

**BUSINESS
FINLAND**

SMART MOBILITY

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FUNDING, NETWORKS AND INTERNATIONALIZATION SERVICES

Smart Mobility program runs from 2018 to 2022 with a total budget of EUR 100 million

For companies registered in Finland the program offers innovation funding, market intelligence, networking and internationalization services e.g. trade missions

Targeted at companies, research organizations, municipalities and cities, and e.g. service, ICT and manufacturing industries

Challenge Competition for an own development project or a joint-project with other companies and research institutes



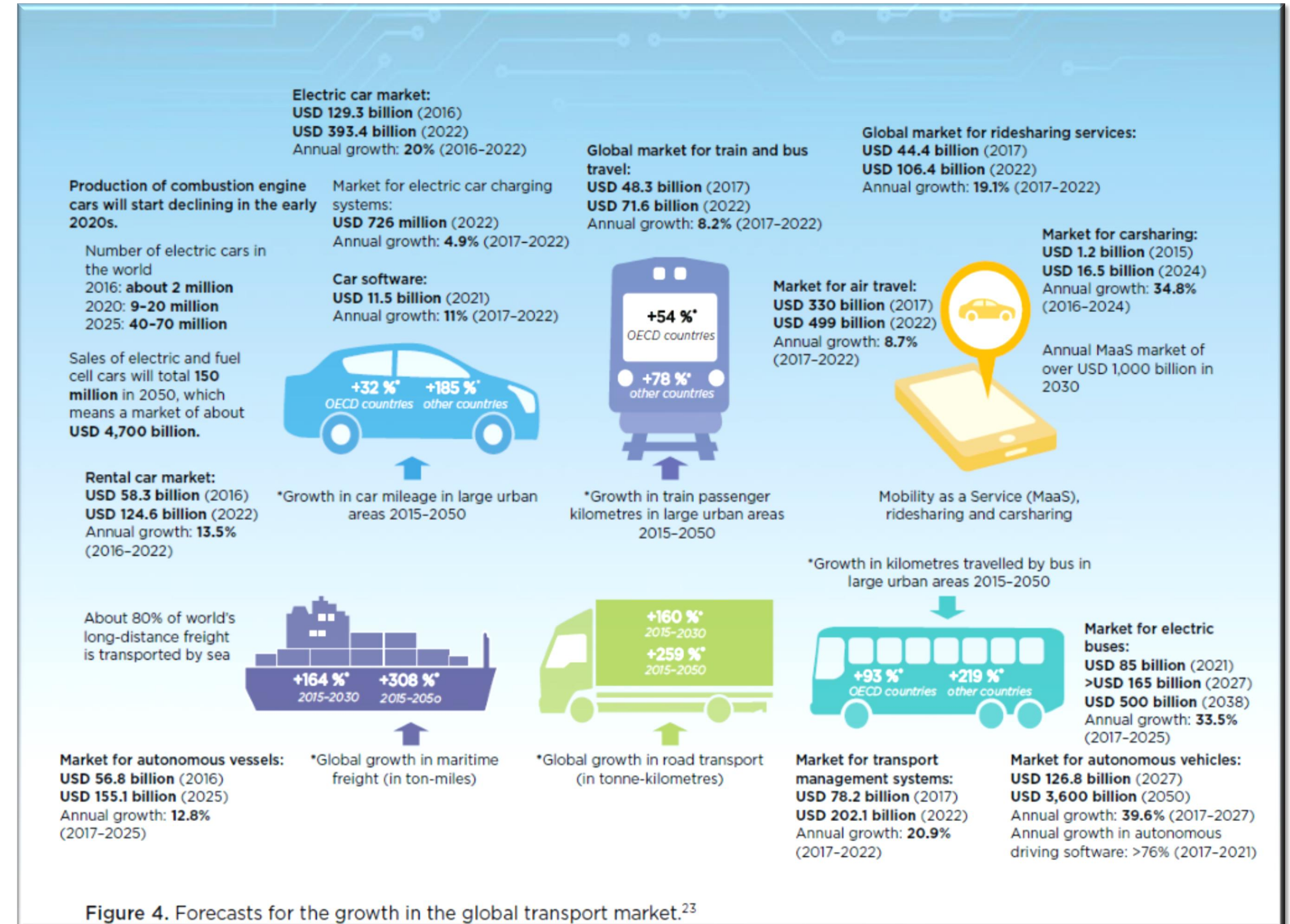
JOIN FINLAND TO BENEFIT FROM SMART MOBILITY

For foreign companies the program provides Invest in Finland services for joining and building ecosystems and testbeds and setting up R&D in Finland

Internationalization activities are directed particularly in Germany, Sweden, Japan, China and the United States markets during the first phase of the program

NEED FOR SMART MOBILITY PROGRAM

- Estimated **global markets** for mobility USD 6.500 billion (McKinsey) – **Finnish mobility market** EUR 30 billion
- Mobility markets are in disruption:**
 - Fast growing **service businesses**: carsharing, ride sharing, MaaS, smart parking (Compound annual growth rate 20-25% 2016-2025)
 - Disruptive technologies**: autonomous & electric vehicles and vessels, drones, hyperloop (est. > 500 billion US dollars 2025)
 - Logistics**: fast growing material flows and changes in retail (maritime and road transport growth 160% by 2030)
- Disruption creates possibilities for the Finnish companies**
- Smart Mobility Business Finland program 2018-2022 services include:**
 - Data, BF funding, experiment, Innovative Public Procurement, export & invest in Finland



Source of the picture: National Growth Programme for the transport sector 2018-2022

SMART MOBILITY PROGRAM FOCUS

Globally leading seamless logistics and people transportation solutions

Radical emission reduction and fossil free mobility to exceed climate agreement requirements

Disruptive mobility services and traffic systems through wide data usage and sharing

