



**M E R I**  
K O T K A

**RESEARCH FOR SUSTAINABLE  
MARITIME TRANSPORT**



## NEW EXPERTISE AND INNOVATIVE SOLUTIONS

Research Centre Merikotka carries out advanced research on maritime transport, maritime safety and the marine environment. Such research is needed as the field of maritime transport is an active one and security risks in the entire Baltic Sea area are high. Work towards improving maritime safety and preventing accidents is essential.

Approximately 80 per cent of Finnish foreign trade is conducted by sea. In terms of export shipments and transshipment, Southeast Finland is logistically one of the most important regions in the country. The ports in the area have become a significant hub for many logistics companies.

## INTERDISCIPLINARY APPROACH IS A MAJOR STRENGTH

Merikotka combines expertise from different scientific fields. The Research Centre employs a total of over 30 persons from four different universities and higher education institutions. The interdisciplinary collaboration is maintained by Kotka Maritime Research Association.

Research on marine traffic safety is focused on issues involving the technical and operational safety of vessels, risk management, and safety management.

Research on logistics is focused on traffic flows at sea, port operations, and transshipment, as well as the information systems, safety, and environmental effects of delivery chains.

Merikotka studies the impacts of environmental regulations and explores the effects that maritime transport and harmful substances have on fishing, endangered species, and recreational use.

RESEARCH THEMES

MARITIME SAFETY

MARITIME TRANSPORT

ENVIRONMENTAL EFFECTS



## PRODUCTIVE EFFORTS

**Merikotka brings together operators engaged in maritime transport and adds to the expertise in the field. Merikotka has an extensive global network of collaborative partnerships. In addition to universities and research centres, we cooperate with key players in the field of maritime transport and the marine environment.**

**Merikotka is committed to improving the interaction between science and society in order to utilise the research results in the best way possible.**

