

EU-JAPAN COOPERATION WORKSHOP ON ITS

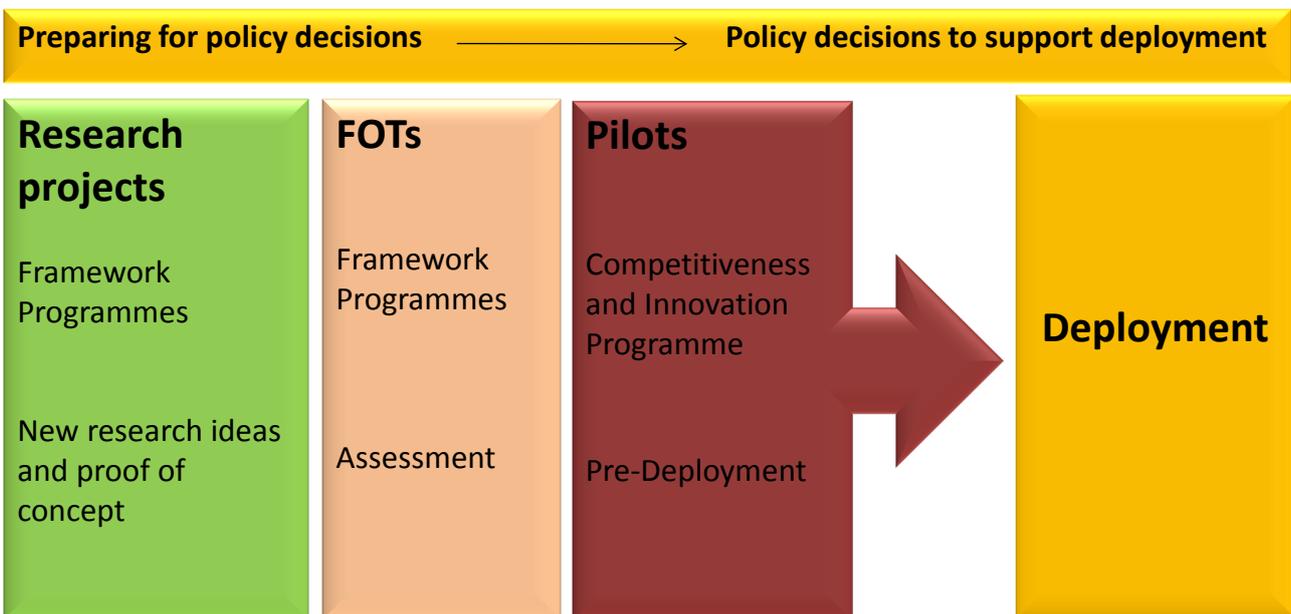
Field Operational Tests in Europe
Tokyo, 15 May

