Energy Profile: Tunisia

**Cogeneration development in Tunisia** was launched in 2001. The total installed capacity is around 36 MW with a yearly production of 236 GWh.

The Target is a 17% share of renewable resources from total energy consumption by 2020, and 20% by 2030. The Tunisian government aims to produce 11% of electricity from renewable sources by 2016, and 25% by 2030. The objective is to install a capacity of 1,000 MW in 2016 and 4.7 GW by 2030 from which 2,700 MW wind energy capacities, and 1700 MW solar energy capacities.

The **Electricity Production Mix in 2013. (18 TWh)**

- gas - 17.673 GWh
- hydro - 60 GWh
- wind - 358 GWh
- other sources - 212 GWh

**Electricity Consumption by Sectors in 2013. (14.3 TWh)**

- industry - 5.304 GWh
- transport - 93 GWh
- residential - 4.294 GWh
- services - 4.026 GWh
- agriculture - 1.011 GWh

**The legislative tool (Law No. 2009-7 of February 9, 2009)** This law allows power auto-production from renewable energy with a right to sell to STEG up to 30% of power generated at a price equivalent to HT prices. Auto-producers are allowed to use the national grid to transport power to point of consumption, on payment of a transport fee, currently set at 0.005 DT/kWh. The new electricity transport contract allows the group self-producers to use sub-contracting tools in order to ensure electricity production.

**The financial and incentive tool**

- Reduction of customs duties to the minimum rate of 10% (from a general rate of 18%) and exemption from VAT for imported equipment used for EE or RE, for which no similar equipment is manufactured locally;
- Reduction of customs duties and exemption from VAT for imported raw materials and semi-finished products entering into the production of equipment used in the field of EE and RE;
- Exemption from VAT for locally manufactured raw materials and semi-finished products entering into the production of equipment for EE and RE;
- Exemption from VAT for equipment manufactured locally and used in the field of energy conservation or of renewable energies.

**Increasing in electricity demand** is estimated at 5% per year without mega projects and 7% per year if megaprojects are maintained.

Tunisia has also committed to be part of the DESERTEC “super-grid” that will connect African and European countries. But Deseretec might be “too expensive and utopian.”