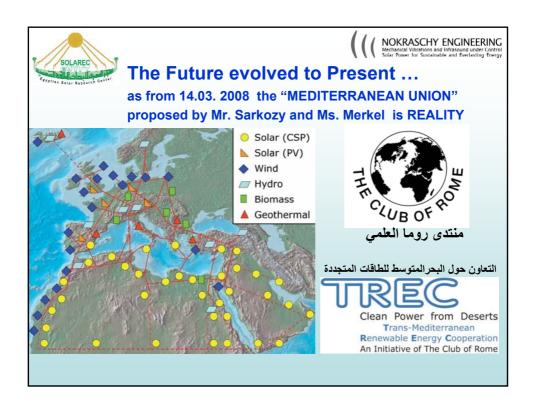




New Solar Thermal Power Plants can cover Egypt's Demand for Energy and Water

Presentation at the National Research center
Cairo, 25 March 2008
by

Dr.-Ing. Hani El Nokraschy www.nokraschy.net www.solarec-egypt.com







Berlin, 19.04.2007 Ministerial Conference on Renewable Energy FORGING ENERGY PARTNERSHIP



Heidemarie Wieczorek-Zeul

German Minister of Economic Cooperation:

We want to **forge** an **energy partnership** with Africa for sustainable energy management.





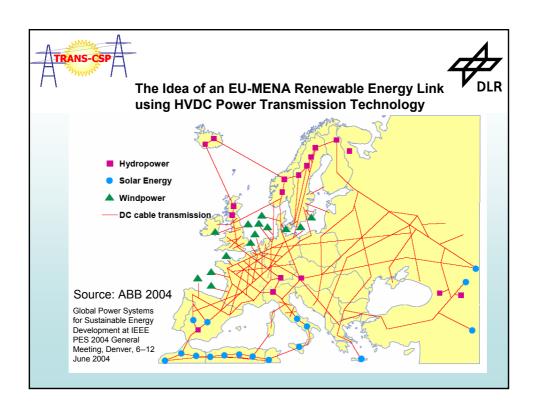
A Ground breaking Idea

German Federal Minister of Environment:

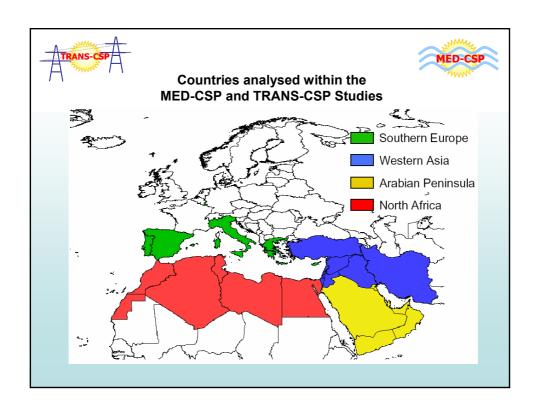


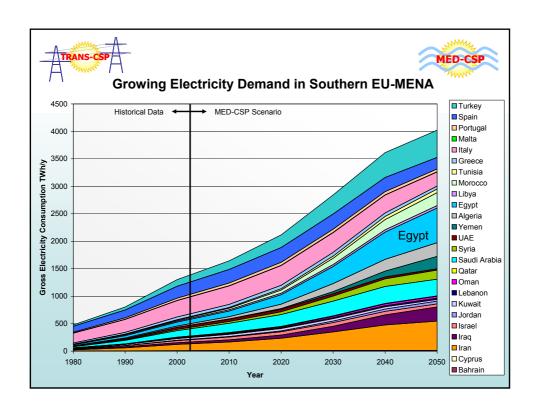
Sigmar Gabriel

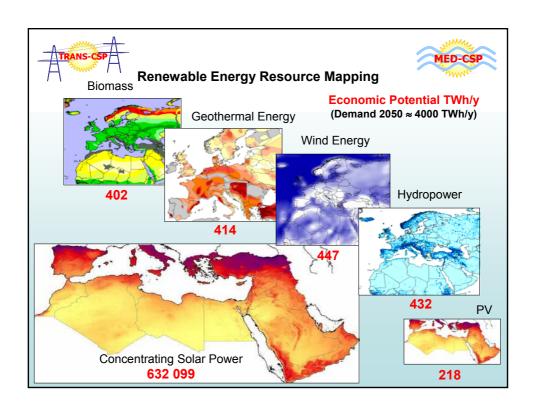
Studies on potential by the German
Aerospace Center find that solar thermal
power plants in southern Europe and northern
Africa could play an important role in securing a
sustainable European energy supply.....
The idea is ground-breaking: it means that in
20 to 30 years we can procure part of our
energy from solar power plants in North Africa.
....one day, the European "super grid" will be
able to transfer electricity produced in solar
thermal power plants to central Europe —
without any power cuts!

