

CONSTRUCTION IN IRAQ BUILD OPERATE TRANSFER



Athens - May 18, 2017



SATAREM PRESENTATION

Satarem is an engineering Company established in Paris, France in 1992 and specialized in the construction and upgrade of:

- Cement plants
- Power plants
- Waste To Energy
- Renewable energies
- Refineries

Satarem is now based in Beirut and Baghdad:

- Represented in 60 countries over 5 continents
- Over 150 employees, 80% in engineering
- Pipeline projects value over US\$ 7 Billion

Satarem established Satarem Iraq and started investing in Iraq in 2010 when the Iraq Ministry of Electricity tendered for power plants.



LOCAL ENVIRONMENT

□ ADVANTAGES

- Strong legal frame;
- Large scale projects (housing, infrastructure, oil & gas, train, ports...);
- Very competent teams in the Ministries and other Government bodies;
- Know-how of the local Companies;
- Good existing infrastructure;
- Financial guaranties.

□ OBSTACLES

- Bureaucracy (not worse than in other countries);
- Insecurity (the situation is improving very fast);
- Government changes (fortunately not often).



SOME OF THE CONSTRUCTION PROJECTS

❑ HOUSING

- Construction of several thousands of housing units.

❑ PORTS

- Construction of Al-Faw new port;
- Capacity increase of existing ports.

❑ OIL & GAS

- 4 refineries are to be built;
- Petrochemistry.

❑ ENERGY

- Iraq needs immediately 6 000 MW of new electricity generation (gas, fuel oil, solar, geothermal).

❑ TRAIN

- Najaf – Kerbala high speed train;
- Automation of the existing Basra-Baghdad line;
- Refurbishment of Baghdad – Mosul line.



WHY INVEST IN IRAQ ?

❑ **LEGAL FRAME**

- The Investment Laws guaranty the security of the investments and investors.

❑ **IMPORTANT PROJECTS**

- It is presently the only place in the world where large scale projects can be implemented;
- Population growth and reconstruction will lead to more demand in infrastructure;

❑ **STRONG ECONOMY**

- Iraq is the 3rd largest crude oil world producer and exporter with large reserves of crude oil, gas and minerals;
- The Ministry of Finance guaranties are accepted in all the international banks.



OUR EXPERIENCE IN IRAQ

❑ MAISAN REFINERY

- We were awarded by the Iraq Ministry of Oil the financing and construction of the Maisan Refinery in October 2013;
- Iraq is the only country guaranteeing a 50 year crude oil supply to the investor in a refinery;
- Financial Close was reached in April 2017 for \$6.7 Billion;
- Construction will start on the ground in June 2017.

❑ POWER PLANTS

- The supply of gasoil from the Maisan refinery to the Iraq Ministry of Electricity, opens the possibility to build several power plants.

❑ TRAIN

- We are studying the feasibility of the Najaf-Kerbala high speed train.

MAISAN REFINERY AND POWER PLANT PROJECT

Project Name	Maisan Oil Fired Power Plant Project
Owner	Maisan International Refinery Company
Location	Maisan, Iraq
Capacity	Power plant: 1000MW
	Matched refinery plant: 150,000bpd
Construction Period	36 Months
Occupied Area	6 Hectares
Overall Investment	2 Billion USD
EPC Contractor	China WUHUAN Engineering Co., Ltd.

