

PARTNER FOR SST.2008.1.1.9 Green corridors

Kotka Maritime Research centre is interested to take part in the FP7 Green corridor research project as an important and far-reaching case study. This case gives data, research methods and best practices to be applied in other areas of Europe facing growing traffic with environmental and safety risks.

Kotka is located in the South-East Finland near Russian border on the shore of environmentally very sensitive Gulf of Finland. During last 15 years logistics has grown as one of the most important areas of business, largely due to Russian traffic. The traffic flows both directly by sea via Gulf of Finland and on land via Finnish ports. This phenomenon has positive impacts on economy and employment; but on the other hand negative impacts risk and pollution are considerable.

Due to this complex situation, Kotka Maritime research centre has unique competences to manage this multidisciplinary research environment: logistics (including studies of Russian transit traffic), risk analysis of maritime transport and effects to the nature, safety and environmental matters in particularly Baltic Sea, Gulf of Finland and Border to Russia. More information of Kotka Maritime Research Centre and previous studies can be found in www.merikotka.fi.

Kotka Maritime Reserach centre consists of the following units headed by professors:

- University of Turku, Centre for Maritime Studies, professor Ulla Tapaninen, logistic systems of maritime transport
- University of Helsinki, Department of Biological and Environmental Sciences, professor Sakari Kuikka: environmental effects of oil and chemical pollution and nitrification
- Helsinki University of Technology, Department of ship construction, professor Pentti Kujala: Maritime safety and winter navigation
- Kymenlaakso University of Applied Sciences, research director Jorma Rytönen, port logistics

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