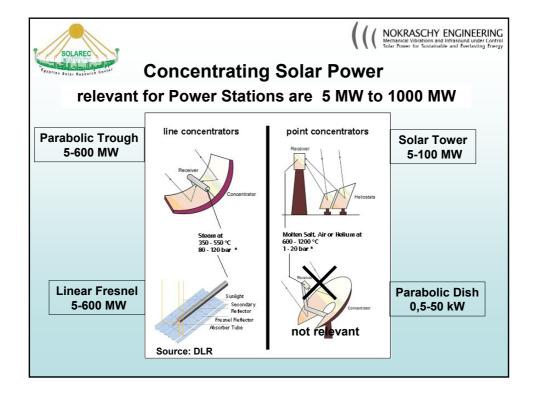


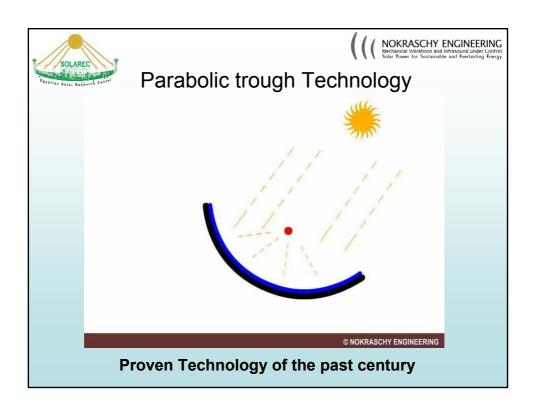


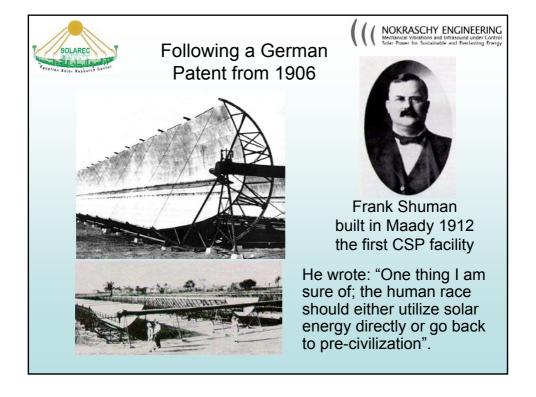


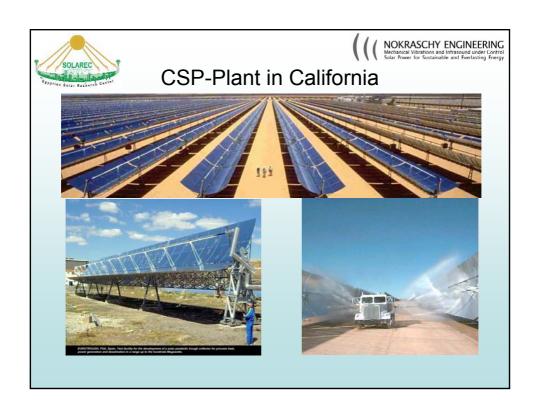


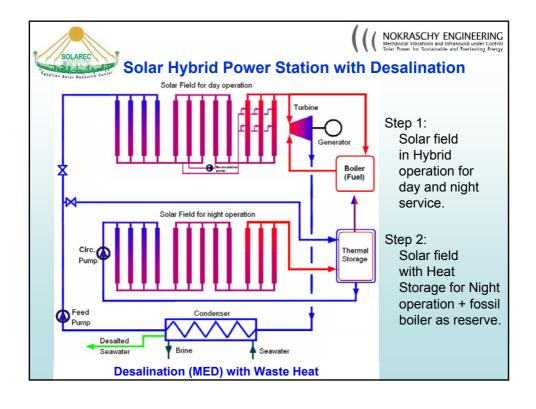








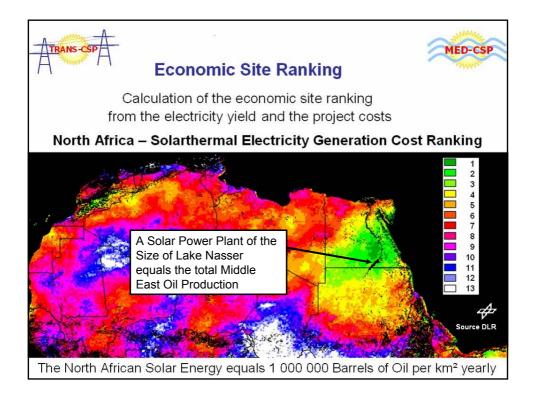


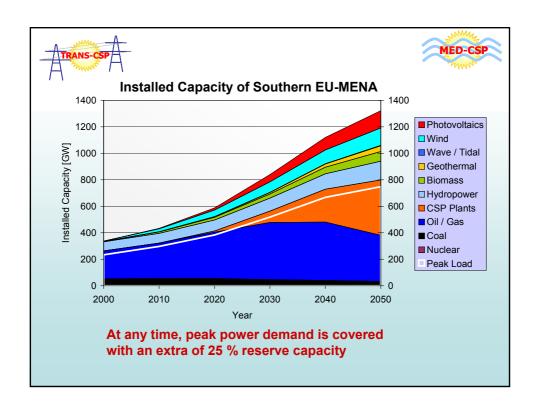


