Dredging in Denmark

• The Ministry of the Environment

• The ministry consists of a central part where the preparing of the laws for the politicians take place. Torben Wallach works there

• And 3 regional parts who gives permission to relocate dredged material and makes the monitoring of the relocationsites. We are 4 people working with that.
Commercial Ports in Denmark

- We have 125 commercial ports
- 110 million tonnes freight p.a.
- 48 million passengers p.a.
- World’s 5th largest fish exporting nation
Ports in east Denmark

115 Ports and small marinas

70 existing permits

33 sites for relocation
1: We want to reuse more dredged material

- New tools to connect "seller" and "buyer" of sediments.
- The development of a "stock" exchange for sediments.
- Transfrontier obstacles - the Basle Convention/EU’s shipment-regulation.
Obstacles of reuse in the Danish Perspective.

• Nature Agency permits dredging/dumping (Law of the Marine Environment)
• Municipality permits dredging/land filling
• Coast Directorate permits reuse along the coast and commercial dredging.
• Nature Agency (another branch) permits also reuse – Law of raw material.
2: We will evaluate the Contaminant Standards

- In order to the WFD and Natura 2000 sites
- How do we model the area that will be affected of relocation of contaminated sediments
- What disturbance can we tolerate in protected areas
3: Do we make the right monitoring

- We need to be better at finding the right measurements to know if there is an affect of relocation of dredged materials.

- Baseline studies is difficult to compare with

- And do we measure the right parameters?
Establishment of the fixed link across Øresund

In total, 7,5 million m³ seabed materials were dredged in Øresund, 5 millions m³ in Denmark. All dredged materials was reused for reclamation of the artificial peninsula at Kastrup and the Artificial island south of Saltholm, Pebberholm.

Cooperation between DK and SE - now cooperation between DK and GE in an even larger scale - the Femern Belt Tunnel maybe 18 mill m³