

Arctic Seas

Seeks companies and research organisations for renewal and networking

The Arctic Seas are a part of the Tekes strategy - Natural Resources and Sustainable Economy

- Tekes brings renewal to Finland and its global competitiveness
- Sustainable use of natural resources to be a strong area of growth
- Sustainable operating methods and new business models bring advantage
- Growth from products and services of high added value



Arctic Seas Programme

- Duration: 2014-2017
- Budget:
 - Total: € 100M
 - Tekes funding € 45M + companies € 55M
 - Tekes funding for research institutes c. € 12M



Arctic Seas –Programme Goals

- The aim is new business activities worth billions of euros
- Expand emerging products and services into global business
- Turn our arctic skills into an internationally attractive concentration of arctic know-how
- Create new arctic business activities
- Network Finnish actors into internationally significant investment projects



Arctic Seas Programme Focus

The market that serves the needs of the utilisation of natural resources of Arctic seas and logistics

Reduction of emissions

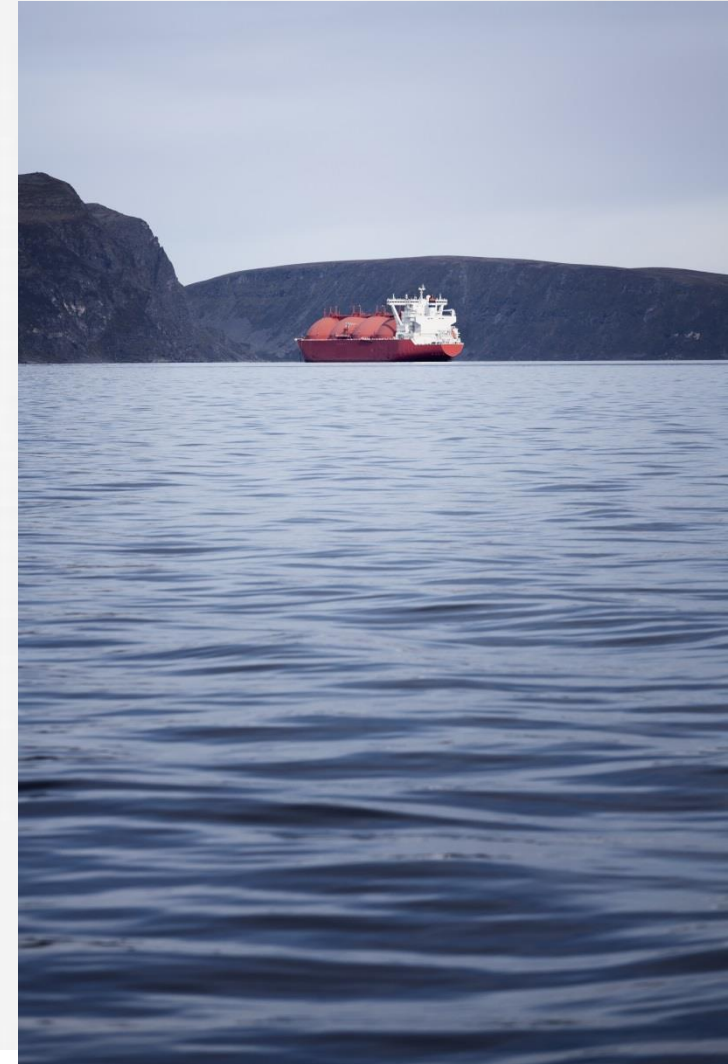
- e.g. cleantech and low emission fuels

Arctic information and data analytics

- e.g. monitoring, testing, risk management

Labour productivity and optimisation

- e.g. automatisisation and efficient working equipment



Examples of development targets

Maritime transport, other infrastructure



- Vessels that navigate in ice
- Life cycle business
- Energy efficiency
- Icebreaking business

Offshore industry



- Solutions to demanding conditions
- Lightness and recyclability
- Energy economy
- Renewable energy
- Use and maintenance

Environmental technology



Picture: Lamor

- Measuring and monitoring
- Management of environmental risks
- Motor technology
- Management of emissions
- Consultation

Maritime industry



- Planning, modelling and simulation
- Project consultation
- System, machine, and device manufacture
- Software
- Logistics solutions

Arctic Seas programme activities in 2014

- Funding: for 15 development projects (so far)
- Call for scientific research:
 - Topic: "Ecoefficiency and Safety for Arctic Seas"
 - Budget 6m€
- Activation: Satellite data in maritime industry
- Call for companies: LNG business opportunities
- Nordic cooperation: Emission reduction in marine applications



More information

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