

The Amazon Forest   Agriculture   Water availability   Sea-level rise   Carbon cycle   Temperature rises

Forest Fire   Crops   Water Availability   Sea Level Rise   Marine   Drought   Permafrost   Tropical Cyclones   Extreme Temp   Health

+ °Celsius

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2	4	5	7	9	11	13	14	16	18	20	22	23	25	27	29

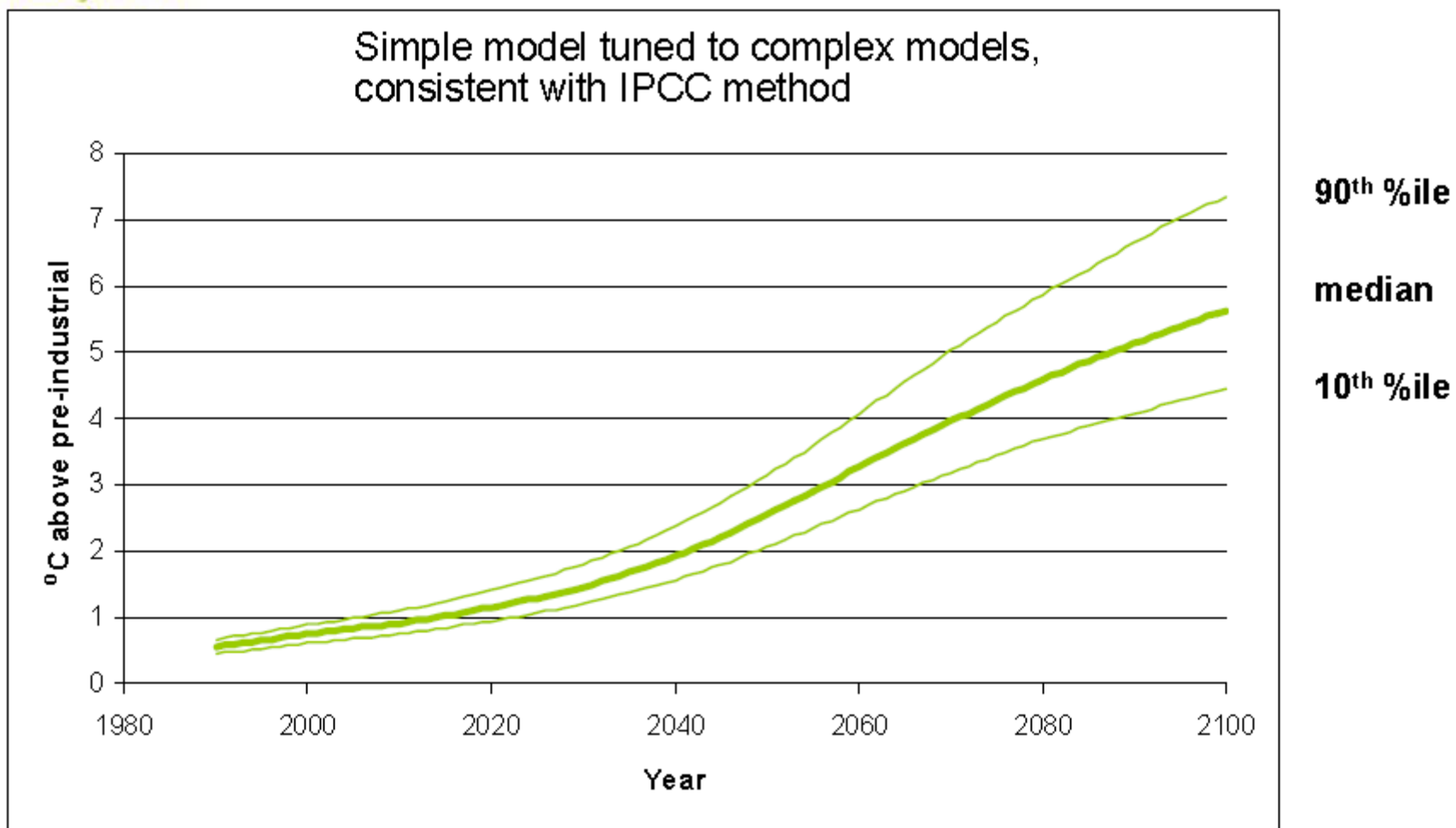
+ °Fahrenheit   Source: UN Statistics Division Demographic Yearbook 2007

City population  
● 5-10 Million  
● 10-20 Million

Credits



# Range of global warming projections for A1FI (high emissions) scenario, including carbon cycle feedbacks



≈ Sea Level Rise ✕

Sea-level rise combined with storm surges could pose a serious threat to people and assets in the Netherlands and south-eastern parts of the UK.

[Click here for more information ▶](#)



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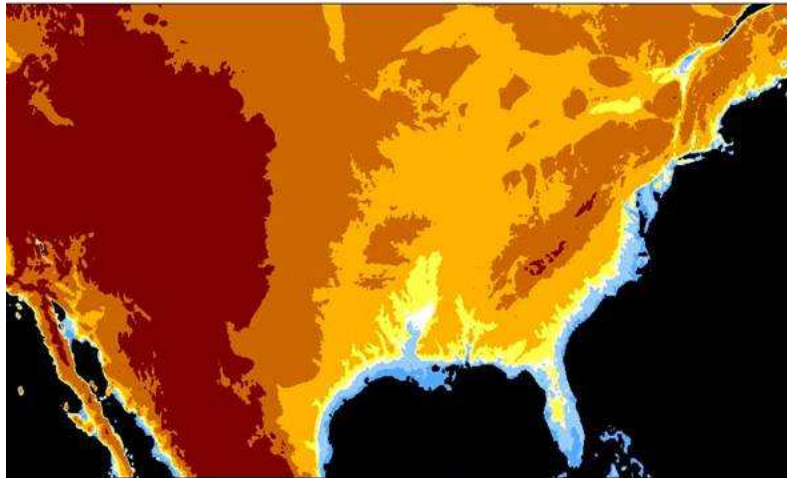
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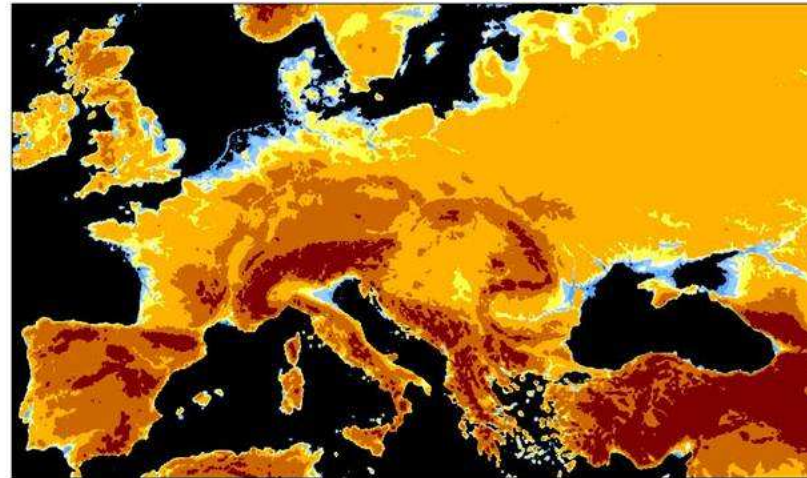
Source: UN Statistics Division Dem

