



**Organization for Security and Co-operation in Europe
Secretariat**

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ENGLISH only

Conference Services

Please find attached the presentation by Mr. Erkki Kotiranta, Vice President, Shipping, Neste Oil delivered at the Plenary Session 7 – The need for co-operation between different actors (Government agencies, private sector, International financial institutions, NGOs etc.), First Preparatory Conference to the 16th OSCE Economic and Environmental Forum “Maritime and inland waterways co-operation in the OSCE area: Increasing Security and protecting the environment” held in Helsinki, 10 - 11 September 2007.

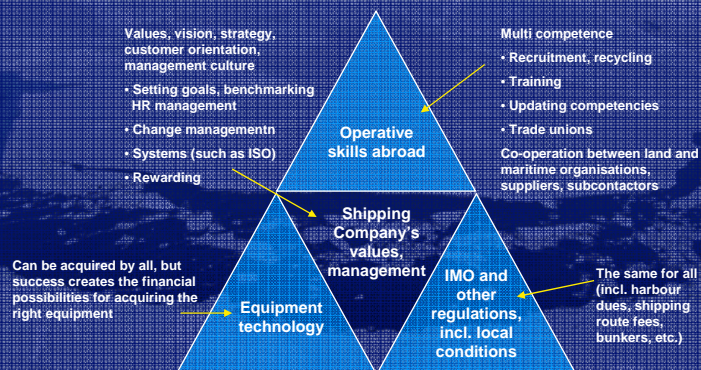


Technical know-how has led to many innovations over the decades

1957 Epoxy coated cargo tanks	1991 145,000 dwt double hull crude tanker
1963 Inert gas system	1992 Double hull/bottom in whole fleet
1963 Bow thruster	1993 Bow loading tanker
1963 Bridge with 360 degree visibility	1993 Black box
1963 Controllable pitch propeller	1994 Azimuth propulsion in product tankers
1968 Unmanned engine room	1996 Bottom loading tanker
1968 Segregated ballast tanks	1996 ISM safety management system
1974 Deepwell pumps	1996 ISO 9002 certificate
1974 Double hull 1A S product tanker	1997 ISO 14001 certificate as the first tanker operator in the world
1974 Closed cargo handling	2002 Escort Tugs with 1A ice class
1974 1A Super Gas tanker	2002 Double Action Tankers
1976 Ice-breaking tankers	2002 Highly redundant propulsion systems
1981 Tug boat with azimuth thrusters	2002 Integrated standard bridge
1984 Ballast piping of GRP material	2002 Extended double hull
1986 Cargo piping of GRP material	2002 Hull monitoring
	2004 Satellite Ice Navigating



Shipping competitiveness that saves environment

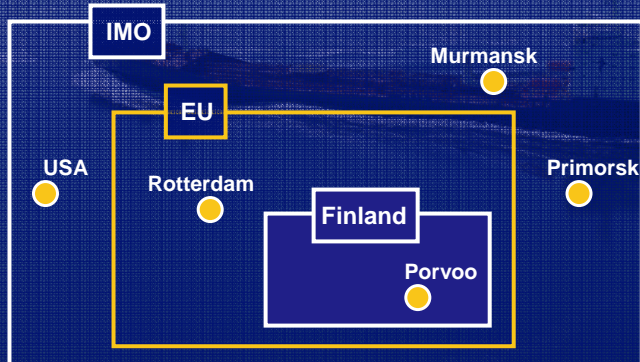


Competitiveness of the flag



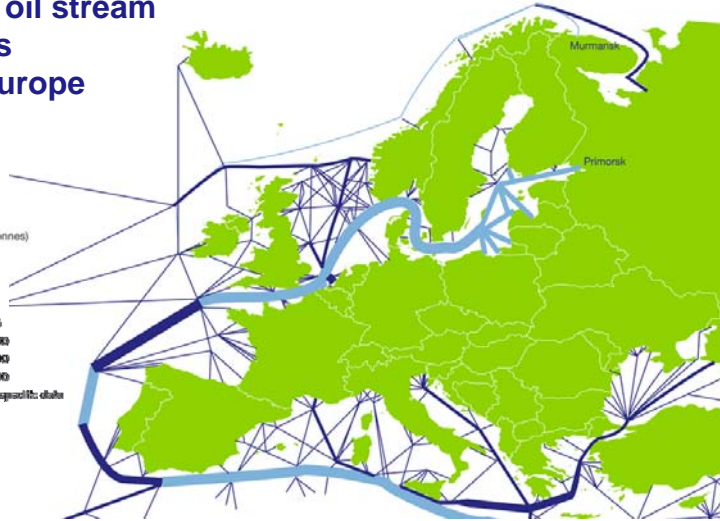
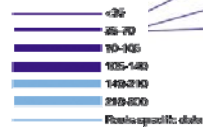
"Freedom of the Seas"

IMO's view decides in most cases
(coastline inhabitants are not a party)



Russian oil stream is always facing Europe

Tanker traffic
Oil transported (million tonnes)



Baltic Sea is Particularly Sensitive Sea Area (IMO) and also a Semi-Arctic area

Mild winter

Normal winter

Harsh winter



- Ice
- Open water

• Neste Oil Shipping operational area (round-the-year): North Sea and Baltic Sea

• The PSSA classification means that authorities can impose restrictions on ship traffic or make the use of escort tugs obligatory (excluding Russian territorial waters).

● Thank You!