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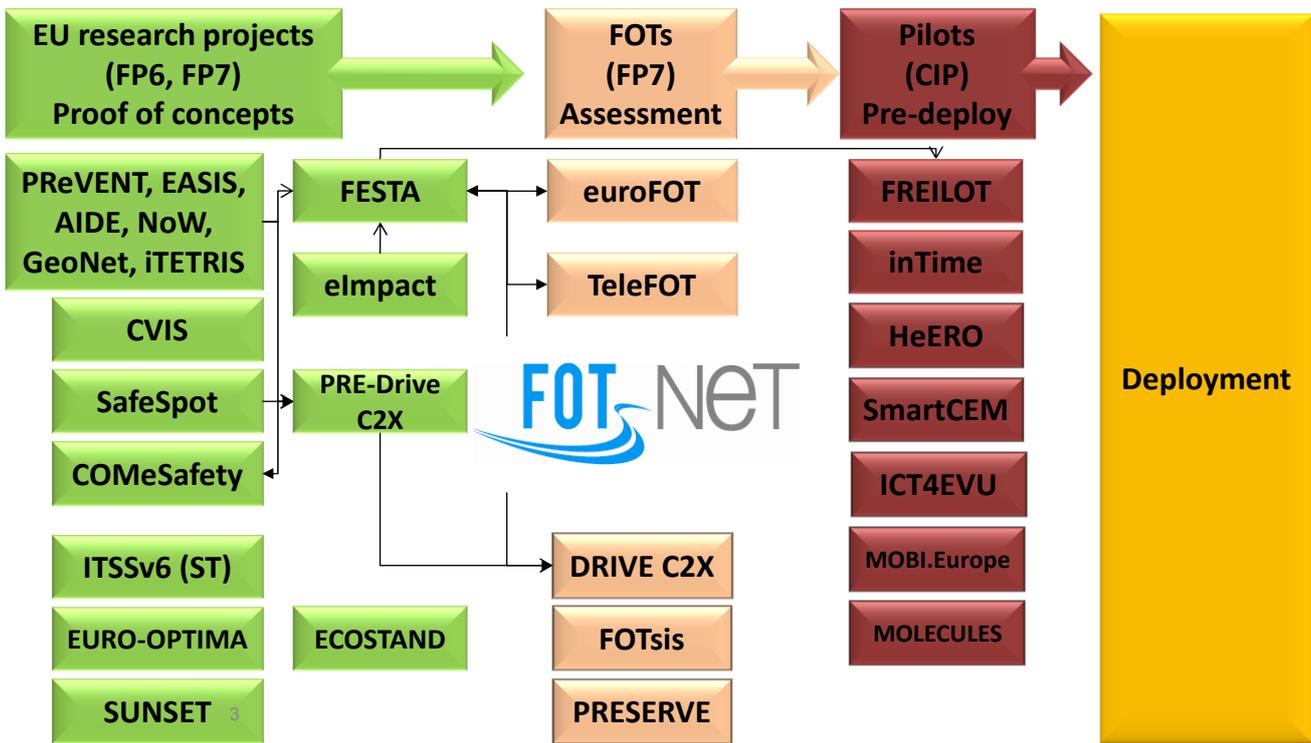


FOT-Net is a support action co-funded by the European Commission to network FOT activities at European, national and international level.

