



# FOT-Net Networking Platform for Field Operational Tests

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



## FOT-NET support action



Start: 01 June 2008  
End: 31 August 2010  
Duration: 27 Months  
10 funded partners  
6 associated partners



eSafety Plenary - 6 Nov 2008

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## Who are the FOT network partners



### Consortium Partners

- Contracted partners
- Organisations involved in European FOT activities and/or representing national FOTs

### Associated Partners

- Organisations strongly involved in FOT and willing to commit to the Network

### Network partners

- “Stakeholders”: Interested in outcome of FOT
- “Experts”: Actively participating in FOT



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## FOT-NET Partners



Coordinator: ERTICO – ITS Europe

Consortium partners:

- RWS (NL)
- TNO (NL)
- Leeds University (UK)
- Orange (F)
- POLIS (BE)
- FIA (BE)
- SAFER - Chalmers (SE)
- ITS Bretagne (FR)
- CTAG (SP)

Associated partners

**EC Support**

- VTT (TeleFOT)
- FORD (euroFOT)

**US support**

- UMTRI \*
- Transport for Canada \*

**Japan support**

- NISSAN \*\*
- Honda \*\*



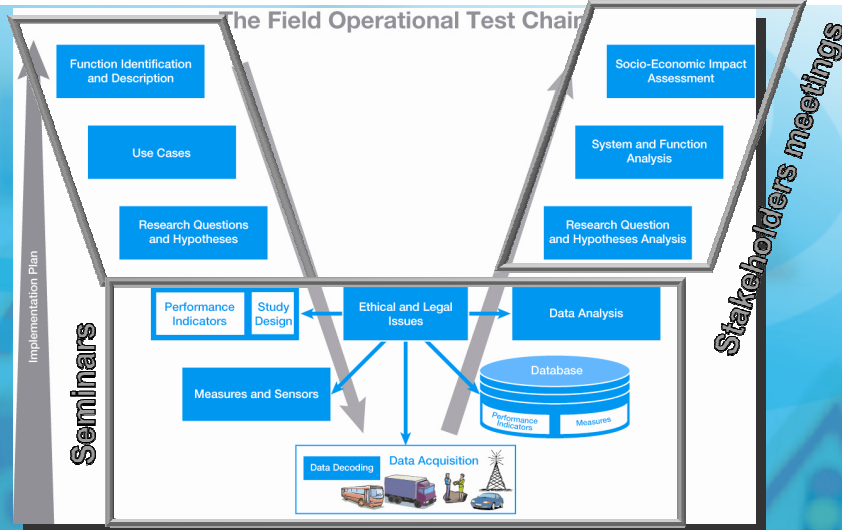
## Demonstrations, Pilots, or Field Operational Tests?



- Demonstrations:  
showcase of a technology at an event
- Pilots:  
large scale demonstrations during a longer time to prove a technology in a real environment under controlled conditions
- FOT:  
large scale tests of a proven technology providing further understanding on organisation, user acceptance, with statistically solid evaluation of benefits in real environment. This is seen as one of the last steps before final implementation.

