



ENVIRONMENTAL PORT STUDY TOUR

15 -26 FEBRUARY

DENMARK - NORWAY - FINLAND - SWEDEN

 **APM TERMINALS**


COPENHAGEN MALSØ PORT


MAERSK


THE PORT OF SCANDINAVIA


Port of Oslo


WALLENIUS WILHELMSEN
LOGISTICS

PORT OF TURKU
FINLAND


PORT OF
HELSINKI


PORTS OF STOCKHOLM



APM TERMINALS

**INFORMATION
SECURITY**



**MAERSK
SEALAND**

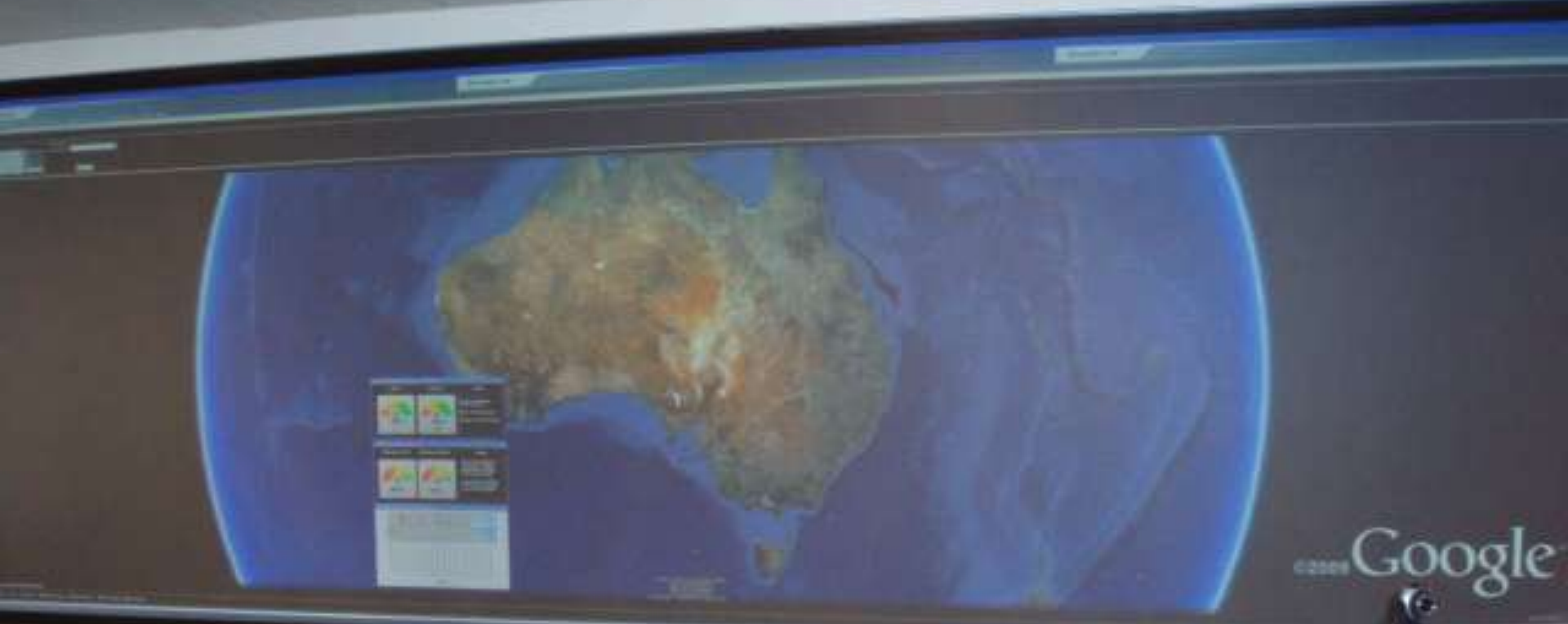












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CROWN OF SCANDINAVIA



UNIVERSITY OF
SOUTH ALABAMA

Noise Pollution

A photograph of a large industrial facility, possibly a power plant or refinery, with tall chimneys and complex piping, situated near a body of water. The image is presented on a slide with a light blue background. The slide also features the University of South Alabama logo and name in the top left corner.





