Addressing the Challenges
ICT for Transport - RTD in the 6th and the 7th FP

2002
Call 1
Intelligent Vehicles & Mobility Services

2003
Call 4
Moving to Cooperative Systems

2004

2005

2006

2007
Call 1
Intelligent Vehicles & Mobility Services

2008
Call 2

2009
Call 4

2010
Call 5

2011
Call 6

2012
Call 7

2013
Call 8

6th FP

14 projects
80 M€ grant

22 projects
92 M€ grant

Intelligent Vehicles & Mobility Services

Cooperative Systems

Safety & Energy Efficiency in Mobility

Fully Electrical Vehicle

Mobility of the Future

Low carbon multimodal mobility & freight transport

Cooperative Systems for energy efficient & sustainable mobility

7th FP

14 projects
57 M€ grant

12 projects
48 M€ grant

10 projects
Budget: 53 M€

Budget: 20 M€

Budget: 37 M€

Budget: 50 M€

Budget: 40 M€

17 February 2010, Brussels
FP7 & CIP Projects in ICT for Transport
(CIP projects integrated by topics)

EC funding 213.5 M€

ICT for Transport

Contributing to Green Mobility
- eCoMove Elvire
- Ecogem IFM project
- Europtima iTetris
- Sunset PowerUp
- SmartV2G
- Roadidea + Inco
- In-Time

Logistics & Freight
- Euridice
- Logistics4life
- SmartFreight
- FREILOT

Cooperative Systems
- COMeSafety2
- eFrame Rosatte
- Intersafe2
- Nearctis Pre-Drive
- P3ITS COSMO
- Co Cities GeoNet Studies

Field Operational Test
- Drive C2X
- TeleFOT + inco euroFOT
- FOT-Net 1+2
- FOTsis ITSSv6 Festa

Supporting activities
- iCar Support
- iCars Network
- eSafety Challenge SCVP ECOSTAND

Contributing to Safety
- 2Wide_sense Adose Have-it Fnir ARTIC InteractIVe Mosarim ATESST2 Minifaros eValue Saferider ActiveTest HeERO

Security & privacy
- Evita Oversee Preserve Preciosa

EC funding 41.4 M€

Completed projects
Running projects

EC funding 24.9 M€

EC funding 13.8 M€

EC funding 65.3 M€

EC funding 49.9 M€

EC funding 6 M€

EC funding 49.9 M€

EC funding 12.2 M€
Call 8

Objective 6.7
Cooperative Systems for energy efficient and sustainable mobility

- Cooperative Systems for low-carbon multi-modal mobility
- European Wide Service Platform (EWSP) for cooperative system enabled services
- Coordination and Support Actions

IPs, STREPs: 37M€
CSA: 3M€

Call PPP

Objective 6.8
Green Car: ICT for the Fully Electric Vehicle

- Integration of the FEV in the cooperative transport infrastructure
Cooperative Systems based on vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I and I2V) communications are enablers of decarbonised transport

A broad approach is needed where cooperative systems

- foster a holistic, pro-active approach to urban and inter-urban traffic monitoring, control and management
- enable the development of traffic management systems that become proactive predicting traffic flow and volume and taking pre-emptive measures to avoid incidents

Why?

Call 8 IPs, STREPs: 37M€ CSA: 3M€
Target outcome:

a) **Cooperative Systems** for low-carbon multi-modal mobility
   - covering cooperative applications and services for energy efficiency and eco-friendly mobility
   - Focus should be on road transport but projects can address all transport modes

b) **European Wide Service Platform** for cooperative system enabled services
   - aiming at providing to the drivers a large variety of energy efficiency, mobility, comfort and safety related services

c) **Coordination and Support Actions**
Workprogramme 2011-2012 – Call 8
ICT Cooperative Systems for low-carbon multi-modal mobility

- Increase the "time horizon", the quality and reliability of information available to the drivers about their immediate environment, the other vehicles and road users
  - enabling improved driving conditions leading to enhanced safety and mobility efficiency

- Co-operative Systems offer increased information about the vehicles, their location and the road conditions to the road operators and infrastructure
  - allowing optimized and safer use of the available road network, and better response to incidents and hazards.
Workprogramme 2011-2012 – Call 8
European Wide Service Platform (EWSP)
for cooperative system enabled services

Will provide to the drivers a large variety of energy efficiency, mobility, comfort and safety related services

INTERNET OF SERVICES
congestion, green rerouting, emission footprint, charging
data, information, content, services, payment, subscription
access, banking, traffic, transport, logistics
contacts, agenda, calendar, documents, files, media, entertainment

INTERNET OF THINGS

INTERNET OF USE
in traffic, in transit, in terminal, in house, at leisure, at home, in office
convenient, personal, community, cafe, environmental
Expected Impact

- Decarbonisation of transport
- Significant improvements in energy efficiency and environmental friendliness of transport and mobility in Europe
- Improving the competitiveness of the European transport industry as a whole
- World leadership of Europe's automotive industry in the area of Cooperative Systems
- Opening new markets for mobility, safety, energy efficiency and comfort services in Europe
- Ensuring market leadership by Europe's industry in green products and services