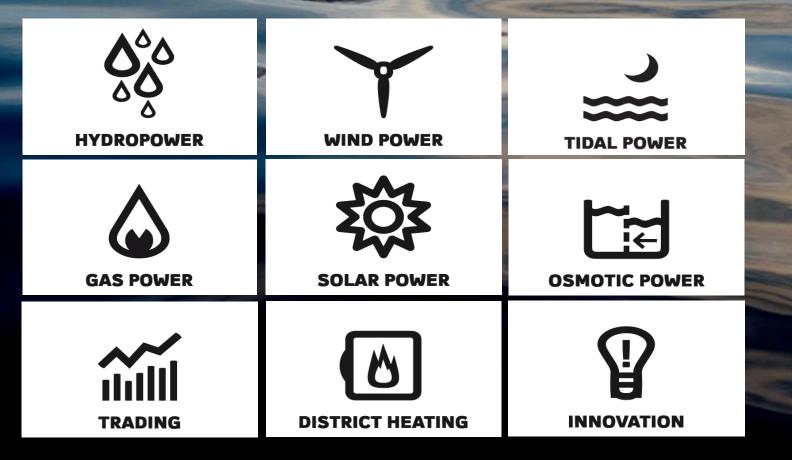
OSMOTIC POWER - CLEAN BASELOAD ENERGY WITH LOW ENVIRONMENTAL IMPACT

Gijon, 11 May 2010





STATKRAFT IN A UNIQUE POSITION



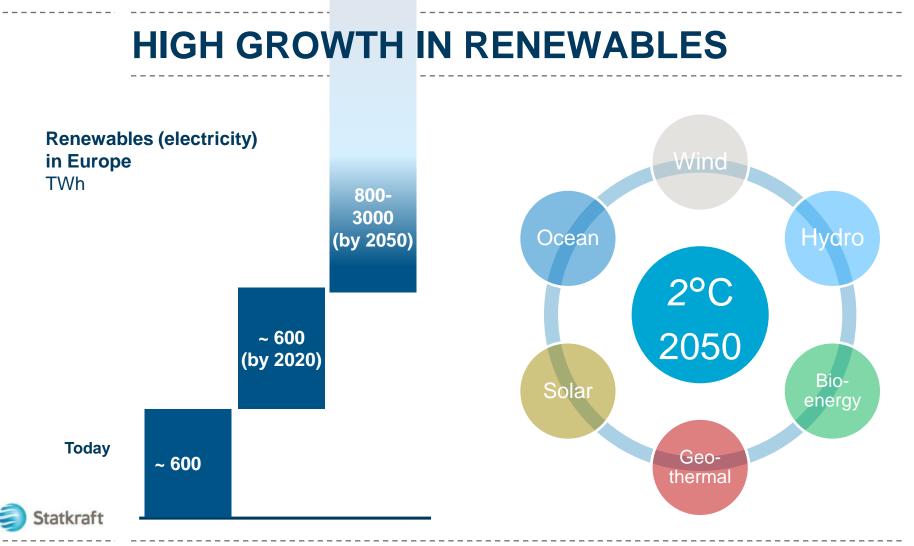


Osmotic power forms a natural part of the new renewable energy portfolio, providing clean baseload energy with low environmental impact,...

D...requiring cost reductions, a conducive policy framework and a critical mass of developers to succeed

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Source: Statkraft og EREC

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OSMOTIC POWER A NEW, RENEWABLE SOURCE OF ENERGY-

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WHY OSMOTIC POWER?

- -> Baseload
- -> Small ecological footprint
- --> Decentralised source of energy
- -> Proven technology

ABUNDANT RESOURCES

- -> Potential of 16 1700 TWh/year, of which 180 in
- -> Norway 12 TWh/year

Europe

-> France 35 TWh/year (theoretical)

- 23 TWh (Atlantic Ocean)
- 12 TWh (Mediterranean)

-> Ireland 6 TWh/year (theoretical)

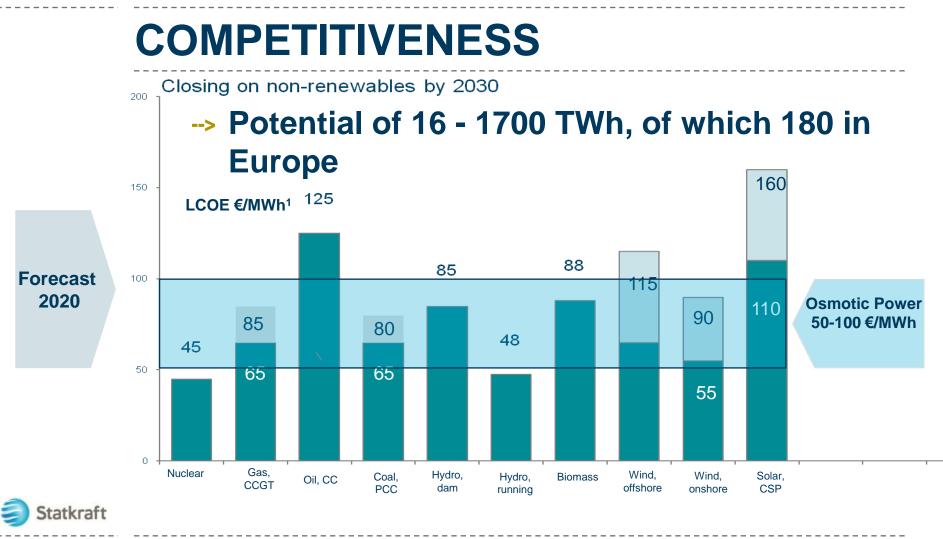
-> Spain: 5 TWh/year (theoretical excl. Mediterranean)

Notherland: 18 TWh/year (theoretical)



Osmotic power forms a natural part of the new renewable energy portfolio, providing clean baseload energy with low environmental impact,...

Image: Image: cost reductions, a conducive policy framework and a critical mass of developers to succeed



Levelized cost of Energy

2. Source: EU Second Strategic Energy Review (2008), Moderate fuel price scenario; BCG

POLICY FRAMEWORK

EUROPEAN LEVEL

Legislation and policy
R & D
European Industry
Initiative



- Include osmotic potential in national plans
- Sites and test ground
- Support schemes







