in Egypt

Romelectro offer:

Turn-key Contractor for green-field or rehabilitation projects

- **Technical, commercial and institutional consultancy**
- **FEED, Basic and detail engineering**
- **Equipment supply**
- **Installation and erection**
- **Site supervision**
- **Commissioning**



Romelectro in Egypt

Bidding for Power Generation:

PG projects:

- Fossil fired, in condensation or in cogeneration
- Fossil fired on Gas (SCGT, CCGT, based on gas engines, a.s.o.)
- Renewable:
 - PV,
 - wind,
 - biomass, biogas, WtE.



Romelectro in Egypt

Bidding for Power Transmission:

PT projects:

- power system development
- electrical substations (any voltage)
- electric lines (over-head or cables, any voltage)

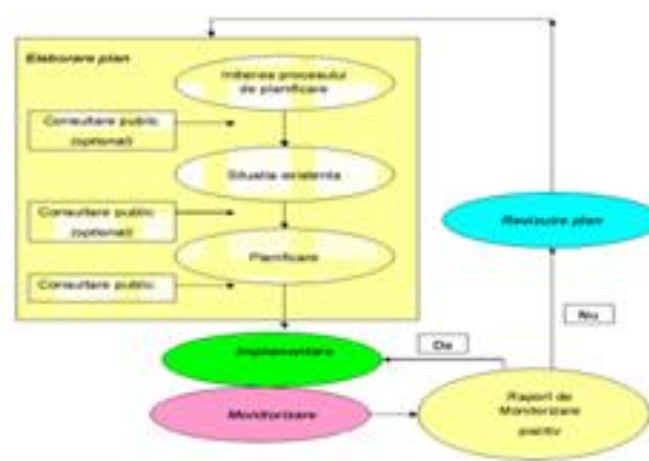


Romelectro in Egypt

Bidding for Communities:

Romelectro promotes the highest technologies for:

- Optimisation of energy production based on fossil or renewable sources
- A special approach concerning Waste to Energy projects
- Consultancy for strategies and master plans on environmental protection
- Execution of environmental projects: solid waste, water, waste water



Romelectro in Egypt

Bidding for Industries:

Romelectro promotes the highest technologies for:

- optimisation of energy consumption in any industrial plant,
- power generation and distribution,
- power quality,
- energy efficiency and
- environmental issues.



Romelectro in Egypt

Steps done:

- Organizational procedure clear
- Agency contract signed (November 2015)
- First contract signed (March 2016)
- Romelectro Egypt branch in operation (since June 2016)
- Local partners – already identified or in process.



Romelectro in Egypt

What Romelectro brings in Egypt:

- Know-how
- Expertise
- High-technologies



Romelectro uses to be a **hub** of Romanian companies in:

- engineering,
- manufacturing,
- execution
- commissioning

for:

- energy
- oil and gas
- water
- other industries
- communities

Romelectro acts in Egypt in close cooperation with local companies!

Romelectro in Egypt

Contract signed in Egypt: Burullus Thermal Power Plant unit 1 - 1200 MW

Romelectro, as Consortium leader,
together with Romanian companies – SAEM Energomontaj and ElectroService
and the Egyptian partner Leeds
perform the works of erection, testing and commissioning for
Combined Cycle Power Plant Burrulus, Unit 1 - 1200 MW.

Burullus is one of Egypt “Mega-Projects”.
This Program gathers 14,4 GW new power in 3 TPPs.

Client: ORASCOM CONSTRUCTION

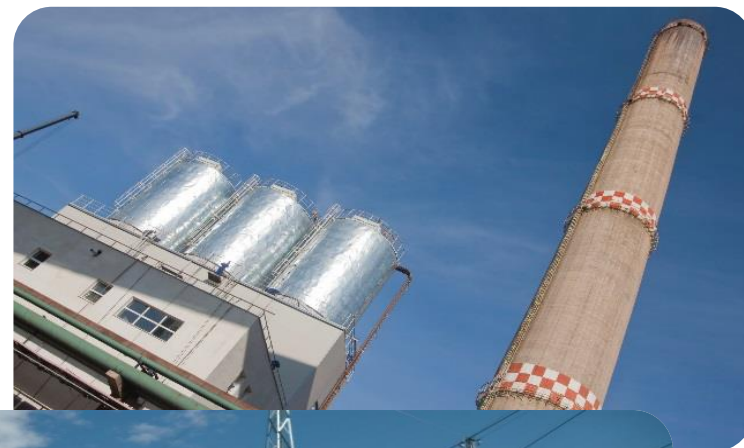
Final Beneficiary: Egyptian Electricity Holding Company (EEHC)



Romelectro in Egypt

Final remarks:

- The Egypt market is very generous as contract opportunities.
- Romelectro is very committed in the Egypt market being interested for power (generation classic, renewable, T&D), but also for water, oil, gas, other industries, communities.
- Romelectro fits from capabilities point of view to compete successfully on this market.
- Romelectro is looking for local partners in Egypt.



Romelectro in Egypt

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Burullus – works on site March 2017

**Romelectro is very committed to
join Egyptian companies!**



Burullus – works on site March 2017



Burullus – works on site March 2017

Thank you !