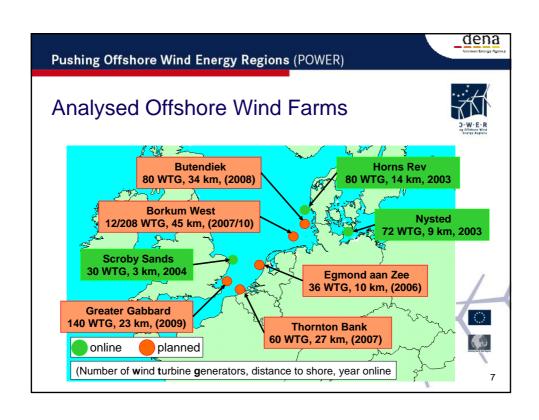
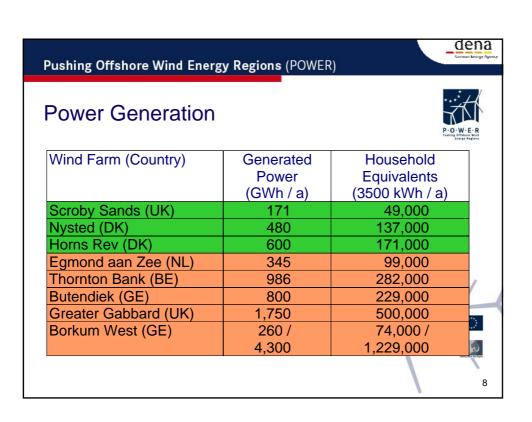


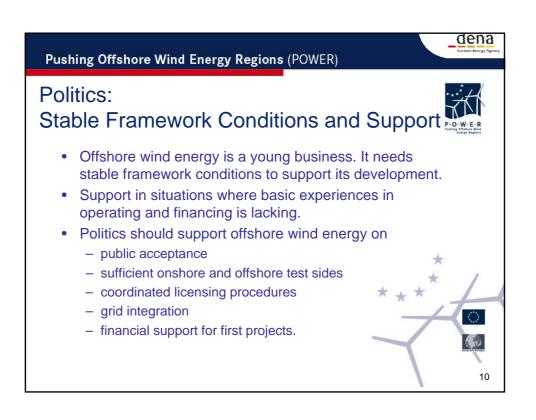
Pushing Offshore Wind Energy Regions (POWER) Client and Contractor Client: Senator for Construction, Environment and Transport of Bremen on behalf of INTERREG IIIB- Project "POWER – Pushing Offshore Wind Energy Regions". Contractors: German WindGuard GmbH, Varel German Energy Agency GmbH (dena), Berlin University of Groningen (Faculty of Spatial Sciences)

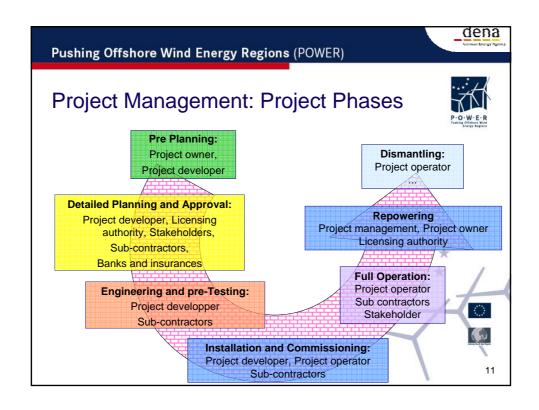


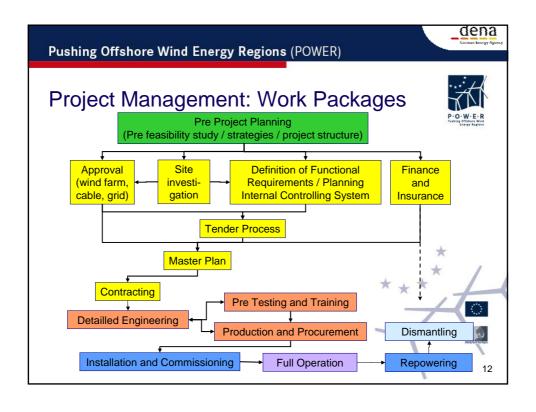




Pushing Offshore Wind Energy Regions (POWER) 2. Results • Politics • Project Management • Authorities







Pushing Offshore Wind Energy Regions (POWER)



Project Management: Public Acceptance



- Public might be afraid of the unknown new technology.
- Public is interested in information.
- Public acceptance is crucial for offshore wind farms.
- Strategies for media and stakeholder involvement should be developed in the pre-project planning phase.



