



SMART MOBILITY FINLAND NEWSLETTER 2 / 2020

PROGRAM FOCUS AREAS

ECOSYSTEMS

The Smart Mobility Finland program together with companies and research institutes have continued to build the ecosystems. An ecosystem refers to the activities by companies, research institutes, municipalities and cities that generate innovations and new business. VTT and Business Finland have conducted a nationwide mapping of national transport and logistics ecosystems. The work was completed at the end of May. Finland aims to increase cooperation between the organizations and companies that support the growth of the ecosystems.

Ecosystems are operating or under preparation in the following areas: drones, air transport, low-emission maritime transport, autonomous maritime transport, smart ports, autonomous driving, vehicles, connectivity, electric transport, battery industry, passenger transport, freight and logistics hubs, multimodal logistics, mobility services, transport systems, urban and rural transport and the application of artificial intelligence (AI) in transport and logistics.

On 9 September 2020, the program organised a webinar themed Smart Port: ecosystems and funding, which focused on to what it means to operate in an ecosystem and explained the funding options ranging from national financing to EU funding. An international Smart Port webinar and the launch of the Finnish know-how will take place in early 2021.

As part of the international cooperation and dialogue between the ecosystems, Michigan Smart Ships Coalition and Finland's One Sea ecosystems organised a webinar on autonomous maritime transport on 21 October 2020. Both ecosystems are aiming for international cooperation, and they both want international companies to join in. Michigan is home to the Smart Ships Coalition, a marine autonomy test site.

The meetings between Finnish and international transport and mobility ecosystems and in the Smart Mobility program's target sectors will be continued in 2021.

FORTHCOMING EVENTS

University of Michigan, Aalto University and VTT are organising a lecture series on 9 October – 13 November 2020 for experts, researchers and industry leaders, with ten open lectures on new innovations in the maritime industry, including autonomy and electrification.

<https://www.businessfinland.fi/en/campaign-sites/us-lecture-series>

The Health at Sea III webinar will be held on 10 November 2020. In this international webinar, we will discuss the innovations and measures taken by the industry to ensure the health and safety of passengers, crew and ports. Finland brings health technology solutions to the maritime industry.

<https://www.businessfinland.fi/ajankohtaista/tapahtumat/2020/health-at-sea-is-the-maritime-industry-ready-to-resume-safe-operations/>

Mobility Days, Vienna, Austria, on 19-20 November 2020. Due to COVID, the events have moved online, including matchmaking events organised by the Enterprise Europe Network (EEN). Austria's EEN is organising a virtual Mobility Days event that includes a conference and the opportunity for online b2b meetings. Participation is free. Registration for the event is open until 13 November at <https://mobilityday2020.b2match.io/>

TU Automotive will be held virtually on 23-26 November 2020. The event includes Finnish companies in their virtual stands.

<https://automotive.knect365.com/tu-auto-europe>

The MASS (Marine Autonomous Surface Ships) virtual showroom, an introduction to companies in the sector, and a virtual workshop will be held in Finland on 1 December 2020. This is a side event of the EU meeting "MASS framework for Regulation and AI Ethics virtual workshop and virtual showroom of MASS solutions, projects and trial results".

On 9 December 2020, there will be a virtual workshop on the theme Finland – USA Smart Forestry & Bioeconomy, as well as the launch of national Bioeconomy working groups in cooperation with the states of Maine and Michigan. The event page is coming soon.

Frost & Sullivan is currently conducting its Connected & Autonomous vehicle & Mobility market Insights review. The review covers trends and market opportunities in the main market areas. On completion, the work will be presented to companies and research institutes.

How to de-carbonize Nordic Maritime Transport? The joint Nordic call for submissions organised by the Nordic Energy Research ended on 28 October 2020. Finnish companies have participated in the call.

Business Finland has launched five measures to support customer acquisition in the Finnish manufacturing industry. The aim is to help secure the operating capacity of companies and industrial jobs in Finland. The measures are financed from the additional operating expenditure allocation granted to Business Finland for this purpose in the government's supplementary budget in June.

<https://www.businessfinland.fi/suomalaisille-asiakkaille/palvelut/vienti-ja-kansainvalistyminen/tasmatoimet-valmistavan-teollisuuden-viennin-vauhdittamiseksi/>

FUNDED PROJECTS

The list of projects funded by the Smart Mobility Finland program is available on our website.

<https://bit.ly/3lpCJpQ>

Business Finland has funded projects related to, among other things, smart vehicles, trams, smart ports, autonomous shipping, 5G deployment, smart professional driving, combating the COVID pandemic on ships, smart waterways and the development of logistics systems.

In Spring 2020, Business Finland organised a challenge competition for leading companies. The winners of the competition have promised hundreds of new jobs and hundreds of millions of euros in RDI investments in Finland. The leading company funding was awarded to Neste's Smart Mobility theme. In the new research project, Neste is developing sustainable and globally scalable raw material and technology solutions for transport fuels and the production of chemicals and polymers.

<https://www.businessfinland.fi/ajankohtaista/uutiset/tiedotteet/2020/business-finlandin-veturiyrittysten-haastekilpailun-voittajilta-luvassa-satoja-uusia-tyopaikkoja-ja-satojen-miljoonien-eurojen-tki-investoinnit-suomeen/>

THE LATEST, MOST INTERESTING CUSTOMER CASES

Business Finland publishes interesting and topical customer cases. The latest Smart Mobility stories deal with smart cars and smart ports.

Basemark: Rocksolid engine is the brain of the smart car

Helsinki-based Basemark solves the challenges of autonomous transport in a fast-growing global market. Business Finland's financing has significantly accelerated the company's product development.

<https://www.businessfinland.fi/en/whats-new/cases/2020/basemark-rocksolid-engine-is-the-brain-of-the-smart-car/>

Awake.AI brings AI and savings to the maritime industry

Based in Turku, a historic maritime city, Awake.AI is making maritime logistics more efficient. The company has some of the best software experts in the industry as well as maritime experience, using these strengths to create solutions to the so-called 4x40 problem.

<https://www.businessfinland.fi/en/whats-new/cases/2020/awake.ai-brings-ai-and-savings-to-the-maritime-industry/>

JOINT OFFERINGS

In 2020, the Smart Mobility program has published three brochures on joint offerings. The topics are Smart Ships, Safe and Clean Ships and Ports, and Smart Ports and Marine Logistics. The brochures are available on Business Finland's website.

<https://www.businessfinland.fi/en/do-business-with-finland/explore-key-industries/maritime/in-brief/>

The joint offering for Intelligent Vehicle & Mobility Solutions will be completed in November 2020. The joint offerings are available in pdf and e-book formats. The joint offerings are used in marketing and for promoting Finland's country image in events organised by companies and research institutes as well as in Team Finland's cooperation around the world and webinars, trade fairs and conferences.

Read more about the Smart Mobility Finland program:

<https://www.businessfinland.fi/en/for-finnish-customers/services/programs/smart-mobility-finland/>