FIELD OPERATIONAL TESTS (FOTS): A STEP TOWARDS DEPLOYMENT



FROM EU R&D TO DEPLOYMENT

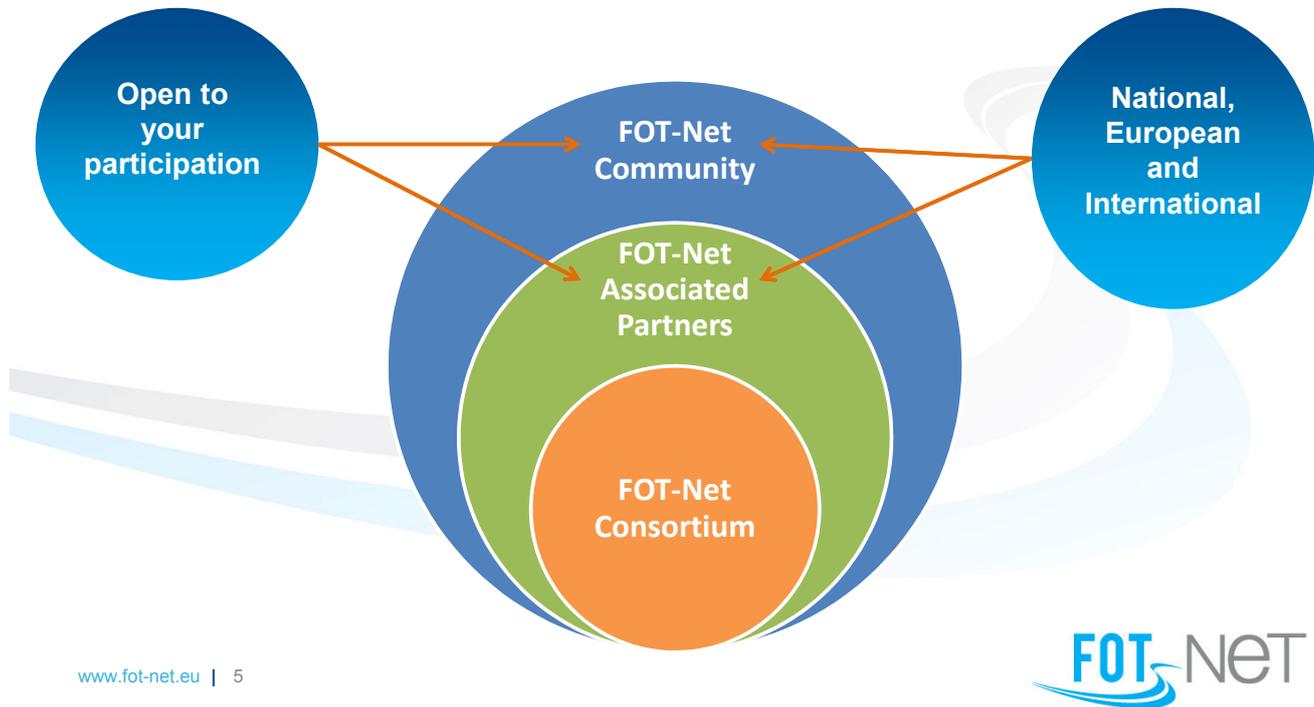


WHAT IS FOT-NET?

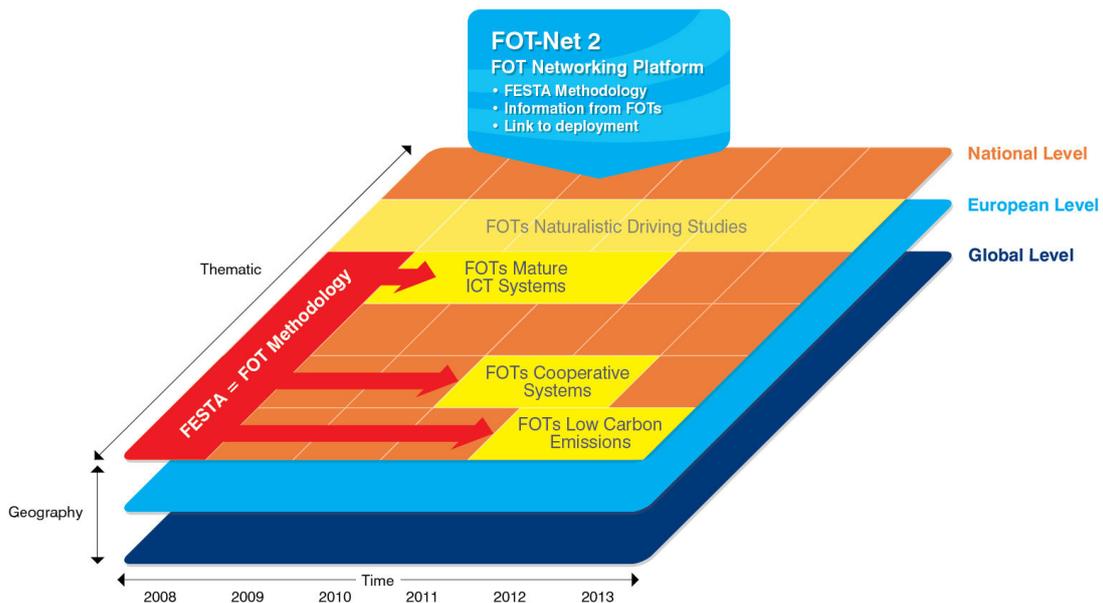
FOT-Net is a support action funded by the European Commission to network *Field Operational Test* activities at European, National and International levels.

- First phase 2008 – 2010, 10 funded partners, funding of 1.2 M€
- Second phase 2011 – 2013, 15 funded partners, funding of 1.4 M€

WHO IS PART OF FOT-NET?



FOT-NET IN THE FOT LANDSCAPE THREE LEVELS OF SUPPORT



LATEST FOT-NET ACTIVITIES

FOT Networking Platform

- FOT-Net 4th International Workshop, Orlando, 16 October 2011: Conclusions are online
- Newsletter n°9, special focus on euroFOT (March 2012)
- Coordination Day for Cooperative Systems FOTs (EC projects only), 25 May
- FOT Wiki: regular updates, new sections

FOT Methodology

- Revised version in FOT Wiki
- Revisiting FESTA from the point of view of Cooperative systems, Naturalistic Driving and Nomadic Devices