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Pushing Offshore Wind Energy Regions (POWER)



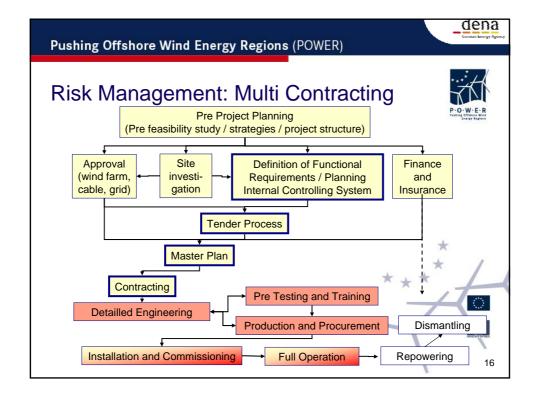
Project Management: Public Awareness

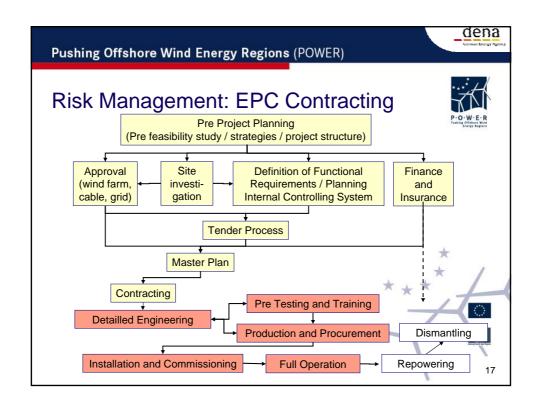


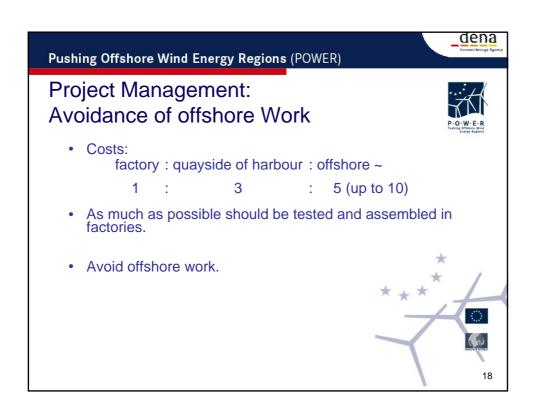
- Increase public awareness with:
 - Newsletter, press release, TV or Radio.
 - Project specific website
 (e.g. Greater Gabbard, Horns Rev, Nysted, Butendiek, Egmond aan Zee and Thornton Bank).
 - Information centre (e.g. Scroby Sands, HornsRev, Nysted, Thornton Bank).
 - 1
 - Brochures, touring exhibitions, public hearings, charity.

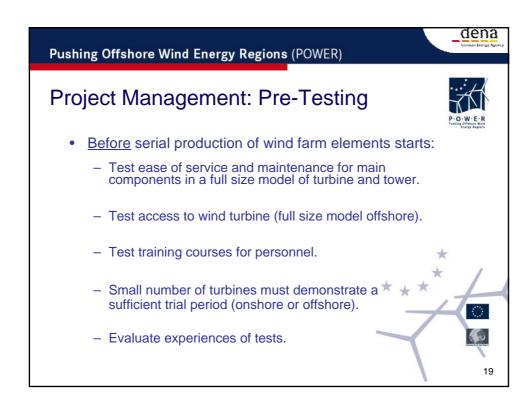
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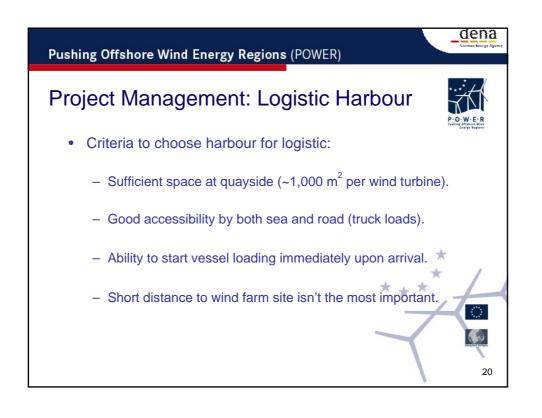
Pushing Offshore Wind Energy Regions (POWER) Project Management: Risk Management • Engineering, Procurement, Commissioning Contract: - EPC contractor covers all risks (including risks for installation and for bad weather). • Multi Contracting: - Client and contractors share risks. - Client must have sufficient engineering skills for tender process. - Client must be able to control and mange the complete process and interfaces. • Expert's estimation: MultiC ~ 20 % cheaper than EPCC















Pushing Offshore Wind Energy Regions (POWER) Authorities: Approval Procedure • Appointment of one single leading authority: - High value for both, the planning authorities and the project developer. - Approval process can be streamlined. - Discrepancies can be avoided. - Organisational effort can be reduced.









