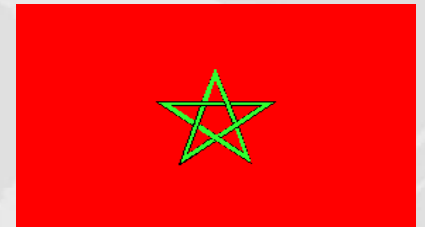




Société d'Investissements Énergétique (SIE) Energy Investments Company

Morocco Solar Photovoltaic (PV) Reverse Trade Mission

June 8 - 18, 2014



LA SOCIÉTÉ D'INVESTISSEMENTS ENERGÉTIQUES



Created in February 2010 (decree n 2-09-410 from June 30, 2009), the SIE is today the reference tool for the State to invest in the energy sector and more specifically in renewable energies and energy efficiency.

The SIE is an important element of the national scheme aiming at reaching the objectives of the national strategy issued by the Ministry of Energy, Mines, Water and Environment and driven by His Majesty the King Mohammed VI, God bless Him

LA SOCIÉTÉ D'INVESTISSEMENTS ÉNERGÉTIQUES

- 100% state owned company
- Key financial tool to promote investments in RE and EE
- Basics:



Société d'Investissements Énergétique



ELECTRICITY PRODUCTION WITH RENEWABLE ENERGY

- Support large scale national programs



MEDIUM VOLTAGE

- Cover the medium voltage sector mainly with PV mini-plants
- Waste to energy



ENERGY EFFICIENCY

- Drive the investment in energy efficiency
- (Public buildings , industrial zones, new cities)



UPSTREAM INDUSTRY

Support the relevant industry upstream

Equity participation to support the development of industrial value chains in the Kingdom within the SIE's scope of intervention

National Programs

National Wind Program (PNEI)



The SIE supports the ONEE (Moroccan Electricity and Water Board) in the implementation of the PNEI and provides equity directly or indirectly to project owners.

Moroccan Solar Program



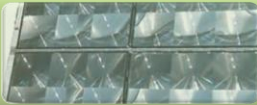
The SIE has 25% of stake participation in the Moroccan Solar Agency ever since its creation and participates in its governance as a member of the Supervisory Board.

This project is in line with the large scale projects launched within the framework of the High Royal Directives aiming at mobilizing the national resources in renewable energies and at protecting the environment.

MEDIUM VOLTAGE

- Photovoltaic solar
- Waste as a source of energy

SIE projects' portfolio *(extract)*

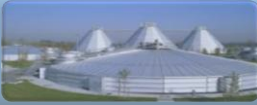


Solar farms :

Photovoltaic mini plants in the integrated industrial platform at Kénitra (PII), Oujda (CPV), ...



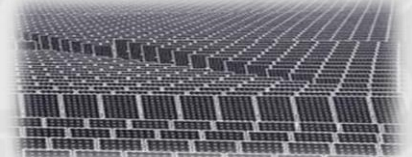
Development of a small 20 MW and 25 MW South of Morocco



Electricity production using waste from the Tiznit landfill through gasification



“Biogaz” to Compressed Natural Gas in the Médiouna region



PHOTOVOLTAIC MINI SOLAR POWER PLANTS ON THE INTERGRATED INDUSTRIAL PLATFORM AT KENITRA (PII)

Within the framework of the cooperation agreement signed by CDG-MEDZ and the SIE on November 30, 2012 covering the development of production solutions for renewable energies, the SIE is co developing with JET ENERGY the first PV mini power plant of 2 MW on the Kénitra PII platform managed by MEDZ.



Location	Kénitra
Total power	1.85 MW
Annual production	Estimated at 3.5 GW

ENERGY EFFICIENCY



Street lighting

- National PPP model developed
- National pilot project initiated in Salé: reduction of 50% of the energy bill
- Set of new cities underway



State buildings

- Green Mosques program
- Hospital buildings
- Schools



Industry

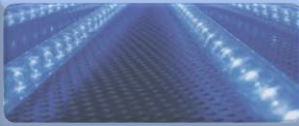
- Energy efficient with the main steel producer in Morocco
- The objective is to set up a global model for the industry sector

INDUSTRIAL UPSTREAM

SIE projects' portfolio (*Extract*)



Industrial unit producing photovoltaic panels



Production of street lamps (LED, ...)



Solar water heater

Some projects are in final phases with industrial partners, for example :

PV production unit project : « made in Morocco » panels

The objective is to launch an industrial unit specialized in the production of photovoltaic modules

Investment opportunities

PV4ALL program

Waste to energy program

Energy efficiency program

**Local industrial value chain : equipments in RE
and EE sectors**

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Thank you for your attention



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