



***Transport – Timelines,
deadlines and Potential
Opportunities***

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***UK FP7 Surface Transport
NCP***

Surface Transport 5th Call

- ❑ Group No 1: Increasing railway capacity - € 24.00 million
- ❑ Group No 2: Ensuring safe, green and competitive waterborne transport
- € 24.00 million
- ❑ Group No 3: Implementing research for the 'European Green Car Initiative'
- € 37.04 million
- ❑ Group No 4: Activities and research areas of cross-cutting character. They include: ensuring sustainable urban mobility, improving surface transport through ITS, and safety and security - € 27.00 million
- ❑ Horizontal Actions - € 10.00 million
- ❑ DG MOVE - € 26.00 million

Publication: 20 July 2011

Deadline: 1 December 2011 [1 March 2012 – DG MOVE]

Surface Transport 6th Call [Issues Paper – Priorities]

‘European Green Cars Initiative’

- Development of electric vehicles for road transport;
- Medium and long distance road transport;
- Logistics and co-modality

Increasing railway capacity.

- Competitiveness and transport efficiency,
- Enhancing attractiveness to users (reliability and convenience) whilst increasing railway capacity.

Improving the efficiency of waterborne transport.

- Reduction of ship emissions through energy systems integration
- Safety aspects taking greening aspects into consideration.
- Increasing competitiveness focusing on automatic manufacturing techniques
- Facilitation of e-Maritime solutions for the maritime transport sector
- Innovative technologies to better assess and mitigate impact of maritime transport on the marine environment

Surface Transport 6th Call [Issues Paper – Priorities]

Ensuring sustainable urban mobility.

- Developing links between private and public passenger transport and long-distance and local distribution of freight
- Developing concepts to adapt the performance of transport systems to increased mobility demand, especially in the context of large events or following severe and acute weather problems

Improving surface transport through Intelligent Transport Systems.

- Cooperation with ICPCs and European Neighbourhood countries
- Further development and demonstrations to support the policy framework established by the *ITS Directive and Action Plan*

Publication: July 2012 ?

Deadline: December 2012 ?

Transport in Horizon 2020

Three pillars:

- societal challenges
- competitiveness
- science base

Transport is one of the major societal challenges:

- Health, demographic changes and wellbeing
- Food security, sustainable agriculture and the bio-economy
- Secure, clean and efficient energy
- Smart, green and integrated transport**
- Climate action and resource efficiency
- Inclusive, innovative and secure societies

Smart, green and integrated Transport

The challenge is to achieve a :

- resource-efficient,
- environmentally-friendly,
- safe, secure,
- seamless,
- performing transport system

for the benefit of all citizens, the economy and society

Rationale

Transport

- as a major economic asset for Europe
- as a driver for competitiveness and growth
- as a tool to foster the integration of the single market
- as a strong global competitor, facing new threats
- as enabler for an open and inclusive society
- as source of pollution and climate change

Research & Innovation

- to increase efficiency and value added, improve competitiveness
- to decouple economic growth and adverse impacts of traffic
- to make electric vehicles a fully viable option
- to promote intermodality and effective alternatives to road transport
- to develop quieter, safer, more efficient vehicles/vessels/aircraft
- to accelerate the deployment of intelligent transport technologies and systems

Challenges and solutions

Resource efficient transport,
that respects the environment

GREEN

Better mobility, less
congestion, more safety and
security

INNOVATIVE

INTEGRATED

Global leadership for the
European transport industry

SEAMLESS

COMPETITIVE

Evidence-based policy for the
long term

SMART

Next Steps (tentative)

- ❑ 30 Nov. 2011 : Commission adopts Horizon 2020 for R&I
- ❑ 6 Dec. 2011 : Competitiveness Council: presentation, first discussion
- ❑ 2012-early 2013 : EP and Council deliberations
- ❑ 1st semester 2013 : EP and Council decisions
- ❑ 2nd semester 2013 : first calls

Surface Transport

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<https://ktn.innovateuk.org/web/surface-transport>

<https://ktn.innovateuk.org/web/green-car-initiative>