



Decarbonising Europe's Electricity System

Dii Conference
2 November 2011

Cairo, Egypt.

TuNur – Solar Export from North Africa to Europe

Solar Export – 3 projects in 1

- For export projects to be successful, the following conditions have to be satisfied at the same time:
 - Production of renewable electricity in the North African desert at sites with high solar radiation;
 - Interconnection cables between North Africa and Europe for transport of clean electricity;
 - Electricity customers buying imported solar electricity at a premium price (especially for first projects).
- Nur Energie is developing a 2000 MW CSP tower project to generate clean energy in the desert. First groups expected ready for construction in 2014.
- High Voltage Direct Current (HVDC) cables will transport electricity to Italy and from there to the rest of Europe – Interconnection offer from Terna, the Italian grid operator, has been secured



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Local markets - Local Partners

Tunisia today

- Nur Energie has already worked with several Tunisian partners:
 - Comete Engineering (large independent engineering services company);
 - Solar Energy Systems (SES) S.a.r.l (most established solar and renewables EPC in the region, with extensive experience in installing and operating solar systems in the desert.)
- For the next phase of Tunisia project development, Nur Energie has agreed to form a 50:50 joint venture with Top Oilfield Services:
 - Top Oilfield Services is an experienced oil & gas industry services provider;;
 - Top Oilfield Services has many reference infrastructure installations in the Tunisian desert, as well as offshore works, including work on upgrading the Algeria-Tunisia-Italy TRANSMED gazoduc;
 - Ideal partner for the concrete implementation of first solar projects in Tunisia and contributing to the creation of a local industry.