



# Potential and Requirements for CSP Desalination in MENA

Granada, September 22, 2011

Massimo Moser, German Aerospace Center (DLR)



Deutsches Zentrum  
für Luft- und Raumfahrt e.V.  
in der Helmholtz-Gemeinschaft

# The MENA Water Outlook Project

- Project supported by the World Bank
- In collaboration with Governments in the MENA Countries
- Objectives:
  - review of desalination potential in combination with CSP
  - development of a water supply scenario for MENA



**FICHTNER**



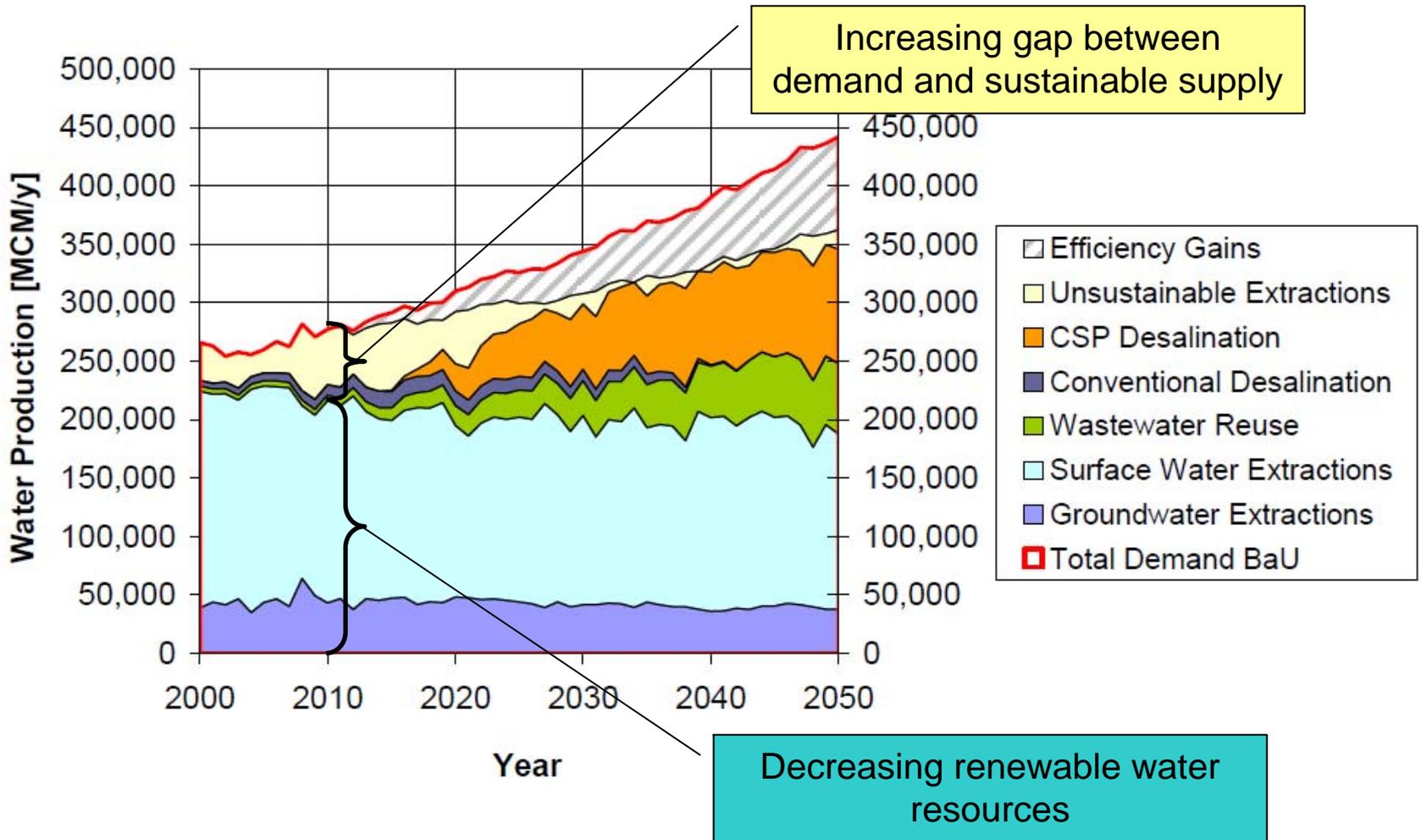
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# MENA Water Outlook water supply scenario



# Conclusions

- High uncertainty on future water availability! Unmet water demand of MENA in 2050 between 85 km<sup>3</sup> and 283 km<sup>3</sup> (average scenario 199 km<sup>3</sup>)
- Yearly adaptation cost US\$ 103 Billion €<sub>2010</sub>.  
Yemen (11.8%), Iraq (7.5%), Morocco (4.7%), Jordan (4.0%) and Egypt (2.4%) will face the highest cost in relation to the GDP.
- Almost all countries have enough potential to develop CSP also on coastal areas
- Start to act now in order to build-up the required industrial capacities. Political support is required!



Thank you for your attention!

For more Infos:  
[www.dlr.de/tt/menawater](http://www.dlr.de/tt/menawater)

massimo.moser@dlr.de