FOT Working Groups: Tackling critical issues related to the FESTA methodology

- Data analysis, Events and incident definition, Legal and ethical issues, Impact assessment and scaling up, Data sharing
- TORs are online

Stakeholder needs survey: ongoing

- Share your experiences and opinions
- To participate contact info@fot-net.eu

FOT Evaluation and Validation Database (with iCar Support)

- Your support is needed to build this database

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Interested in
these activities?
Email info@fot-net.eu

FOT ACTIVITIES IN EUROPE

- Pan-European Level:
 - euroFOT
 - TeleFOT
 - FOTsis
 - DRIVE C2X
- ITS Test Beds

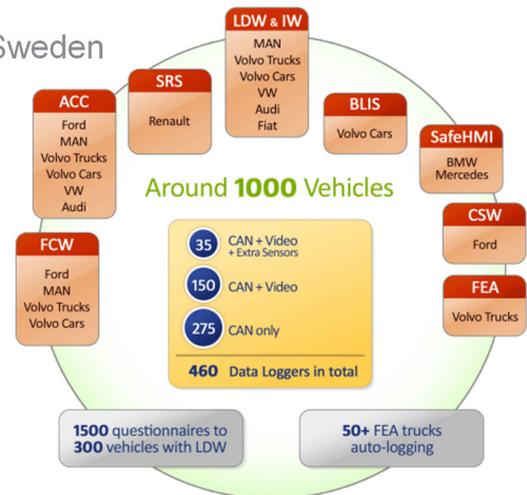
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FOT NET

EUROFOT

EUROPEAN LARGE-SCALE FIELD OPERATIONAL TESTS ON IN-VEHICLE SYSTEMS

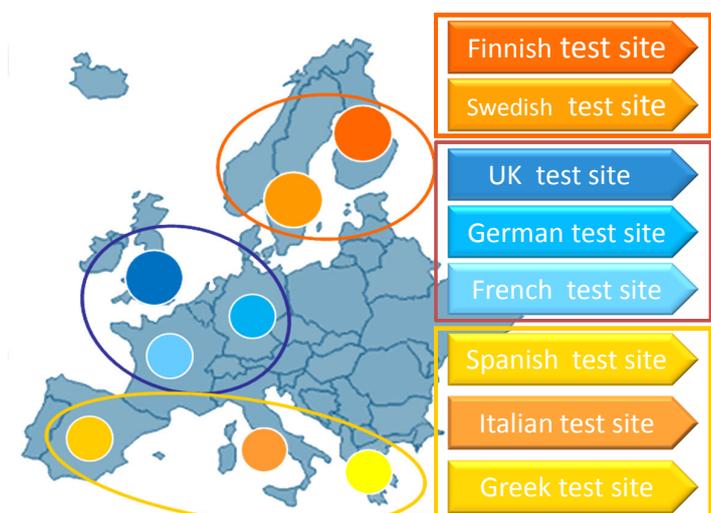
- Evaluating the impact of intelligent vehicle systems on safety, the environment, driver efficiency.
- 8 functions under testing:
 - Longitudinal control functions
 - Lateral control functions
 - Advanced applications
- Operation Sites: France, Germany, Italy and Sweden
- Status: Data analysis is ongoing. Findings will be unveiled at final event on 26-27 June in Brussels
- Budget/EC Funding: Euro 22 million/ Euro 14 million
- Duration: May 2008 - June 2012 (50 months)
- Consortium: 28 partners from 10 different countries



