EU approach on Field Operational Tests

FOTNET Workshop – Orlando 16/10/11

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Why FOTs? Moving towards deployment

EU funded Research
ICT for Transport

- FP5
  150 M€
  EC funding

- FP6
  205 M€
  EC funding

- FP7
  188 M€
  EC funding, so far

RTD actions have lead to

✓ valuable results, which contribute to the future developments of policy measures

✓ however, introduction of new technology and improved systems in the market is slow
Paving the way for deployment of research results

EU funded Research

FP5

FP6

FP7

Pilots & Demonstrations

CIP Programme

Pilots (CIP)

22 M€

EC funding

FOTs

49 M€

EC funding

Deployment

Preparing for policy decisions to support deployment

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EU funded actions on FOTs

Phase 1: Methodology
- FESTA

Phase 2: FOT on Autonomous Vehicle ICT Systems
- EuroFOT
- TeleFOT
- FOT-Net

Phase 3: FOT Test on Cooperative ICT Systems
- FOT-Net 2
- Drive C2X
- FOTsis
- ITSSv6
- PRESERVE

2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014
---|---|---|---|---|---|---|---
Phase 1: Methodology | Phase 2: FOT on Autonomous Vehicle ICT Systems | Phase 3: FOT Test on Cooperative ICT Systems

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IP | STREP | CSA
Can FOTs make a real contribution towards deployment?

Yes!!

Large-scale FOTs are an excellent way of:

- collecting real data
- making a comprehensive assessment
- fine-tuning the standards
- evaluating the impact
- analysing driver behaviour
- evaluating user acceptability
- providing cost/benefit assessments
- creating awareness
- improving socio economic acceptance
- enhancing the take-up of ICT solutions
Obstacles?

- Critical Mass
- Costs
- Involvement of needed parties
- Technical ones
  - Real conditions
  - Naturalistic Driving
  - ...

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Can FOTs help to reach EU policy goals?

YES, they can… and they do!

By helping the EC:

• to measure the impact on key transport challenges
• to establish the right policy framework
• to identify further investments in R&D
• to obtain sound statistical conclusions
• to create user awareness
• to promote common standards
• to raise the visibility of the contribution of ICT to the quality of life

• …

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Thanks