# Areas Under Water: Four Regions

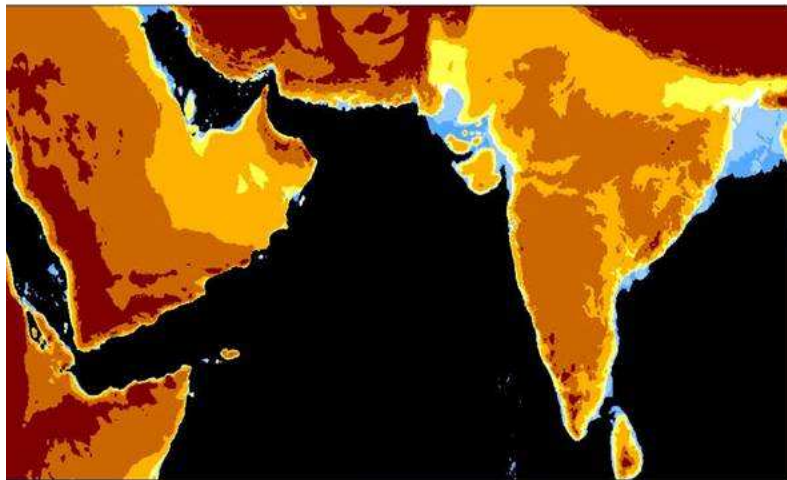
U.S. Area Under Water



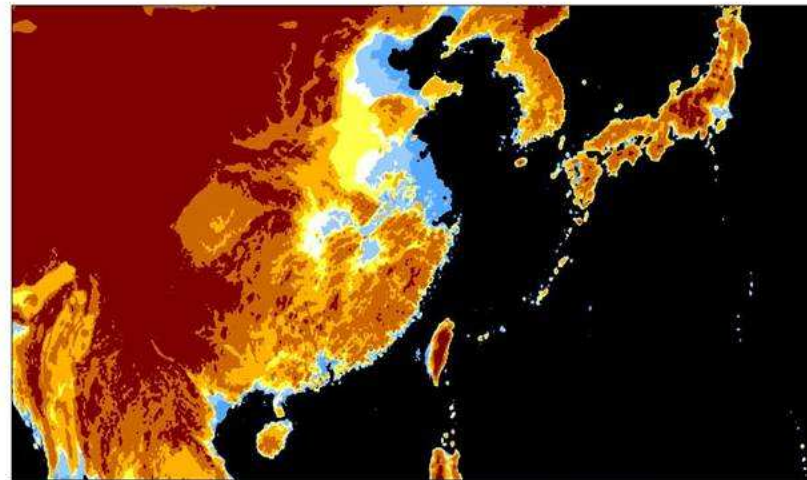
Europe Area Under Water



Central Asia: Area under Water



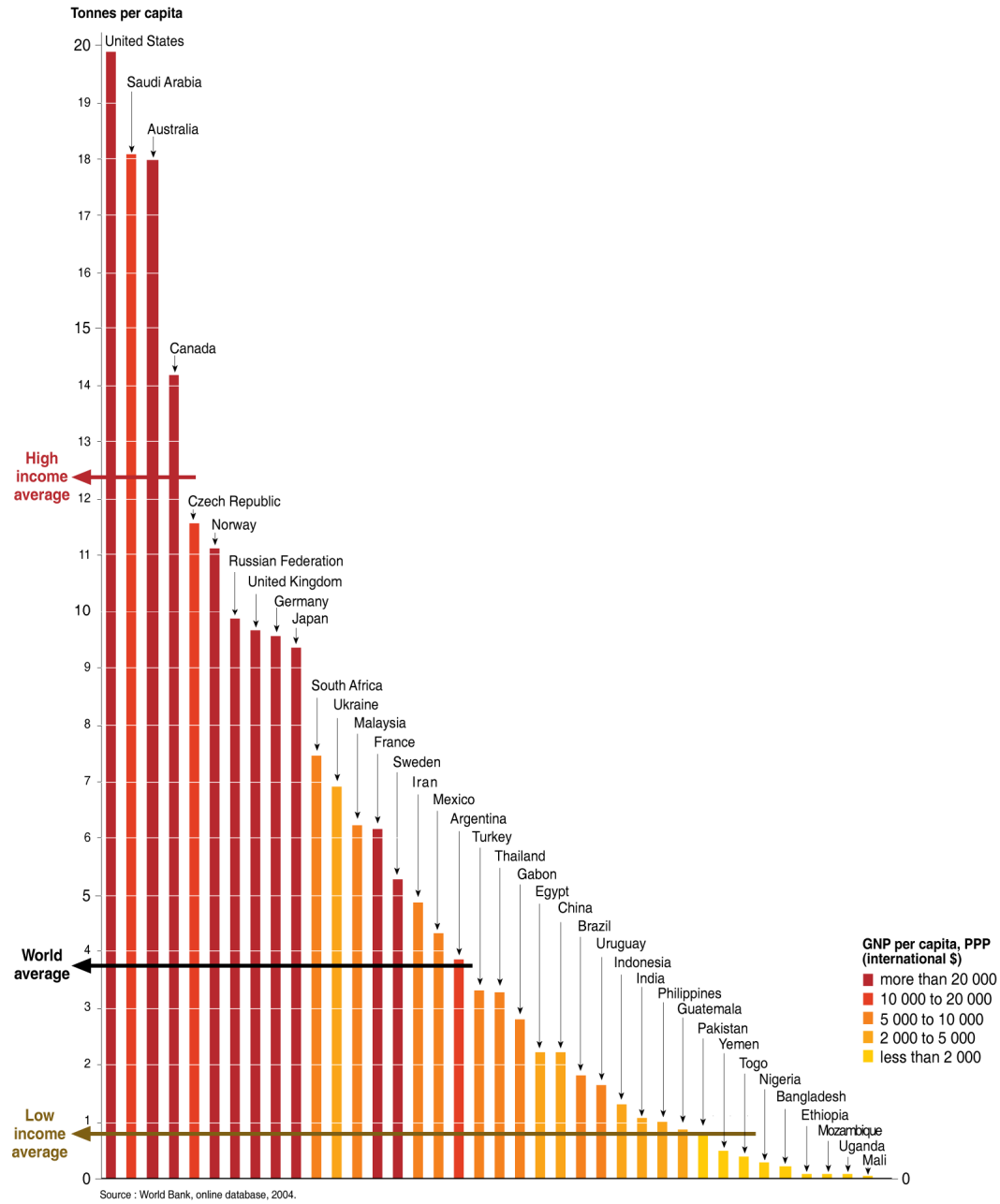
Far East: Area under Water



- Rise so far 0.7° C
- At 440 ppmCO<sub>2</sub>e (current level) some models estimate around 70% chance of exceeding 2.0° C
- Earth absorption 9.9 billion tonnes CO<sub>2</sub> in 2030
- 8.2 billion people
- Less than 1 tonne per person by 2030

