KVARKENRÅDET
MERENKURKUN
NEUVOSTO

KVARKEN COUNCIL EGTC

For a vivid region

Mathias Lindström, director
Kvarken Council EGTC

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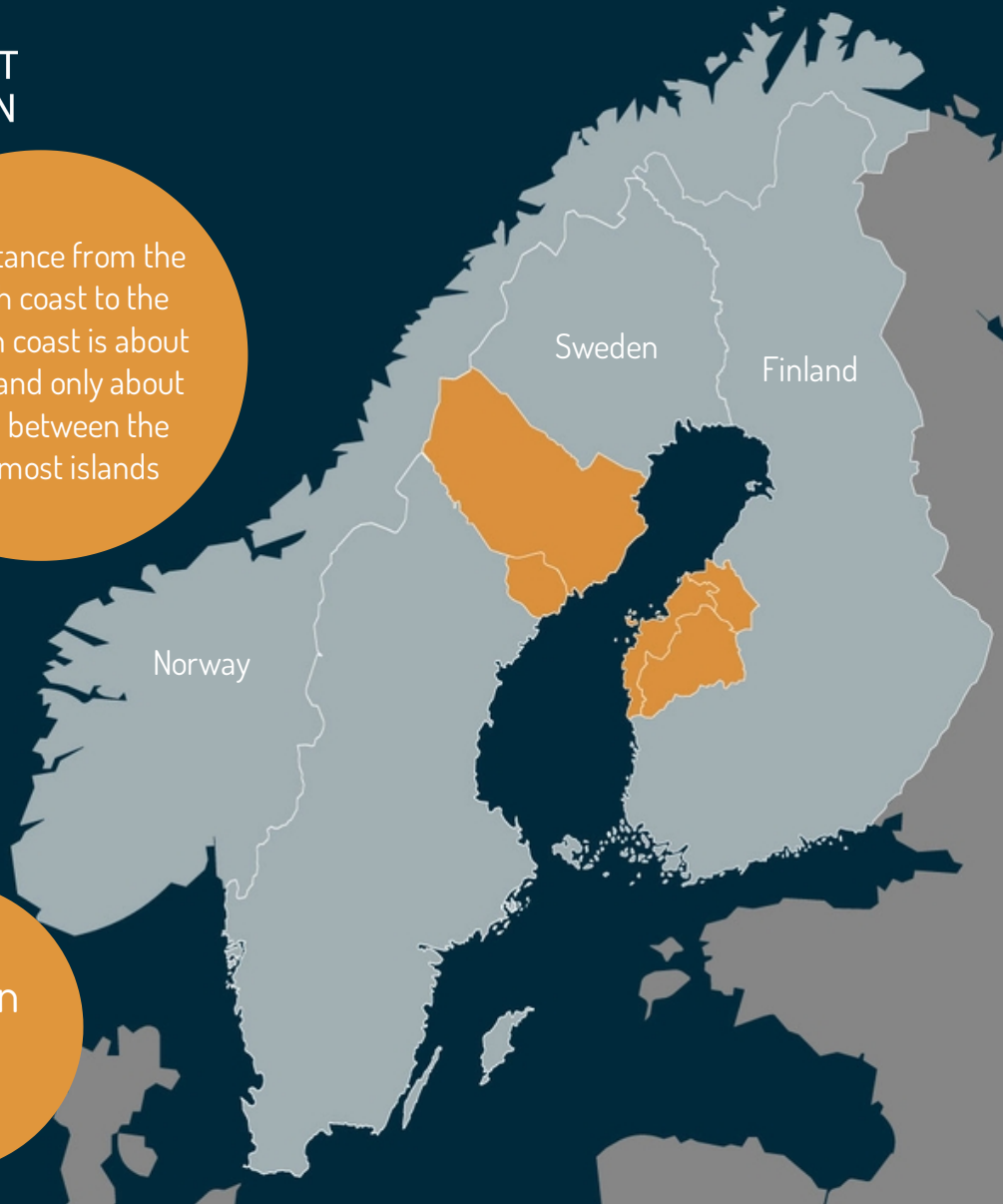
The distance from the Finnish coast to the Swedish coast is about 80 km and only about 25 km between the outermost islands

