

FINNISH EXCELLENCE IN TRANSPORT SECTOR



KEY AREAS OF FINNISH EXCELLENCE IN TRANSPORT SECTOR

AUTONOMOUS TRANSPORT
Proven in all conditions

ELECTRIFICATION OF TRANSPORT
From software to batteries

SERVICIFICATION OF MOBILITY
Services to connect all mobility services

SMART PORTS AND MARITIME
Data-driven automation, flow and safety and remote pilots

ENVIRONMENTAL MEASURES
Ensure transport in all weather conditions

DATA & CONNECTIVITY
Corner stones for modern transport system & cooperativeness

DIGITALIZED RAIL SOLUTIONS
Complete modern rail packages from cars to maintain operations

DIGITALIZED LOGISTICS
Efficiency for people, goods and environment via digitalization

AUTOMOTIVE INDUSTRY TECHNOLOGIES
Trusted technologies for modern vehicles



AUTONOMOUS TRANSPORT

- Software as a Key
- All Modes
- In All Conditions & Weather
- First and Last Mile

In Finland, we enable safe driving in all weather conditions. Self-driving shall be safe whenever and wherever.



ELECTRIFICATION OF TRANSPORT

- Software for optimization
- EV infrastructure
- From Home to Heavy
- Batteries as an Enablers

In Finland, we optimize how electricity is used. We also think the key for smart electrification – The Battery – shall be produced with trust and sustainability.



AUSTRALIA'S LONGEST EV HIGHWAY TO
FEATURE KEMPOWER RAPID
CHARGING TECHNOLOGY, KEMPOWER



FINNISH SMART CHARGING PLATFORM
VIRTA OPENS AN OFFICE IN
SINGAPORE, VIRTA



SERVICIFICATION OF MOBILITY

- Greener future through mobility services
- Data and technology driven
- Flexible Payment
- The Home of MaaS

In Finland, we invented a new more sustainable and consumer wise way for mobility. The revolution to think mobility a bit different – as a Service.



ONE OF A KIND TRAM SERVES AS A TEST BED FOR MOBILITY SERVICES IN TAMPERE, SKODA TRANSTECH



HISTORY OF MAAS



AUTOMOTIVE INDUSTRY TECHNOLOGIES

- Software for Modern Automotive
- Vehicles Connected Everywhere
- Smart Cockpit Dashboards

In Finland, we didn't invent a car but we know how to speed up processes and get things connected – by software, connections and new emerging technologies.



BASEMARK SHOWCASING ITS LATESTS AUTOMOTIVE AR AND HMI GRAPHICS SOFTWARE, BASEMARK



MARELLI SHOWCASES MIND-XP COCKPIT DCU PLATFORM POWERED BY KANZI ONE, RIGHTWARE



DATA & CONNECTIVITY

- Open Data
- Data Networks (5G, 6G..)
- Connected Infrastructure, Devices, People

In Finland, we build the trust on data and connectivity. Our strong background on mobiles enables to build our future towards trusted and safe digital transport system.



TELIA LAUNCHES SERVICE FOR DETERMINING CO2 EMISSIONS FROM ROAD PASSENGER TRANSPORT, TELIA



DIGITAL TWINS OPEN A NEW WORLD FOR URBAN DEVELOPMENT, VTT, SITOWISE



ENVIRONMENTAL MEASURES

- Weather & Climate Measures
- Road, Rail, Air, Sea Conditions
- Forecasts

In Finland, we live with 4 seasons, we adapt to the weather, we forecast the weather and – the most important – we take care that society can smoothly go with all this.

VAISALA RANKS IN TOP 5 OF FINANCIAL TIMES' CLIMATE LEADERS 2022 LIST, VAISALA



USING DATA TO CONTROL TRAFFIC EMISSIONS IN VAASA, RAMBOLL




DIGITALIZED RAIL SOLUTIONS

- Modern Urban Rail Systems
- Digitalized Rail Systems
- Life Cycle Rail Concept
- Autonomous Trains

In Finland, we think “rails” are not like they used to be –only iron. We think “rails” are smart, digitalized, sustainable mobility ecosystem -a part of modern, evolving ecosystem from iron rail roads to autonomous trains.



ONE OF A KIND TRAM SERVES AS A TEST BED FOR MOBILITY SERVICES IN TAMPERE, ŠKODA TRANSTECH & VTT



PROXION LED SUCCESSFULLY AUTONOMOUS TRAIN TESTS IN FINLAND, PROXION



SMART PORTS AND MARITIME

- Optimized Port Operations
- Maritime Situation Awareness
- Autonomous Port Processes
- Data & Software Driven Safety, Efficiency and Green

In Finland, we live almost on an island – forced to sail on ice, navigate through thousand rocks, connect the world through our ports 24/7. This means optimization, efficiency, automation and smart in every level.

WÄRTSILÄ IS LEADING THE MARINE ECOSYSTEM TOWARDS ZERO EMISSIONS, WÄRTSILÄ

PORT APP THAT COLLATES SCHEDULE DATA HEADING TOWARDS INTERNATIONAL COOPERATION, FINTRAFFIC VTS



DIGITALIZED LOGISTICS

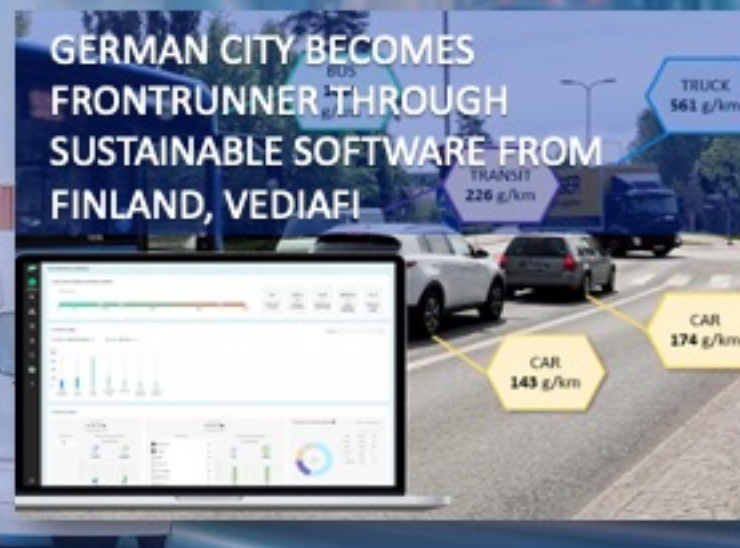
- Optimized Logistics Chain
- Efficiency Through Automation and Autonomous
- Data, AI & Software Driven Safety, Efficiency and Green

In Finland, we are challenged with too long distances and too narrow freight and passenger flows. Challenges are tackled by data, innovations and optimization in every level.

A DIGITAL LEAP IN PARCEL TRAFFIC, CGI & MATKAHUOLTO



GERMAN CITY BECOMES FRONTRUNNER THROUGH SUSTAINABLE SOFTWARE FROM FINLAND, VEDIAFI



Finnish Excellence in Mobility “One stop shop”

<http://www.futuremobilityfinland.fi/>

Your “One Stop Shop” for latest news, pilots and posts from Finnish mobility ecosystem



ECOSYSTEMS TO ACHIEVE OUR SUSTAINABLE FUTURE



TRANSPORT SECTOR
Sustainable Growth Program



FUTURE MOBILITY
FINLAND

www.futuremobilityfinland.fi

SETTLE DOWN FOR SUCCESS IN & WITH FINLAND

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**INNOVATION
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The Consumer
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YOUR CONTACT TO FINNISH EXCELLENCE IN MOBILITY

Transport Sector Sustainable Growth
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