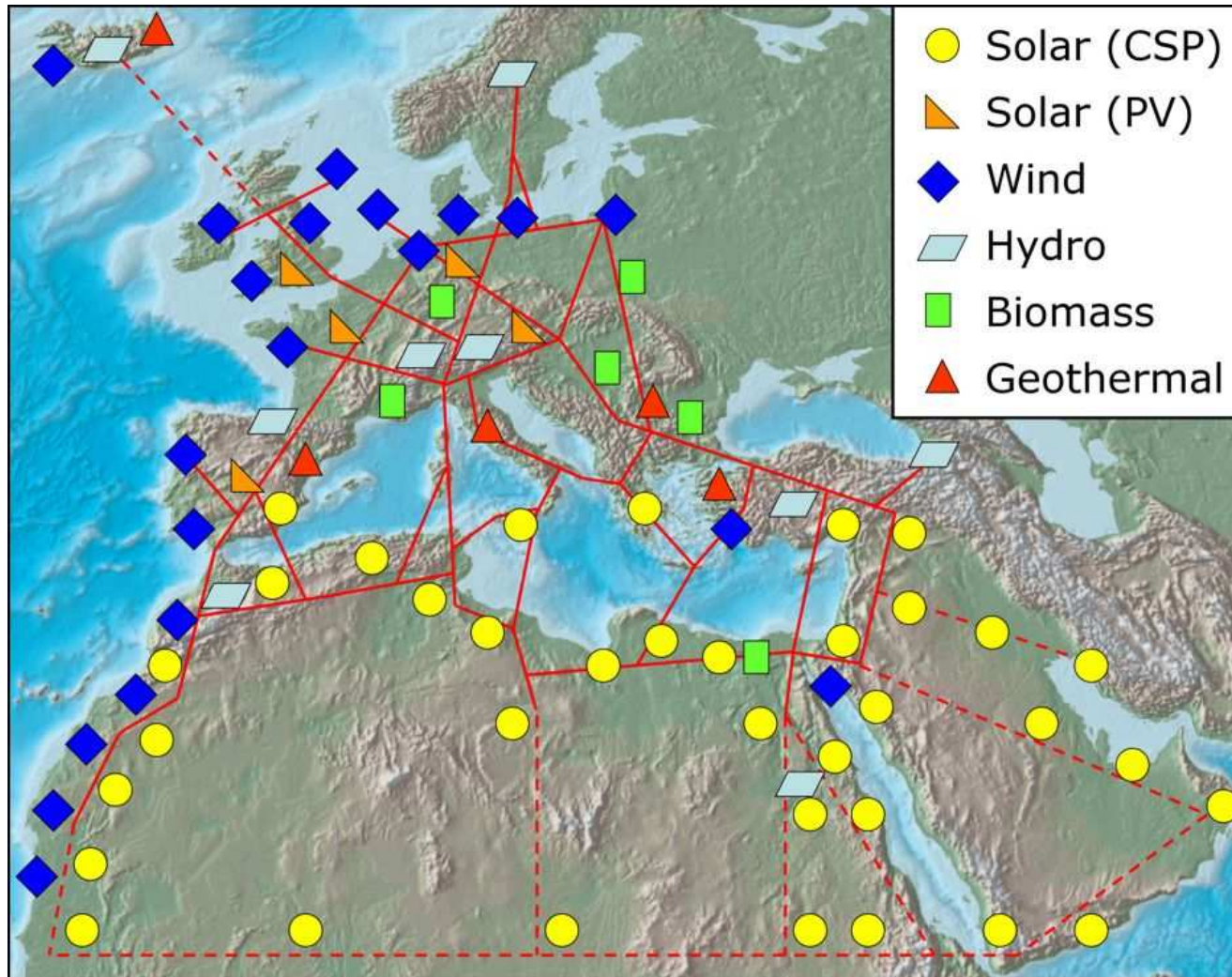


## CO<sub>2</sub> Emissions in 2002







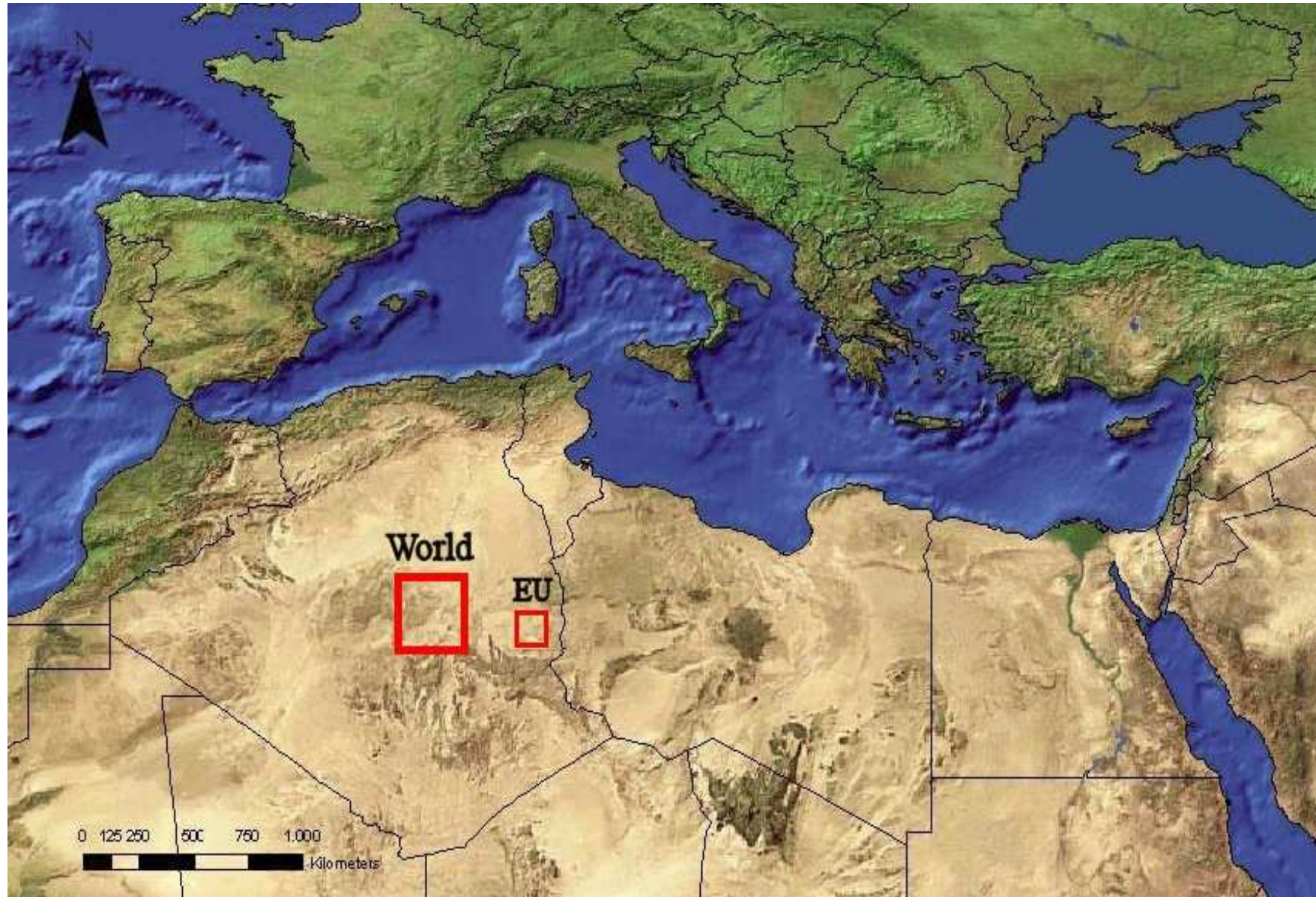






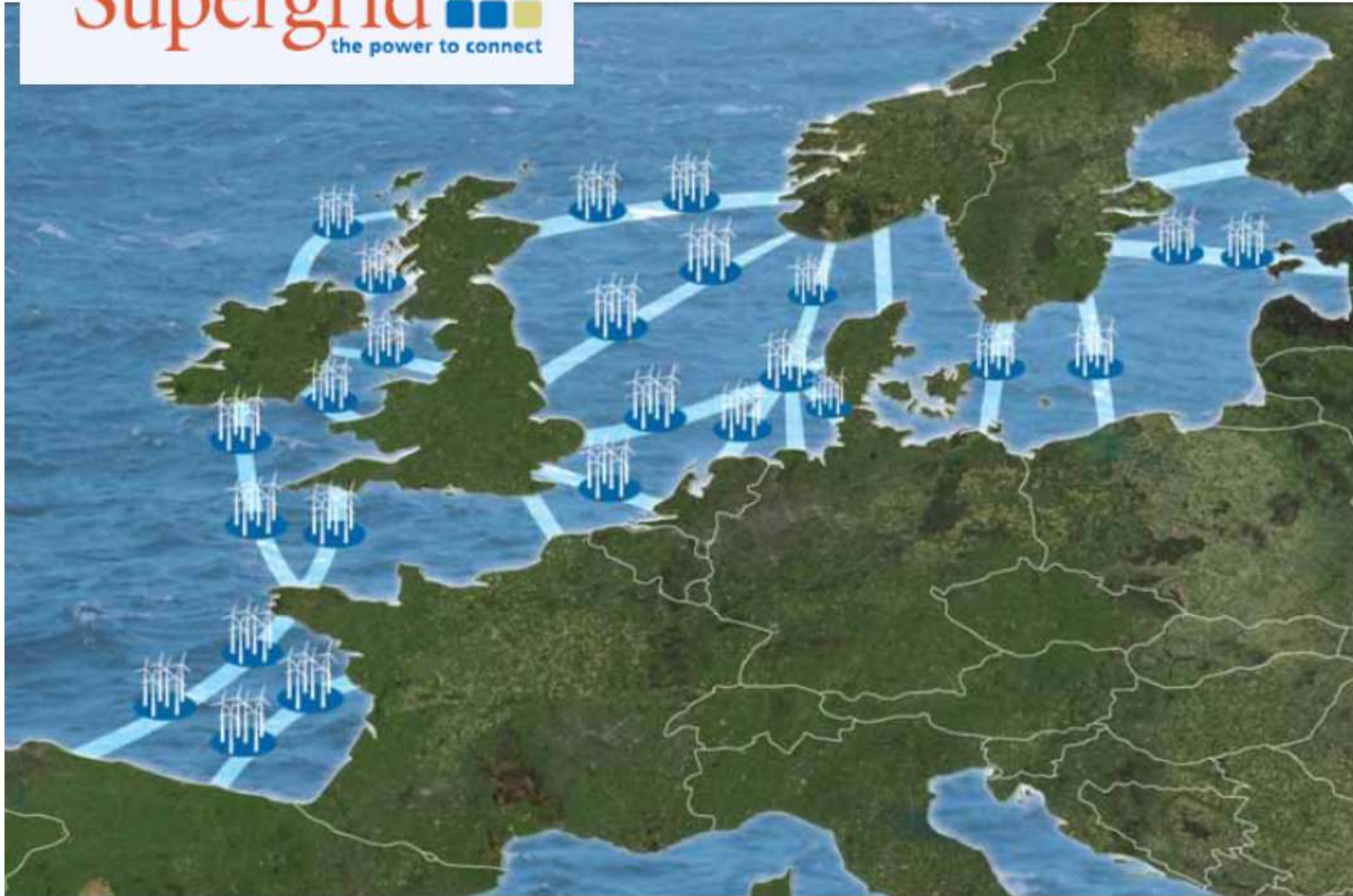




