

Seminar

Field Operational Tests

- FOT-Net -

for Transportation Systems

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Institute for Transport Studies

University of Leeds

Agenda Wednesday 22 June



- 9:00 – 10:00 **Welcome & Introduction**
- 10:00 – 11:00 **Starting a FOT, research questions, use cases and hypotheses**
- 11:00 – 11:15 **Coffee break**
- 11:15 – 12:30 **Defining performance indicators**
- 12:30 – 13:15 **Data acquisition and management**

- 13:15 – 14:15 **Lunch**

- 14:15 – 15:45 **FOT study design**
- 15:45 – 16:00 **Break**
- 16.00 – 17.00 **The stony road to successful FOTs**
- 17.00 – 17.15 **Closure**

FOT: a study undertaken to evaluate a function under normal operating conditions in environments typically encountered by the host vehicle(s) using quasi-experimental methods



- ↪ FOT-Net is a support action aiming to network *Field Operational Test* activities at European, national and international levels
- ↪ Funded by the European Commission DG Information Society and Media under the 7th Framework Programme

FOT-NET support action



- Start: 01 June 2008
- End: 31 December 2010
- Duration: 31 Months
- 10 funded partners
- 16 associated partners
- Funding: 1.230 M€



Coordinator: ERTICO – ITS Europe

↪ Consortium partners:

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

↪ Associated partners

- **VTT (TeleFOT)**
- **FORD (euroFOT)**
- **BASt**
- **City of The Hague**
- **Continental**
- **Connekt/ITS Netherlands**
- **CRF**
- **DLR**
- **Fraunhofer Institute, FOKUS**
- **IKA, RWTH Aachen University**
- **Network of National ITS Associations**

US support

- **UMTRI**
- **Transport for Canada**

Japan support

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

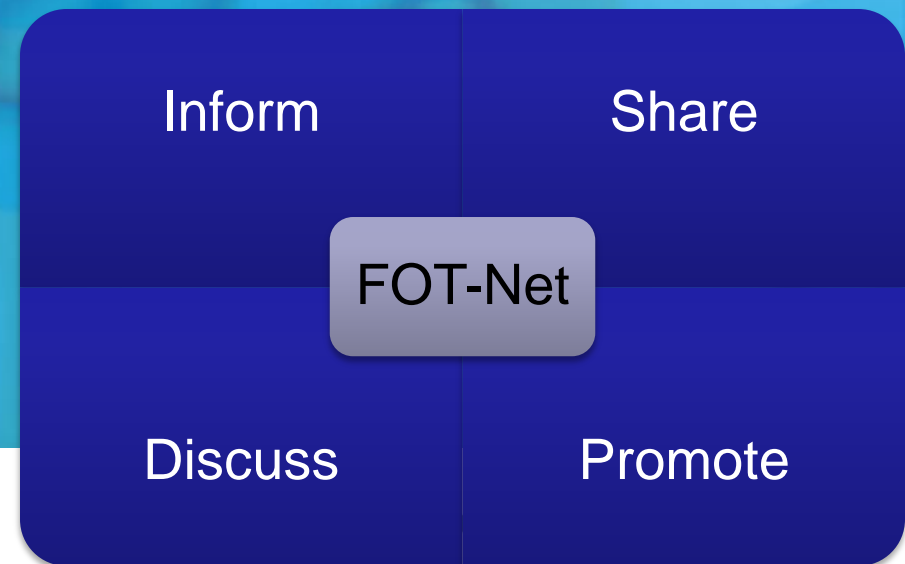
Goals

- ↪ Establish and operate a European networking platform for FOT activities including all stakeholders from public and private sectors
- ↪ Contribute to improve significance, visibility, comparability and transferability of available FOT results at the National and European level
- ↪ Promote the implementation of a common FOT methodology (FESTA results)



One-stop-shop for Field Operational Tests

- Networking (More than 600 experts and stakeholders)
- Stakeholders meetings
- Website
- Seminars
- International workshops
- Newsletter
- WIKI



Two large-scale pan-European FOTs are ongoing:

- ↪ euroFOT: In-Vehicle Systems
- ↪ TeleFOT: Aftermarket and Nomadic Devices

At a national level:

some 30 FOT's in Belgium, Denmark, Finland, France, Germany, The Netherlands, Sweden, Spain and the UK

FOTs in the USA, Asia and Australia

Examples of systems:

Intelligent Speed Adaptation, Adaptive Cruise Control, eCall, information and navigation systems

FOT-Net

Discussing...

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FOT Catalogue

Find out about past and current FOT projects in the FOT Wiki

Share your Field Operational Test with the network and contribute directly to this invaluable online resource

What are Field Operational Tests?

Field Operational Tests (FOT) are large-scale testing programmes aiming at a comprehensive assessment of the efficiency, quality, robustness and acceptance of ICT solutions used for smarter, safer and cleaner and more comfortable transport solutions, such as navigation and traffic information, advanced driver assistance - and cooperative systems.



[More about Field Operational Tests](#)

Participate in our activities
Join us at our workshops



What is FOT-Net?

The FOT-Net project aims to create a networking platform for anyone interested in Field Operational Tests, their set-up and their results.



[More about the FOT-Net project](#)

Become a Partner

Join us and share your knowledge



Events

FOT-Net 3rd International Workshop: SAVE THE DATE! Workshop will include Round Table discussions. To be held on 25 October in Busan at the ITS World Congress



[More about our events](#)

News

euroFOT and TeleFOT at TRA 2010
TRA took place in Brussels, 07-10 June



[page](#) [discussion](#) [view source](#) [history](#)

Welcome to the wiki of Field Operational Tests

The free encyclopaedia of FOTs that anyone can edit! This wiki intends to be a resource for anyone interested in field operational tests and their results. We strongly encourage you to contribute to this online resource.