From forest to sea: Autonomous and secure industrial logistics

From door to door: Smooth urban mobility services (MaaS)

From store to home: Autonomous and secure consumer logistics

Without delays and congestions: Intelligent vehicles, infrastructure and traffic systems

From Forest to Sea and City Logistics

Seamless People Transportation Chains

Enrich Ecosystems via FDI

Growth Through Export

Innovation Funding and Testbeds

Logistics

People

Export & FDI: B2B and Consumer Logistics

Export & FDI: Intelligent Vehicles and MaaS

NEW LOGISTICS

5G





SMART MOBILITY EVENTS 2019 IN FINLAND AND ABROAD

SMART MOBILITY THEME RELATED EVENTS IN FINLAND 2019 - PLAN

1. Smart Mobility Launch event 29.1.2019
 2. Technology Forum March / April 2019
 3. Challenge Competition "From Forest to Sea" & "From Door to Door" Workshops in May, June, Sept
 4. Smart Mobility Test Beds in Finland Workshops on Q2 and Q4
 5. Smart Mobility Future Watch Webinars 2-4 pcs on Q2, Q3 and Q4
 6. Transport-Logistics expo, Helsinki 9.-11.5.2019
 7. Foreign Business Delegations to Finland 10-30 pcs
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SMART MOBILITY THEME RELATED EVENTS ABROAD 2019: Q1- Q2 - PLAN

1. CTS and CES, Finland booth, presentations, networking. Las Vegas, USA 7.-11.1.2019
 2. Team Finland business delegation led by Minister Lintilä. Digital transformation of marine industry of System Integrators, US Navy. Washington DC 14 – 16.1. 2019
 3. MWC Barcelona. The largest mobile event in the world. 25.-28.2.2019
 4. Team Finland Arctic Fleet and Connected Vessel technology seminar, Moscow March / later in 2019
 5. The Energy for Smart Mobility, E4SM @ Marseille. 14.-15.3.2019
 6. VECS Vehicle Electronics & Connected Services Göteborg, Finland booth, presentations, networking. 2.-3.4. 2019
 7. Antwerp XL entire supply chain, freight forwarders, cargo owners, equipment handlers, terminal operators, EPCs, manufacturers and project owners. Exhibition and conference Antwerpen 7.-9.5.2018
 8. ITS European Congress. The latest smart mobility solutions. Eindhoven, the Netherlands 3.-6.6.2019
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SMART MOBILITY THEME RELATED EVENTS ABROAD 2019: Q2 - Q4 - PLAN

