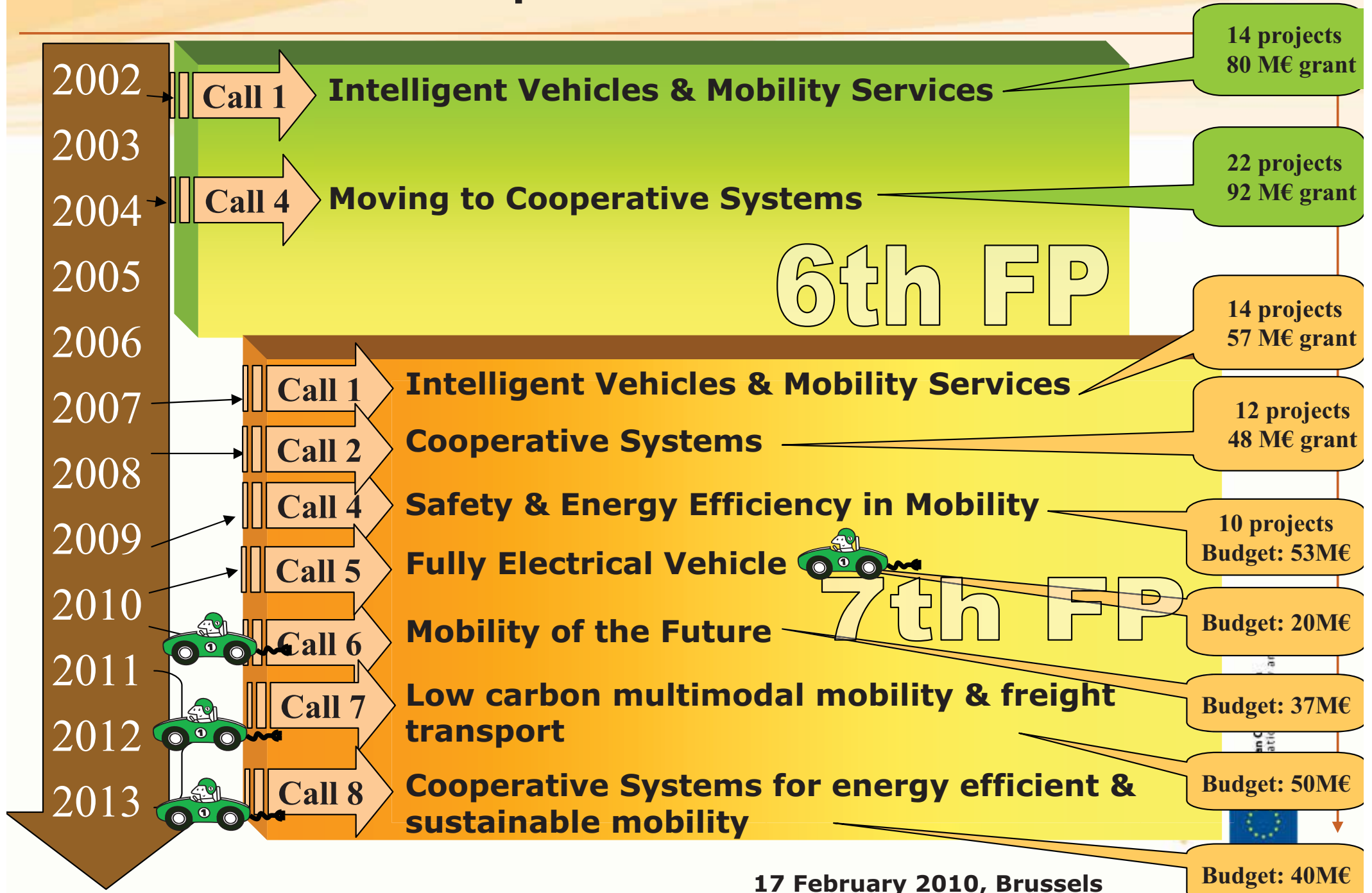
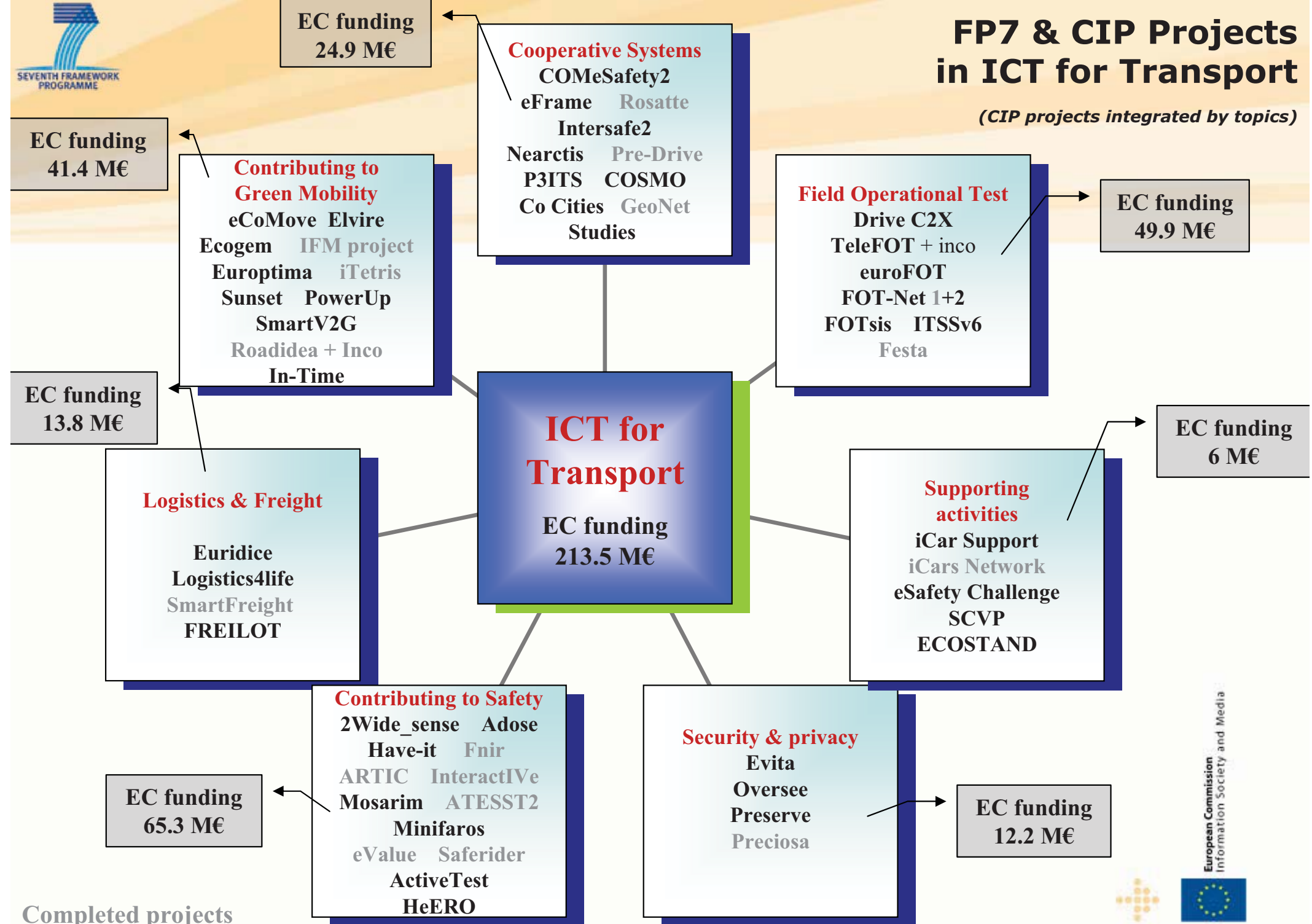


