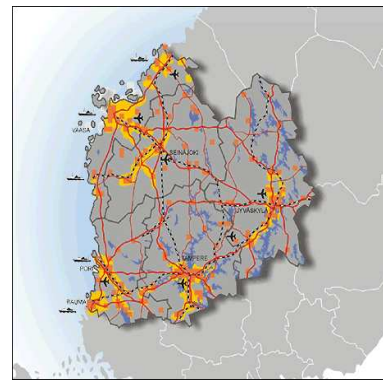




WEST FINLAND ALLIANCE

On-line Estimation of Ship Emissions

West Finland Alliance



Centres of Technology and Expertise

There are seven technology centres responsible for the national centre of expertise programmes in the WFA regions, including energy technology and maritime which are detailed here.

The Energy Technology cluster programme focuses on industry manufacturing machinery and equipment required for the production, utilisation and distribution of energy and also on companies producing services in the field. Their network includes Finland's most significant energy technology enterprises and research and education institutes.

The objective of the Maritime Cluster is to develop peak knowledge in the shipbuilding and naval industry to maintain and further develop the leading position in technology and cost-competitiveness.

By means of participating in the Maritime Cluster, the West Finland's Centres of Expertise want to give the companies in the region that belong to the cluster a leading position in the following fields: manufacturing technology, environmental technology, reliability, economics and automation.

For more information see www.merinoval.fi and www.prizz.fi

Population: **1.3 million**

Area: **65,000 km²**

The Regional Councils of Central Finland, Ostrobothnia, Satakunta, South Ostrobothnia and the Council of Tampere Region form a strategic coalition called the West Finland Alliance (WFA). The area of the WFA consists of five regions, 25 sub-regions and 133 municipalities.

The area has developed a versatile industry and an extensive network of small and medium sized businesses. The total number of businesses is 62,000, employing 525,000 people. The five regions are the home base for a number of leading global metal and mechanical engineering enterprises such as mining machines, marine diesel engines, forest machines and paper machines.

The wood processing industry produces mechanical wood industry products, pulp, newsprint, fine paper grades and board. Automation and ICT businesses invest in research and product development, in the manufacture, programming and production automation of mobile communication products, and in digital content products. In electrical engineering, leading edge electrical control, electricity production and distribution systems are developed and produced for the global market.

The availability of versatile competence and expertise in various fields is the result of globally operating businesses and their subcontractor networks, in addition to co-operation between universities, polytechnic institutions and centres of excellence and technology.

The five universities and seven university units in the WFA region have a total of 50,000 students. Moreover, the region hosts seven polytechnic institutions and two polytechnic units that enroll a further 50,000 students each year.



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