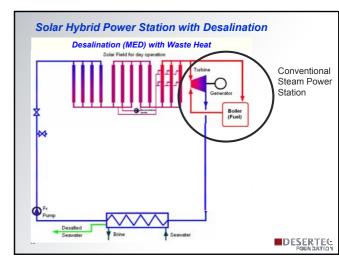


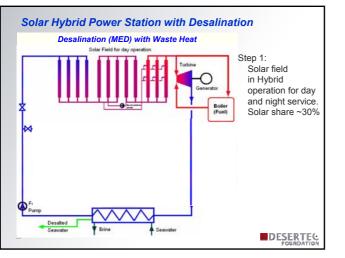
The DESERTEC Concept for EU-MENA

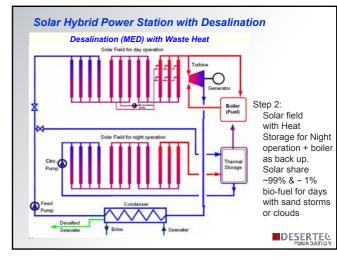
The best sites offer the greatest benefit for climate protection

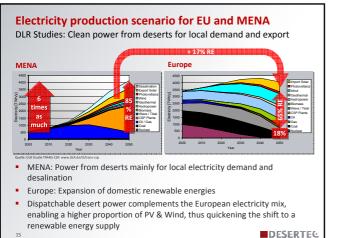
- For the same investment, the best sites can produce more clean electricity and therefore replace more conventional power
- Solar energy especially in the south, wind power in coastal areas, hydropower in the mountains, biomass in fertile central Europe, geothermal as available

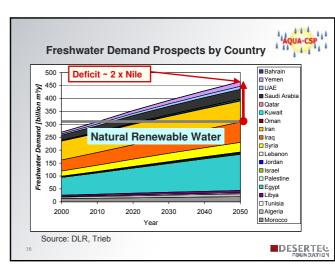


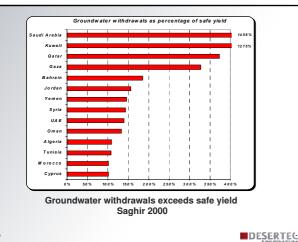


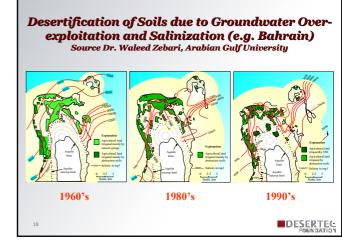


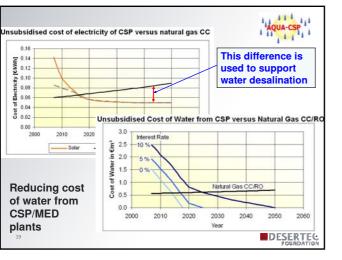






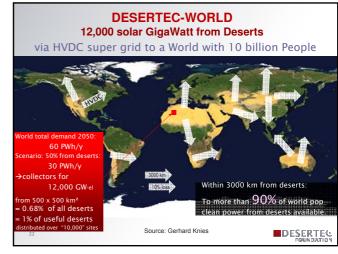












The DESERTEC concept for 10 billion people

- Responsibility when managing the remaining resources
 Education for wise Resource Management
- All peoples of the earth shall have a realistic chance for development.
 Energy for Development
- Collect energy from the deserts, as it is abundant and not used
 > The Sun gives in 6 hours the Energy used in one year
- Transport the collected energy from the deserts over long distances to the users
 Via HVDC, an available technology
- Produce potable water by desalination to satisfy food demand
 Clean Electricity and use of Waste Heat for Desalination

What can we do to foster Development of MENA?

- Long term power purchase agreement to supply clean Energy from MENA to EU
- MENA shall shift subsidies from Oil/Gas for electricity production to subsidising delivered electricity, giving priority to localy produced components.
- Ground an EU-MENA company that builds HVDC lines between EU and MENA.
- Ground an EU Company that that buys clean electricity from MENA and sells it to the EU grid.
- Agree that the delivery of electricity is coupled with a reasonable amount of desalted seawater: e.g. 20-40 m³ for each MWh delivered electricity.
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