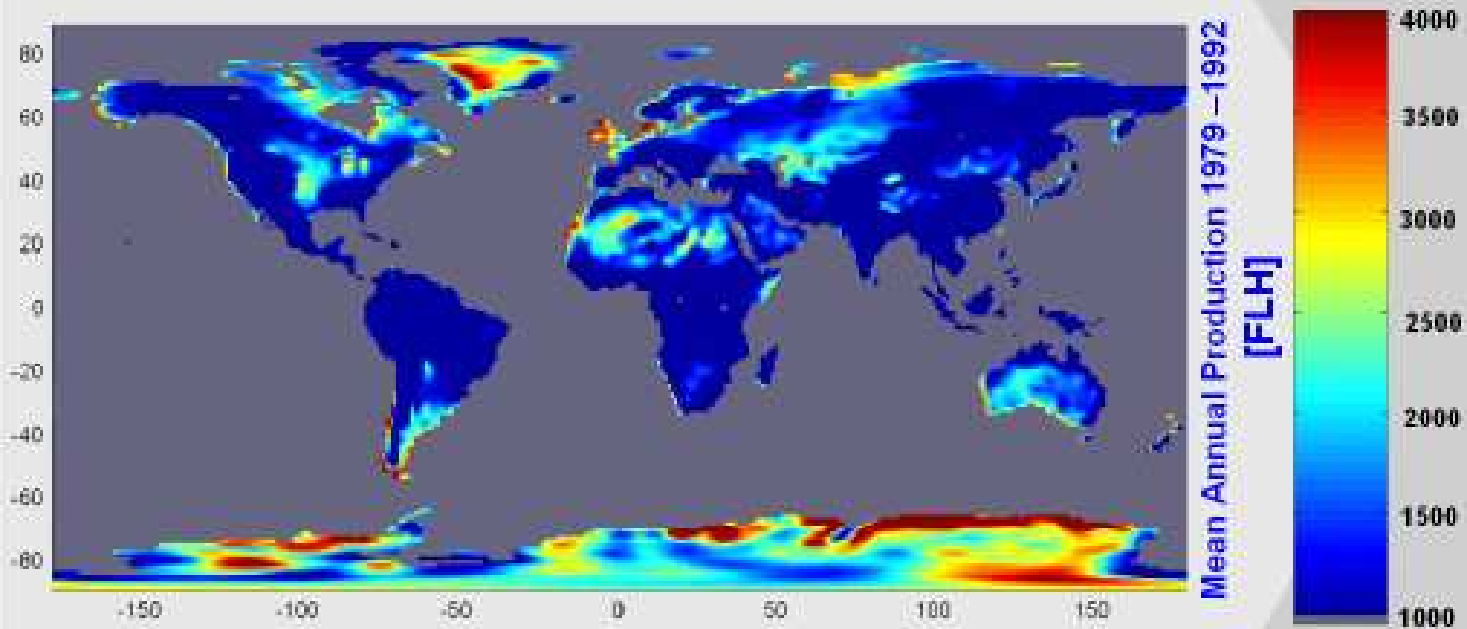




Supergrid  
the power to connect



## Mean Annual Production of 1.5 MW Variable Speed Wind Turbines (HH = 80 m) in Full Load Hours [FLH]

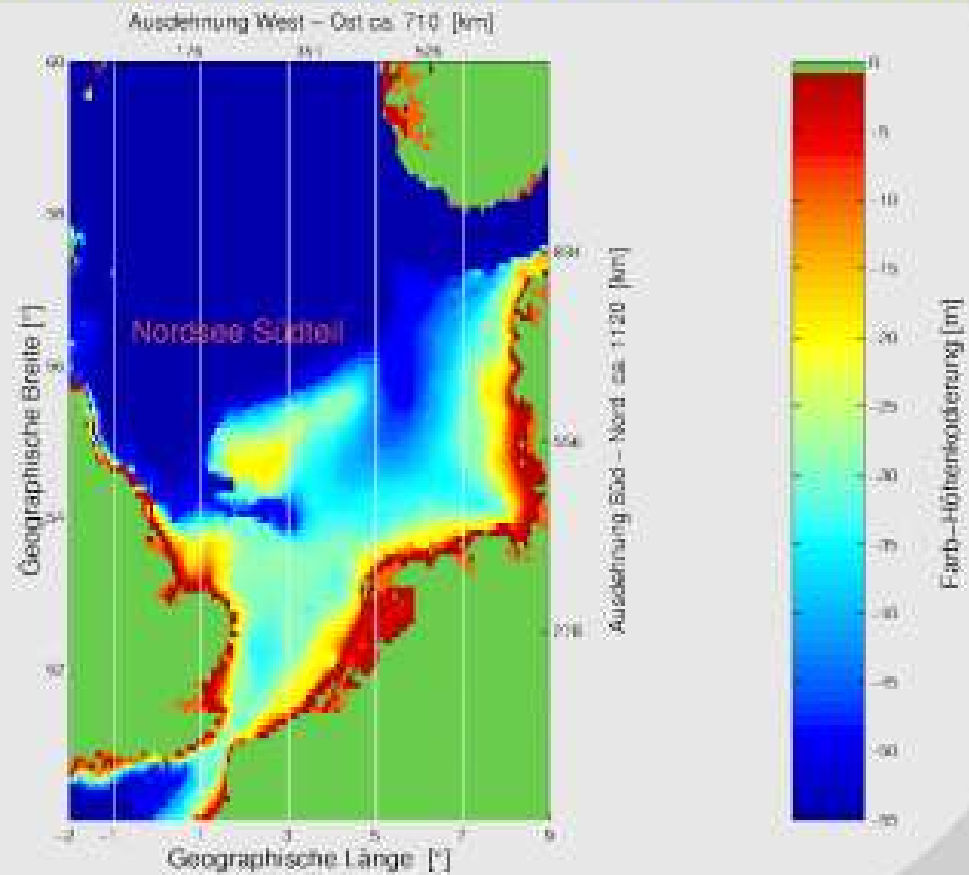


