

Instant Mobility

Future Internet for smart, efficient and green urban mobility



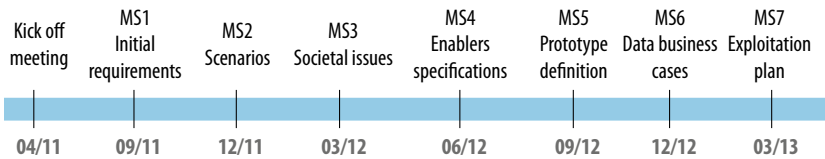
Motivation and Objectives

In the Instant Mobility vision, every journey and every transport movement is part of a fully connected and self-optimising ecosystem in which travellers, goods and collective transport will benefit from personalised and continuous realtime information delivered by next generation Internet technologies. Mobility – especially in cities – will be dramatically improved for users and operators, as interconnected travellers, goods and vehicles will be able to interact in real-time via Internet.

Future Internet technologies will offer accurate positioning, continuous connectivity and a host of personalised online mobility services relying on deep contextual information.

Project Plan, Milestones and Deliverables

This figure summarizes the project milestones for phase one.



Technical Approach

Phase 1 (current project):

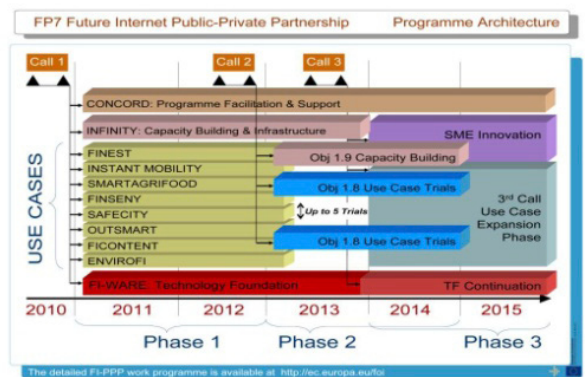
- Define a limited set of two to three critical scenarios implementing the main technology advances forecasted,
- Define an overall platform architecture for a mobility data exchange platform using Future Internet technologies,
- Define the essential modules and algorithms for real-time dynamic planning of travellers and goods transportation.

Phase 2:

- Use Future Internet common technology project results to build the Instant Mobility real time data service platform.

Phase 3:

- Open access and provide service homing for additional services and start large scale demonstrations.



Integrated Safety

Achievements

WP2: Program collaboration: initial definition of requirements toward FI-WARE common technology platform.

WP3: Use Case Scenarios: initial scenarios definition document and first user workshop scheduled.

WP4: Future Internet Enablers: beginning of architecture definition.

WP6: Societal Issues: beginning of studies about acceptability, safety & security.

Budget	8 M€	Funding	5 M€
Duration	24 months	Start	April 2011
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Partners	21 partners + 7 associated, among them CRF, Volvo, Ertico, Navteq, Valeo, Continental, France Telecom, Telecom Italia, Telefonica, CEA, DLR, DHL		
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