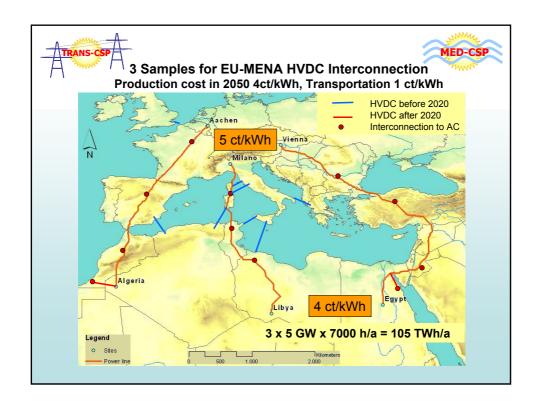


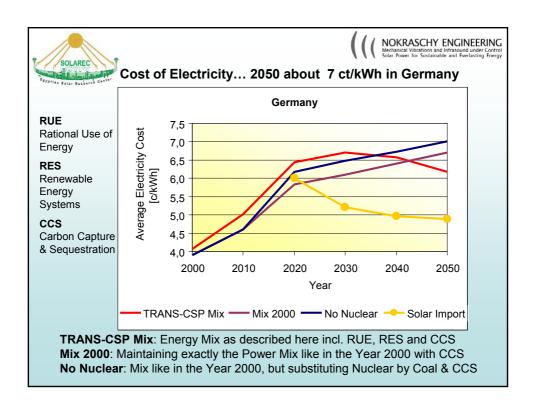


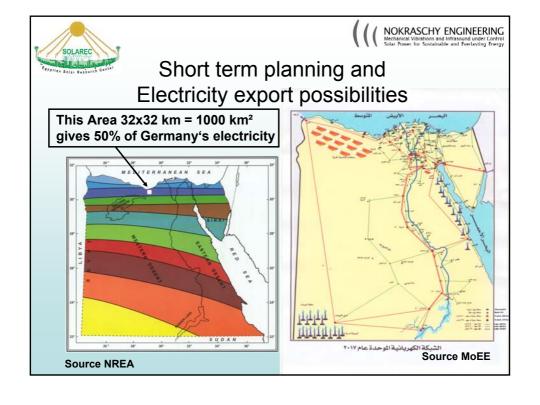
















The Requirements in Egypt are different than those of Europe...

- Not only Electricity is needed ...
 - ... 6-8% increase yearly
- · Water is also needed ...
 - ... One more Nile by 2050