TELEFOT

FIELD OPERATIONAL TEST OF AFTERMARKET AND NOMADIC DEVICES

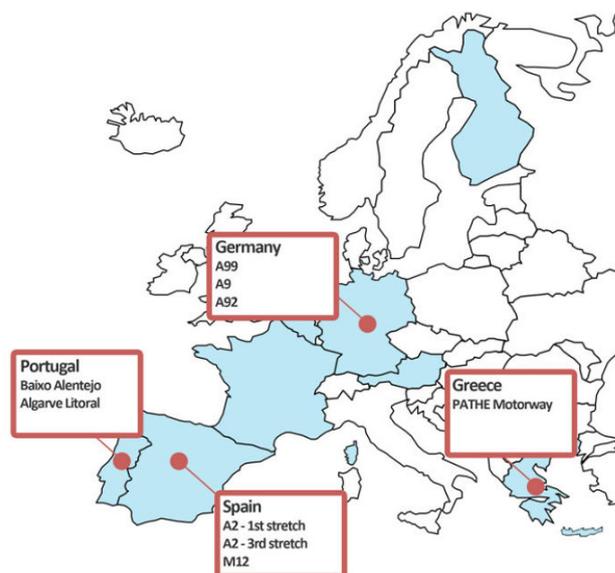
- Assessment of the impacts of functions provided by aftermarket and nomadic devices for driver support and raise wide awareness of their functions and potential
- Tested functions covering two main areas: safe driving and economic and fuel efficient driving:
 - Traffic information
 - Speed limit information
 - Speed alert
 - Navigation support (static)
 - Navigation support (dynamic)
 - Green driving support
 - eCall
 - Forward Collision Warning
 - Lane Departure Warning
- Status:
 - Data analysis ongoing.
 - Findings will be unveiled at final event in November
- Budget/EC funding: Euro 14.5 million/Euro 9.7 million
- Duration: June 2008 – November 2012 (54 months)
- Consortium: 23 partners



FOTsis

EUROPEAN FOT ON SAFE, INTELLIGENT AND SUSTAINABLE HIGHWAY OPERATION

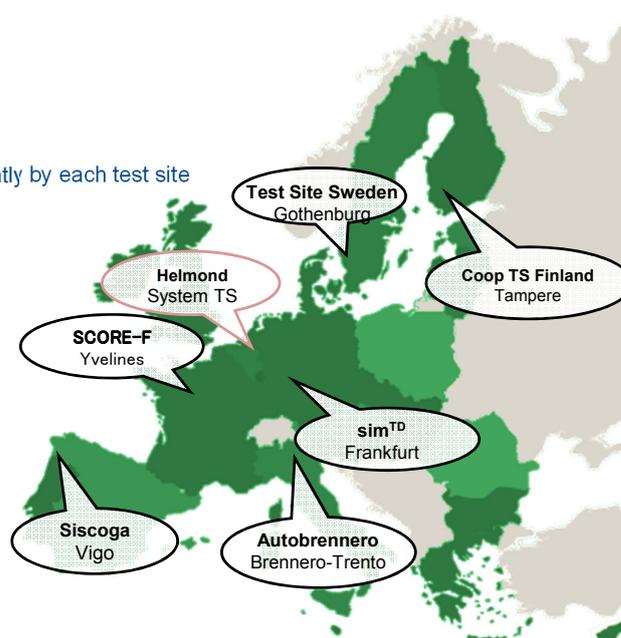
- FOTsis will test the road infrastructure's capability to incorporate the latest cooperative systems technology
- 9 Test-Sites in 4 European Test-Communities: Spain, Portugal, Germany and Greece
- 7 services will be tested in experimental environments throughout Europe:
 - S1: Emergency Management
 - S2: Safety Incident Management
 - S3: Intelligent Congestion Control
 - S4: Dynamic Route Planning
 - S5: Special Vehicle Tracking
 - S6: Advanced Enforcement
 - S7: Infrastructure Safety Assessment
- Status:
 - System architecture has been developed
 - Selection of drivers has been launched
- Budget/EC Funding: EUR 13,8 million/EUR 7,85 million
- Duration: April 2011/September 2014 (42 Months)
- Consortium: 23 partners in 8 countries