9. Nor shipping. presentations, networking, Nordic Innovation new funding, Oslo 4.-7.6.2019
 10. TU Automotive. Technology, telematics, connected car, mobility, autonomous cars Detroit 4.-6.6.2019
 11. MWC Shanghai. Intelligent connectivity 26.-28.6.2019
 12. B2b meetings with Danish shipowners, digi & environmental solutions. Copenhagen, October
 13. ITS World Congress. Finland booth, presentations, networking. Singapore 21 – 25.10.2019
 14. TU Automotive Europe Munich 29. -30.10.2019
 15. Smart City Barcelona. Finland booth, presentations, networking. 19.-21.11.2019
 16. China-Finland Governmental Marine logistics innovation committee meetings. Time TBC
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SMART MOBILITY CHALLENGE COMPETITION

SMART MOBILITY CHALLENGE COMPETITION 10 THEMES

FROM FOREST TO SEA FROM DOOR TO DOOR

1. Cyber security in traffic or in remote operations
 2. Autonomous or automated logistics and supply chains
 3. New system electrification solutions / electric vessels, vehicles or moving machines
 4. Artificial Intelligence and sensor data fusion and open data in smart vehicle or traffic solutions
 5. Disruption of traffic, mobility services and digitalization from user's perspective
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SMART MOBILITY CHALLENGE COMPETITION 10 THEMES

FROM FOREST TO SEA FROM DOOR TO DOOR

6. Analytics and use of open traffic data or integration of system data
 7. Arctic sea traffic and Arctic routes, logistics
 8. Solutions for reaching or under cutting the tightening emission limits
 9. MaaS (Mobility as a Service), transportation of goods and passengers
 10. Other solutions or technologies improving the Smart Mobility theme
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FUNDING SERVICES FOR COMPANIES

EXPLORE, TEST, GO GLOBAL

RESEARCH, DEVELOP, RENEW, GROW

		TEMPO		R&D	INTO
INNOVATION VOUCHER		TRADE FAIR			
Buy innovation expertise		A group of SMEs participating together in an international trade fair		Develop a product, service, process or a business model	
		Renew and prepare to grow into a new international market		Test the functionality	
				Increase your innovation knowledge to support your growth targets	
<ul style="list-style-type: none">• Grant 100 %• 5000 € + VAT		<ul style="list-style-type: none">• Grant 50 %• max 30 000 €		<ul style="list-style-type: none">• Loan 50% / 70 %• Grant max 50 %	<ul style="list-style-type: none">• Grant 50 %• Grant max 50 %

The amount of funding depends on the company's needs and resources.

FOR RESEARCH ORGANIZATIONS: CO-INNOVATION AND CO-CREATION FUNDING

SMART MOBILITY PROGRAM TEAM (FINLAND)



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Smart Maritime, Forest Industry



Karin Wikman

Smart City Ecosystems



Tom Warras

Transport and Infrastructure



Jukka Mäki

Digitalization in Mobility



Martti Korkiakoski

Electromobility



Sakari Karppinen

Industrial Logistics, Autonomous
Systems, Platform Economy



Olavi Keränen

Testbeds



Arto Pussinen

Invest in Finland Services, ICT



Mikko Koskue

Automotive, Electromobility



Kaj Nordgren

Marketing and Communication



Jouni Salonen

Mobility as a Service,
Mobile Machinery, Drones

BUSINESS FINLAND GLOBAL NETWORK

40 trade centers
abroad 16 offices
in Finland



THANK YOU!

CONTACT US

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