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WALLENIUS WILHELMSSEN









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RAENSO



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HANNEN
PORT SECURITY

www.portgot.se







GREENPORT 2010 - ENVIRONMENTAL
PORT STUDY TOUR

Visit in Turku
22.2.2010

WELCOME

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La
MARINOM

NEUMAN JENSEN

P





PORT
GATE
HELSINKI

Helsinki harbour operations move to Vuosaari Harbour

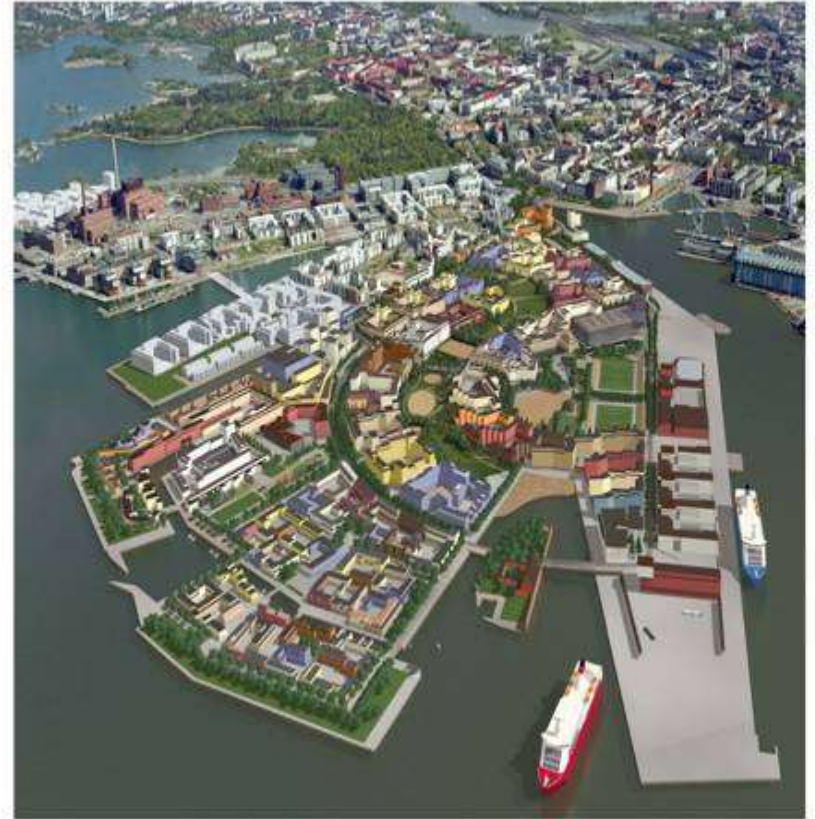


Starting situation in 2002



West Harbour

Future



North Harbour

Future



Keski-Pasila

Future



The new harbour road and the new harbour railway pass through the Natura 2000 area in tunnels



The Natura site of Mustavuori grove and Östersundom bird wetlands.

The noise abatement structures on the northeastern side
The noise buffering hill (here under construction)



The noise barrier wall



The harbour by night (actual







Top 10 Environmental priorities of the European port sector

1996

- 1 Port development (water)
- 2 Water quality
- 3 Dredging: disposal
- 4 Dredging: operations
- 5 Dust
- 6 Port development (land)
- 7 Contaminated land
- 8 Habitat loss/degradation
- 9 Traffic volume
- 10 Industrial effluent

2004

- 1 Garbage/Port waste
- 2 Dredging: operations
- 3 Dredging: disposal
- 4 Dust
- 5 Noise
- 6 Air quality
- 7 Hazardous cargo
- 8 Bunkering
- 9 Port development (land)
- 10 Ship discharge (bilge)

2009

- 1 **Noise**
- 2 **Air quality**
- 3 Garbage/Port waste
- 4 Dredging: operations
- 5 Dredging: disposal
- 6 Relationship with local community
- 7 Energy consumption
- 8 Dust
- 9 Port development (water)
- 10 Port development (land)



- **Green Supply Chain Management developments**
- As the drive to decarbonise intensifies, business wants to understand ‘how green’ its logistics suppliers are; and work to manage the impact of their overall supply chain.
- In Sweden a group of 23 major businesses are supporting the Clean Shipping Index (www.cleanshipping.org).

GREEN CORRIDORS



- **Green Corridors: Update and Progress in Sweden and Europe**
- An important enabler of more sustainable logistics chains is the availability of appropriate infrastructure. Swedish International Freight Association provides an overview of the EU Green Corridors initiative. Supported by the SuperGreen consortium (<http://www.supergreenproject.eu/>)
- The vision is to develop geographic transport corridors that can be tested, measured and evaluated.

- Green Lanes and Smart CM (Smart Container Chain Management (www.smart-cm.eu)) projects. The “global logistics industry and customs organisations are working to forge a strong commitment for inter-modal door to door container transport.”

Future GreenPort events

- GreenPort Logistics 2011 - Venice
February 24-25
- GreenPort 2011 Conference - Hamburg
14-15 September
- GreenPort Study Tours

www.green-port.net