DRIVE C2X

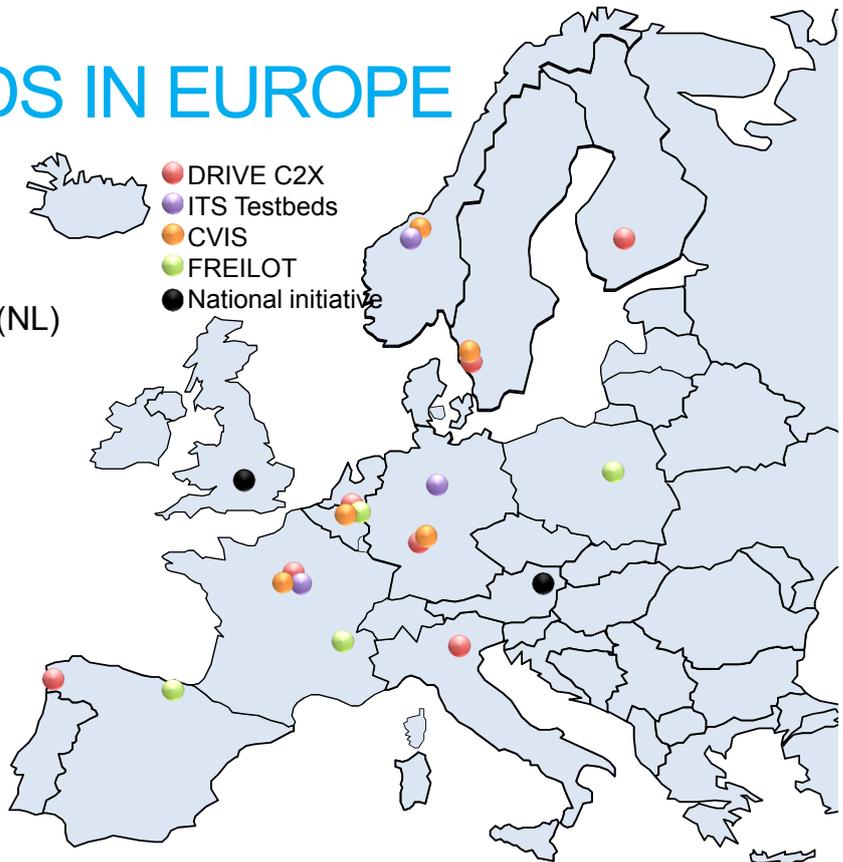
LARGE SCALE FOT FOR C2X COMMUNICATION TECHNOLOGY

- Focus on communication among vehicles (C2C) and between vehicles, a roadside and backend infrastructure system (C2I)
- The functions under test:
 - Local danger alert
 - Driving assistance
 - Traffic flow improvement
 - Traffic management
 - Local information services and
 - Test site-specific functions to be defined independently by each test site
- Status:
 - Reference system has been developed and tested
 - DRIVE C2X @ DITCM test site event, 5 July 2012
- Budget / funding: Euro 18.820 million/
Euro 12.400 million
- Start date / duration: Jan 2011 – Dec 2013 (36 months)
- Consortium: 31 partners and 15 support members



ITS TESTBEDS IN EUROPE

- AIM, Braunschweig (D)
- InnovITS, Oxford (UK)
- Aktiv, SimTD, Frankfurt (D)
- SPITS (DITCM), Helmond (NL)
- VTT, Tampere (FIN)
- TSS, Gothenburg (S)
- SISCOGA, Vigo (E)
- SATORY (SCORE@F), Versailles (F)
- AutoBrennero, Trento (I)
- AustriaTech, Vienna (A)
- SINTEF, Trondheim (N)
- Warsaw (PL)
- Bilbao (E)
- Lyon (F)



CONCEPT OF EUROPEAN ITS TESTBEDS

- Create a positive innovation environment
- Enable powerful functional testing
- Promote interoperability and ITS standards compliancy (ETSI/CEN/ISO)
- Harmonise test environment & infrastructure
- Converge towards service platform (e.g. Europe-Wide Service Platform (EWSP))
- Define certification procedures for Cooperative Mobility apps

EVENTS COMING UP

- euroFOT Final Event, Brussels, 26-27 June
- ITS World Congress Vienna, 22-26 Oct
- FOT-Net International Workshop, Vienna, 21 Oct
- TeleFOT Final Event, Brussels, Nov, (date TBC)
- Stakeholders Workshop, Brussels, Nov (date TBC)

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FOT-Net

JOIN THE FOT-NET ACTIVITIES

- Join the FOT-Net Linked-In group
- Send FOT-Net your national news
- Use the FOT wiki and provide new content
- Attend the workshops, seminars, webinars
- Contribute to the WGs
- Share your ideas with the FOT-Net team, so FOT-Net can continue to improve its support to you

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Join FOT-Net on Linked-In:
<http://www.linkedin.com/groups/FOTNet-4094844>

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