Meteorological data: ECMWF, ERA-15, 1979-1992.

G. Gaiseth, ISET, Vtrg. Mgdb, 2001



## Sea Depths in the Southern Part of the North Sea

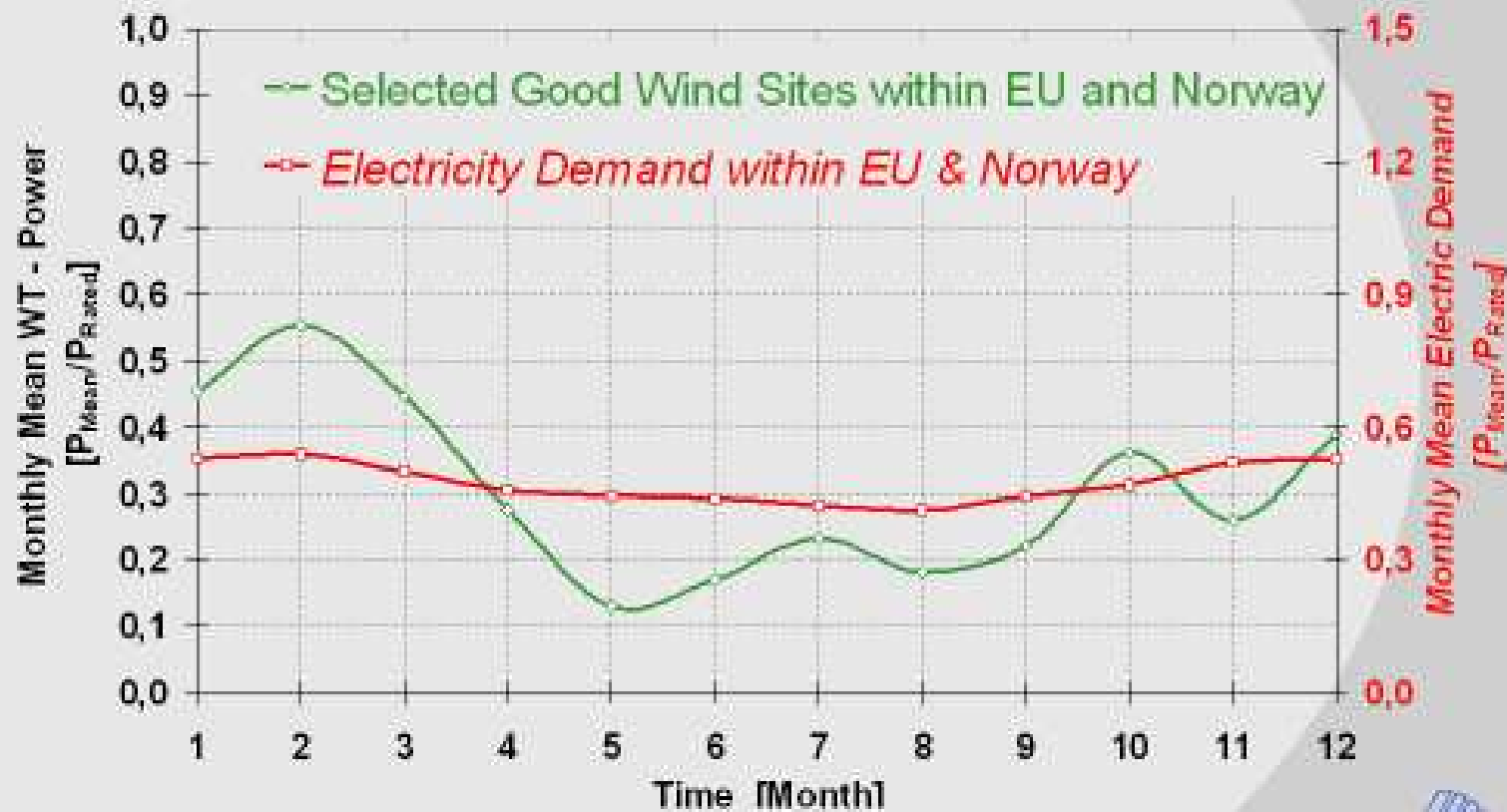


Bathymetric Data: US Dep. O. Commerce

G. Casch, ISET, Völg. Mgdb. 2001



## Monthly Mean Electricity Production of Wind Power within Selected Favourable Regions at Land Sites and Electricity Demand