[Sign up to FOT Wiki here](#)

Experiencing problems using the wiki? Contact us at info@fot-net.eu

Contents [hide]

- [1 FOT Glossary](#)
- [2 The FOT Catalogue](#)
- [3 FOT Timeline](#)
- [4 Other activities and results relevant to FOT](#)
- [5 FAQ - Frequently Asked Questions](#)

FOT Glossary

The FOT community has gradually set up a Glossary starting from the activities of [FESTA](#) and now further improved by [euroFOT](#).

FOT-Net is trying to bring the Glossary to the whole FOT community in the [FOT Glossary](#) where anyone can suggest an addition or amendment.

The FOT Catalogue

With the aim to involve all experts, FOT-Net has created a [FOT Catalogue](#) to which everyone can contribute. It is an online list of past and planned FOTs, their methodology, their set-up and their results.

With this Wiki pages, we aim to build up a catalogue of key information about various past, current and planned field tests in Europe, the [Catalogue](#) by listing or enriching information about your field test in this catalogue!

If your Field Operational Test is not listed and you would like to add a page, please use the [FOT sheet template](#)

You can copy the code and headings and create a new FOT page based on the defined template.

navigation

- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Printable version](#)
- [Permanent link](#)



navigation

- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Printable version](#)
- [Permanent link](#)

[page](#)[discussion](#)[view source](#)[history](#)

FOT Catalogue

European FOTs

Pan European

- [euroFOT](#) - European Large-Scale Field Operational Tests on In-Vehicle Systems
- [TeleFOT](#) - Field Operational Test of Aftermarket and Nomadic Devices
- [COOPERS](#) - Co-operative Systems for Intelligent Road Safety

Belgium

- [ISA Trials, Gent](#)

Denmark

- [INFATI](#)
- [Pay As You Speed](#)

Finland

- [ISA Trial](#)

France

- [LAVIA](#) - Intelligent Speed Adaptation
- [Green and safe corridor](#)
- [FREILOT pilot](#) - city of Lyon-France
- [COOPERS French Test Site](#)
- [COSAL](#)
- [CVIS French Test Site](#)
- [Eco-Driving on ARCOS open roads](#)
- [SAFESPOT West Europe Test Site](#)
- [SCOREF](#) - Systèmes coopératifs Routiers Expérimentation Française

navigation

- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Printable version](#)
- [Permanent link](#)

Contents [\[hide\]](#)

- 1 [Details of Field Operational Test](#)
 - 1.1 [Type of project](#)
 - 1.2 [Number of partners](#)
 - 1.3 [Main Contact person](#)
 - 1.4 [Start date and duration of project](#)
 - 1.5 [Start Date and duration of FOT execution](#)
 - 1.6 [Geographical Coverage](#)
 - 1.7 [Abstract](#)
 - 1.8 [link with other related Field Operational Tests](#)
 - 1.9 [Objectives](#)
 - 1.10 [Results](#)
 - 1.11 [Lessons learned](#)
 - 1.12 [Availability of data](#)
 - 1.13 [Main events](#)
 - 1.14 [Usefull links](#)
- 2 [Financing](#)
 - 2.1 [Overall](#)
 - 2.2 [Public](#)
 - 2.3 [Private](#)
- 3 [Champions and Contact persons](#)
- 4 [Applications and equipment](#)
 - 4.1 [Applications tested](#)
 - 4.2 [Vehicle](#)
 - 4.3 [Drivers](#)
 - 4.4 [Infrastructure](#)
 - 4.5 [Test equipment \(Dataloggers, Video cameras...\)](#)
 - 4.6 [Collected data](#)


[5.8 Methods for data analysis, evaluation, synthesis and conclusions](#)

[6 Sources of information](#)

Details of Field Operational Test

Type of project

European **Integrated Project (IP)** under Framework Program FP7, objective 6.1: ICT for mobility

Project Officer: [Imgard Heiber](#)  DG Information Society Technologies and Media

Number of partners

28 partners



Main Contact person

Aria Etemad

Ford Research & Advanced Engineering Europe (FFA), Germany

Project Coordinator

aetemad1@ford.com

 + 49 (0) 241-9421-246 

Start date and duration of project

Start: 1st May 2008

Duration: 3 year and 4 months

Start Date and duration of FOT execution

Start: December 2009

Duration: 1 year

Geographical Coverage

European coverage

[page](#)[discussion](#)[view source](#)[history](#)

FOT Glossary

Comment from euroFOT: *This glossary is based on the FESTA glossary, but has undergone notable modifications by the euroFOT partners. euroFOT have been removed. Examples have been added. Everybody is welcome to add or update definitions, but please, when you do so, use the name Dozza ([marco.dozza@volvo.com]).*

- [FOT aka Field Operational Test](#)
- [function](#)
- [system](#)
- [application](#)
- [use case](#)
- [situation](#)
- [situational variable](#)
- [system state](#)
- [scenario](#)
- [test scenario](#)
- [research question](#)
- [hypothesis](#)
- [incident](#)
- [baseline period/phase](#)
- [treatment period/phase](#)
- [baseline within comparison situation](#)
- [treatment within comparison situation](#)
- [performance indicator](#)
- [event](#)
- [sub-event](#)
- [trigger](#)
- [measure](#)

navigation

- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Printable version](#)
- [Permanent link](#)

European project developed methodology for conducting FOTs:

- Systematic research-oriented approach to define tests: research questions, hypotheses and performance indicators
- Data acquisition
- Analysis, evaluation of outcomes and impact assessment

**Handbook of good practice
providing practical guidance**



MORE INFORMATION

Website: www.fot-net.eu

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