Addressing the Challenges

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



(CIP projects integrated by topics)



Completed projects
Running projects

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



Workprogramme 2011-2012 – Call 8

Cooperative Systems for energy efficient and sustainable mobility

Why?

- 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

Target outcome:

IP
STREP

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*

IP
STREP

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*

CSA

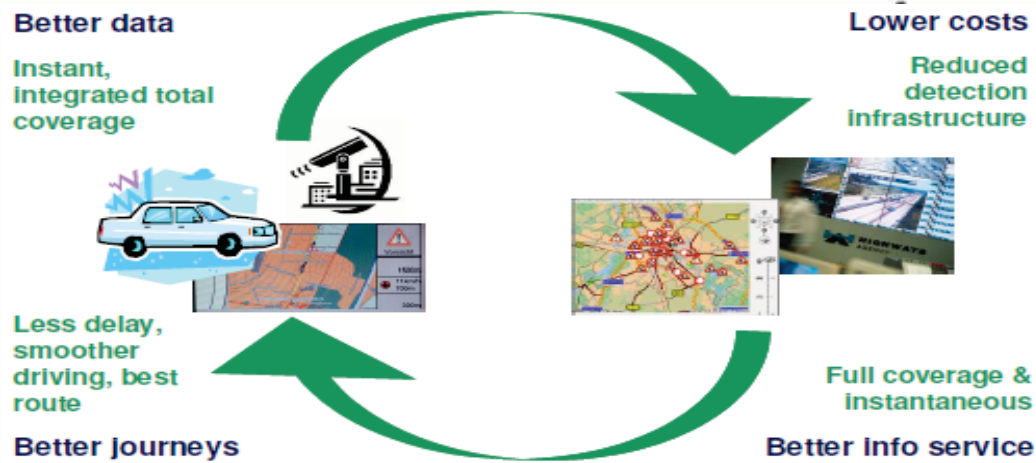
c) Coordination and Support Actions



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

e w s p
EUROPEAN WIDE SERVICE PLATFORM

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

Workprogramme 2011-2012 – Call 8

Cooperative Systems for energy efficient and sustainable mobility

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