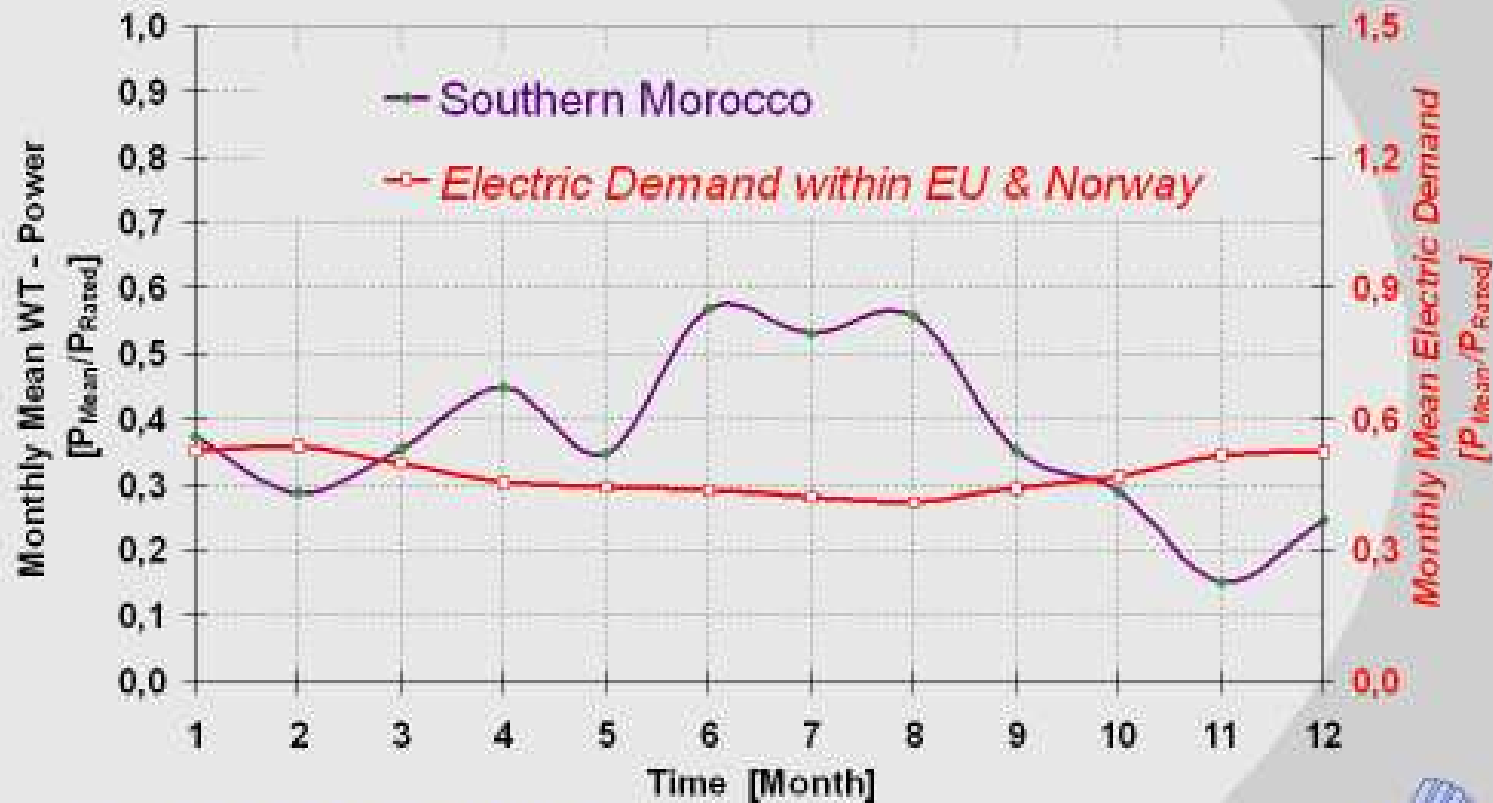


Meteorological data: ECMWF, ERA-15, 1990

G. Cziach, ISET, Vtrg, Mgdb, 2001



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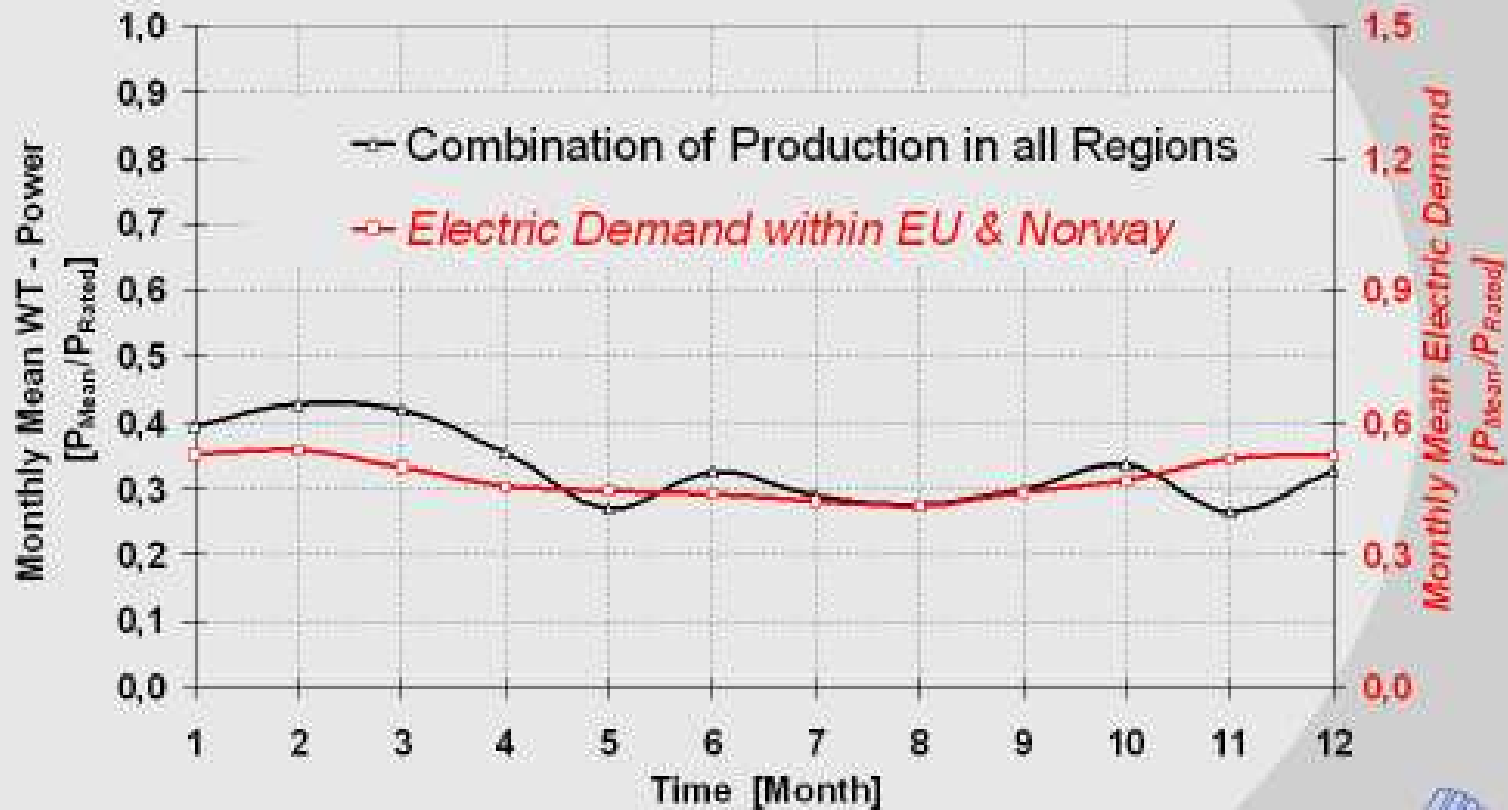


