



## **Case stories- Harbours**

**Vuosaari Harbour**

**Execution of dredging works**

**TBT – dredging 2005 -2006**



# Quantities

- Dredging 770 000 m<sup>2</sup> / 400 000 m<sup>3</sup>
- Dumping into Niinilahti 400 000 m<sup>3</sup>
- 650 m long siltscreen, design, construction and operation
- Embankments for the Niinilahden dumping area, app. 80 000 m<sup>3</sup>
- Additional TBT – dredging 175 000 m<sup>2</sup> / 40 000 m<sup>3</sup>



## Main plant

- **Backhoe dredger Nordic Giant + environmental bucket**
- **Barges Jupiter and Uranus**
- **Dragline Manitowoc 4600**
- **Grab dredger Kahmari**