The narrowest part of the Gulf of Bothnia is called the *Kvarken Strait*

Common history



Kvarken Council founded in 1972

The operating area of the Kvarken Council is called ***THE KVARKEN REGION***

The Kvarken Region consists of the **three Regional Councils of Ostrobothnia in Finland** as well as the **Regional Council of Västerbotten** and the Municipality of **Örnsköldsvik in Sweden**

Nordic Co-operation

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The Kvarken Council develops the region by:

- providing a platform for cooperation for all the region's actors
- reducing and eliminating border barriers
- increasing the region's visibility at national and European levels
- working actively in several European networks
- utilizing the region's strengths and supporting its development.

Mainly within the following areas:
business, education, tourism, research and development, health care, culture, environmental issues, sports, children and young people as well as communications and transport infrastructure

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FAIR PROMOTES ELECTRIC AVIATION

– Finding innovations to accelerate implementation of electric regional aviation

FAIR is to be seen as a first step of preparing the Kvarken region for an early implementation of electric aviation.

The project increases the knowledge base about electric aviation, investigates the possibilities and surveys both the needs and the required technical investments.

EUROPEAN UNION

Interreg
Botnia-Atlantica
European Regional Development Fund

Photo: Heart Aerospace

WHAT ARE WE DOING IN FAIR?

WP1: REGIONAL EFFECTS OF ELECTRIC AVIATION

UMEÅ UNIVERSITY

University of Vaasa

NORD universitet

WP2: GUIDELINES FOR IMPLEMENTATION

BioFuel Region™

MidtSkandia

WP3: CROSS-BORDER INNOVATION PROCESS

RI. SE

FAIR PROMOTES ELECTRIC AVIATION

WHAT IS ELECTRIC AVIATION?

- Aircrafts with electric engines instead of jet engines
- Either battery electric or fuel cell (hydrogen)
- Traditional airplanes or vertical take-off and landing aircraft

FAIR PROMOTES ELECTRIC AVIATION

REGIONAL ELECTRIC AVIATION

- Electric passenger airplanes will be reality within five years
- First generation electric aircrafts are designed for regional aviation
- Today’s battery technology not enough for long-haul flights, hydrogen and sustainable aviation fuels (SAF) will be necessary

FAIR PROMOTES ELECTRIC AVIATION

WHY ELECTRIC AVIATION IN THE KVARKEN REGION?

- Increased accessibility
- Less environmental impact
- Lower costs

INCREASED ACCESSIBILITY

- Aviation can bridge long distances and connect the region
- Increased accesibility to leisure activities, tourist destinations, work opportunities, education and public services

PARTNERSHIP

FINANCIERS

Interreg Botnia Atlantica | Region Västerbotten | Regional Council of Ostrobothnia | Kvarken Council (Lead part) | BioFuel Region BFR AB City of Vaasa | FAB Kronoby Flyghangar | Into Seinäjoki Oy | Lycksele Flygplats AB | MidtSkandia | Ostrobothnia Chamber of Commerce RISE Research Institutes of Sweden | Skellefteå City Airport AB | Skellefteå Kraft AB | South Ostrobothnia Chamber of Commerce Storumans Kommunföretag AB | Swedavia Umeå Airport | Umeå Municipality | Umeå University | University of Vaasa | Vaasan Sähkö Oy Vaasa Region Development Company, VASEK | Västerbotten Chamber of Commerce | Örnsköldsvik Airport AB | Nord University | Nordland County Municipality | Brønnøy Municipality | Alstahaug Municipality | Helgeland Regional Council | Indre Helgeland Regional Council | Rana Utvikling

SUPPORTING PARTNERS

Air Traffic Network | BSR Access | ELISE | Finavia | Funktionshinderrådet Umeå | Future Cleantech Solutions | Green Flyway | Grön Flygplats | Heart Aerospace | Helsinki Electric Aviation Association ry | Jonair | Luftfartsverket | NEA – Nordic Network for Electric Aviation | Umeå kommunföretag AB | Umeå Institute of Design | The Swedish 2030-secretariat | Transportföretagen

Thank you! flyfairkvarken.com

FAIR PROMOTES ELECTRIC AVIATION

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