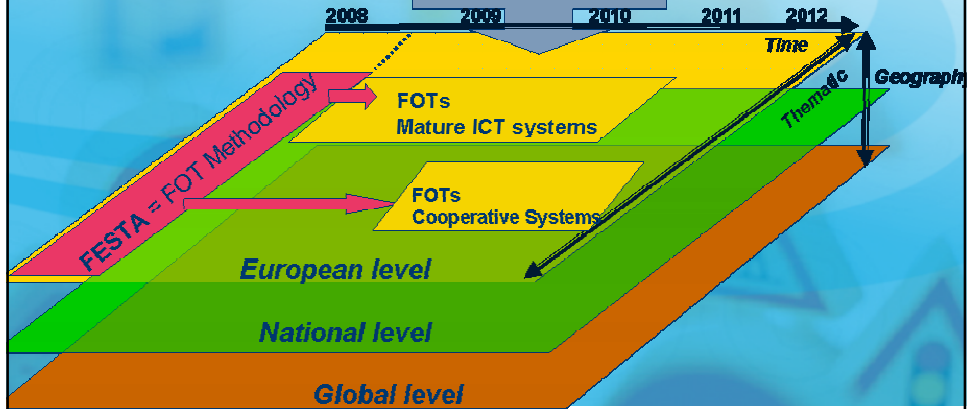


# Who are the FOT stakeholders?



## FOT-Net Networking & Implementation

- FESTA results implementation
- FOT networking
- International cooperation
- Dissemination & Awareness



## “One-stop shop” for Field Operational Tests



National, European and international FOT organisers are invited to coexist in one strategic networking platform

FOT-Net should become the point of reference for anyone interested in Field Operational Tests, their organisation, their set up and their results

FOT-Net is open to all stakeholders from public and private sectors willing to exchange experiences and benefit from each others' expertise



## What FOT-Net can do for you



Inform

Share

FOT-Net

Discuss

Promote



## Overall objectives of FOT-NET

Establish a European networking platform for FOT activities including all stakeholders from public and private sectors

Promote the implementation of a common FOT methodology (FESTA results) and discuss any further improvement

## FOT Networking and cooperation (WP2 – ERTICO)

Maintain a catalogue of the National and European FOT activities

Hold regular stakeholders workshops on FOT activities

Organise international workshops on FOT planned in NY (2008) and Japan (2009)

Consolidate a common FOT roll-out plan to support coherent development and implementation of FOTs

## FOT Implementation support (WP3 - TNO)



- Focus on FOT actors to harmonise the implementation of FOTs in Europe
- Hold a series of seminars for promotion of a common FOT methodology based on the FESTA outputs
- Centralise discussions around European FOT methodology and any further improvements



## FOT activities in FOT-NET catalogue v0.1



### EC-funded activities

- ADAS: euroFOT
- Nomadic Devices: TeleFOT

### National activities

- ISA FOTs: LAVIA (F), ISA-UK, ISA-Sweden, Belonitor (NL), etc...
- ADAS FOT: AOS (NL), LDWA (NL), RoadWise (NL),
- Naturalistic FOT: SeMiFOT (SE)
- eCall: Spain, ADAC (D)
- Cooperative systems: Sim-TD (D), SCOREF (F)
- Others: Safe and green corridors (F)



## Main working items

Stakeholders meetings, International workshops and Seminars identify, discuss and agree common working items

- ➔ Maintenance of FESTA Glossary
- ➔ Legal and ethical issues – guidelines for consent forms
- ➔ Harmonised research questions
- ➔ Performance indicators: maintenance of FESTA PI
- ➔ Definition of data exchange platform - how to make data/results accessible to all?
- ➔ Steps from FOT results to policy or industry decisions
- ➔ Flexibility of seminars topics and online forum
- ➔ Evaluations of combined functions and reference baseline for comparison
- ➔ Support to new regional initiatives

## FOTs in Europe

| Name                        | Project Scope       | Start Date<br>End Date | 1st draft<br>Catalogue |
|-----------------------------|---------------------|------------------------|------------------------|
| euroFOT                     | ADAS, European      | 05/2008-09/2011        | ✓                      |
| teleFOT                     | ND, European        | 06/2008-06/2012        | ✓                      |
| Aktiv                       | ADAS, Germany       | 09/2006-08/2010        |                        |
| Diamant                     | CS, Germany         | 2007-2012              |                        |
| SimTD                       | CS, Germany         | 07/2008-06/2012        |                        |
| LAVIA                       | ISA, France         | 2001-2006              | ✓                      |
| Green and safe corridor     | Environment, France |                        |                        |
| SCOREF                      | CS, France          |                        |                        |
| eCall FOT                   | eCall, Spain        |                        | ✓                      |
| ISA-UK                      | ISA, UK             | 2000-2003              | ✓                      |
| Belgian ISA trials in Ghent | ISA, BE             | 2002-2003              |                        |
| INFATI                      | ISA, DK             | 2000-2001              |                        |
| ISA trial in Finland        | ISA, FIN            | 2002                   |                        |