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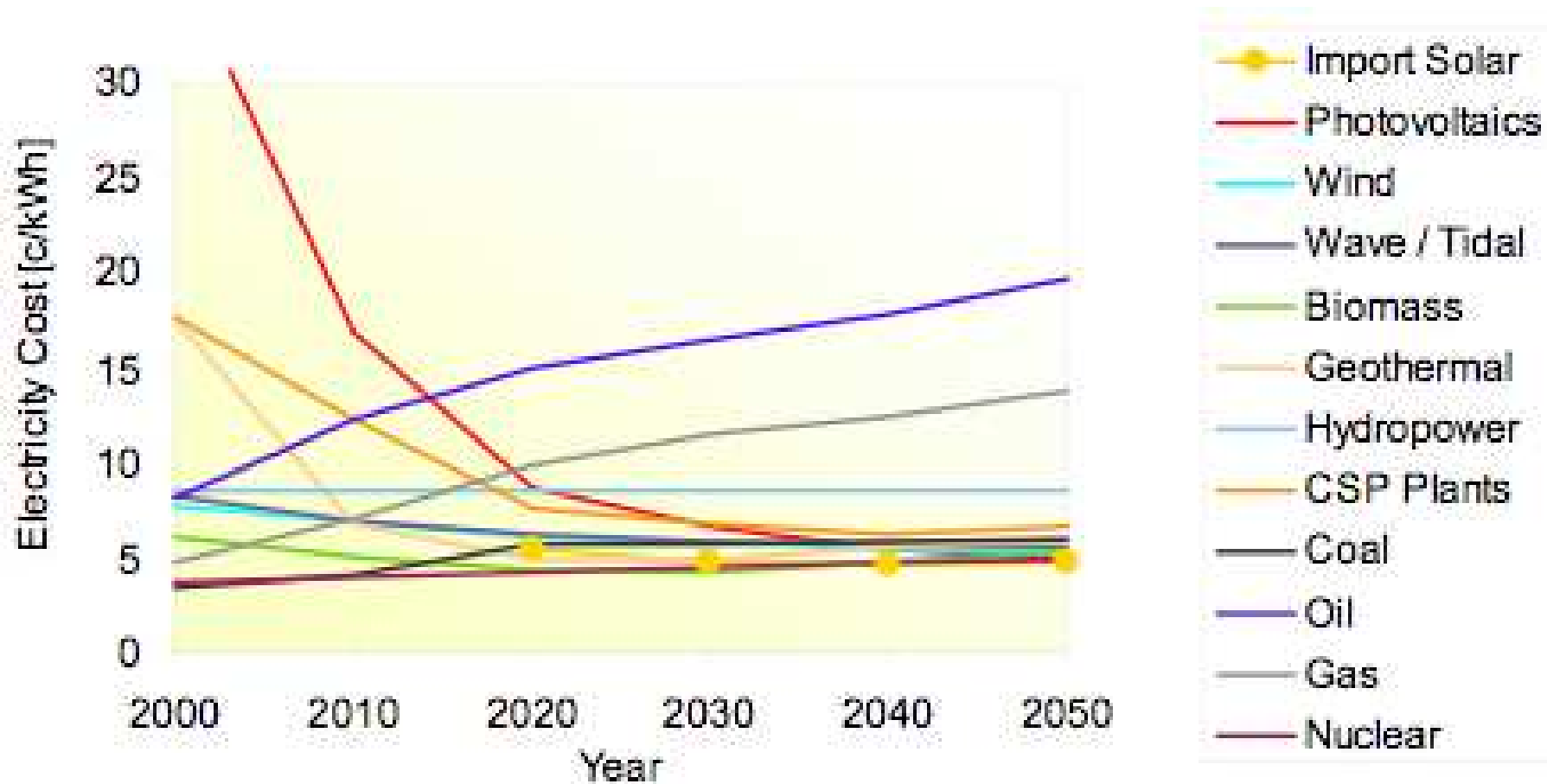


# Lac de Sainte Croix, France.









Electricity generation cost of new power plants. In the medium term, renewables are the least cost option for power. The curve 'Import Solar' starts in 2020.



# The Climate Parliament

- Plenary sessions
- Regional action networks
- Global White Paper

# Connecting parliaments







The moral equivalent of war