## FOTs in Europe (cont'd)



| Name                     | Project Scope               | Start Date<br>End Date | 1st draft<br>Catalogue |
|--------------------------|-----------------------------|------------------------|------------------------|
| <b>LDWA Truck FOT</b>    | ADAS, Netherlands           | 2002-2003              | ✓                      |
| <b>Floating Car Data</b> | FCD, Netherlands            | 2005-present           |                        |
| <b>Roadwise</b>          | ADAS, Netherlands           | 2005                   |                        |
| <b>Belonitor</b>         | ISA+, Netherlands           | 2005                   | ✓                      |
| <b>AssistedDriver</b>    | ADAS (ACC-LDW), Netherlands | 2005-2006              | ✓                      |
| <b>AOS for lorries</b>   | ADAS, Netherlands           | 07/2008-06/2009        | ✓                      |
| <b>ISA</b>               | ISA, Sweden                 | 1999-2002              | ✓                      |
| <b>TSS-FOT</b>           | Naturalistic, Sweden        | 2007                   |                        |
| <b>SeMiFOT</b>           | Naturalistic, Sweden        | 01/2008-03/2009        | ✓                      |
| <b>S-FOT</b>             | Naturalistic, Sweden        |                        |                        |
| <b>Drowsiness FOT</b>    | Naturalistic, Sweden        | 2008                   |                        |



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## FOTs in United States



| Name  | Start Date<br>End Date | 1st draft<br>Catalogue |
|---|------------------------|------------------------|
| <b>Intelligent Cruise Control FOT (ACC)</b>                         | 1996-1997              |                        |
| <b>Volvo Intelligent Vehicle Initiative (IVI) FOT</b>               | 1999-2005              |                        |
| <b>Freightliner IVI FOT</b>   | 2000-2001              |                        |
| <b>100 cars Virginia Tech 100-Car Naturalistic Driving Study</b>    | 08/2001-06/2004        |                        |
| <b>ACAS - Automotive Collision Avoidance System</b>                 | 06/1999-11/2004        |                        |
| <b>DDWS - Drowsy Driver Warning System</b>                          | 2002-2005              |                        |
| <b>RDCW - Road Departure Crash Warning</b>                          | 2001-2005              |                        |
| <b>Mack IVI FOT</b>   | 2004-2005              |                        |
| <b>CICAS - Cooperative Intersection Collision Avoidance Systems</b> | 2006-2008              |                        |
| <b>IVBSS - Integrated Vehicle-Based SafetySystems</b>               | 2008-2010              |                        |
| <b>SHRP 2</b>   | 2007-2011              |                        |



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## FOTs in Asia-Pacific

| Name  | Start Date<br>End Date | 1st draft<br>Catalogue |
|---|------------------------|------------------------|
| Nissan – SkyProject KANAGAWA Pref.              | 10/2006-2010           |                        |
| Toyota - AICHI Pref.                            |                        |                        |
| Honda-Mitsubishi - TOCHIGI Pref.                |                        |                        |
| Mazda ITS (navigation system) - Hiroshima Pref. |                        |                        |
| Smartway  | 2006-2009              |                        |
| ITS Safety 2010 - Tokyo Pref.                   | 2006-2010              |                        |
| Australian 'SafeCar Project'                    | 1999-2005              |                        |

## How to take part in FOT-NET

The FOT-Net network is open to any stakeholders interested in results or execution of Field Operational Tests at regional, national, European and International level

Do not hesitate to contact us to participate in the network!



## MORE INFORMATION

Website: [www.fot-net.eu](http://www.fot-net.eu)

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