



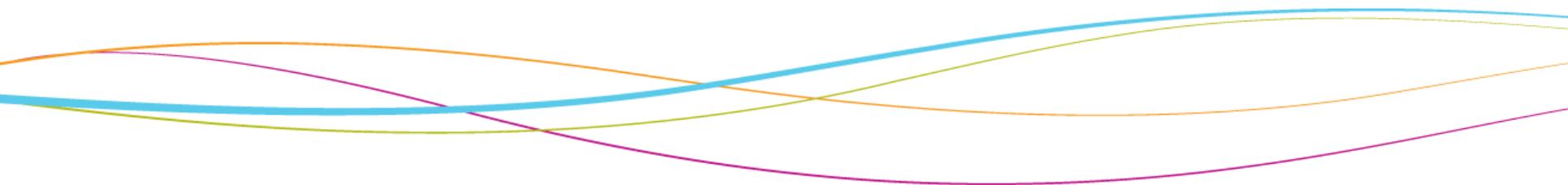
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FOR INNOVATIVE TRANSPORT SOLUTIONS

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## *How can we be better?*

Improving quality of parking management  
to manage and balance urban transport  
demand.

European transport policy and research

- 
- **Polis and parking**
  - **European policy**
  - **European research**

# What is Polis ?

Network

Exchange of experiences

65 European cities & regions

European Projects

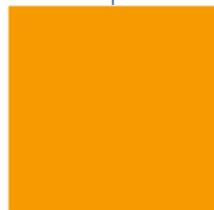
Innovation

European Institutions

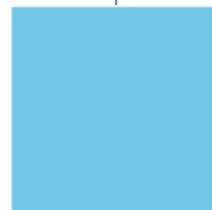
Sustainable urban mobility



environment  
& health



mobility  
& traffic efficiency



safety  
& security



economic  
& social aspects



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# Activities

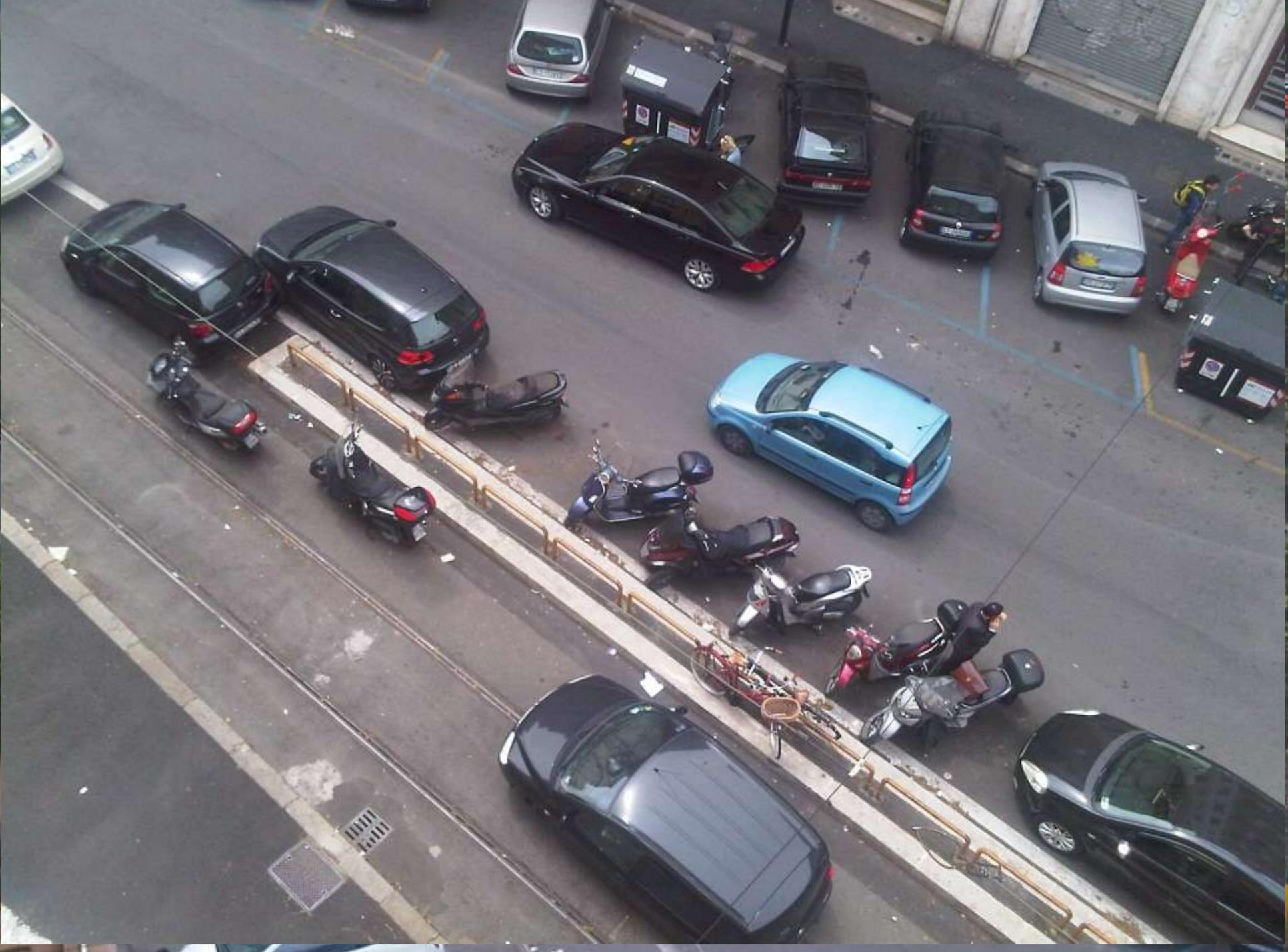
Exchange between members



Dialogue other actors



Member driven



# Why do we talk about parking?

- **Flow? ... Destination!**
- **Abundance of attention for tolling solutions**
- **A known solution, with European wide practice, and a European industry**
- **Trustworthy investment for public and private stakeholders**

# Polis & parking

- **Why & where do we come from ?**
  - Financing
  - Demand management
  - Space allocation
  - Planning & governance



# EU Policy – White Paper

## Roadmap to a Single European Transport Area - Towards a competitive and resource efficient transport system

- **No more conventionally-fuelled cars in cities.**
- **A 50% shift of medium distance intercity passenger and freight journeys from road to rail and waterborne transport.**
- **All of which will contribute to a 60% cut in transport emissions by the middle of the century.**

# White Paper: Urban mobility activities envisaged

## 32. An EU framework for urban road user charging

- Parking as essential part of the EC's preparatory study
- Hybridisation/combination of parking and access restriction policies in terms of planning, billing, technology etc.
- Need to watch EETS (vehicle / person based application)

## 33. A strategy for near- 'zero-emission urban logistics' 2030

- Kerb space management
- Advanced solutions such as reservation of slots, shared use etc.
- Off street facilities used for logistics purposes

## 31. Urban Mobility Plans

(see next slide)

# SUMP and parking

The following elements can be included in an SUMP:

## Accessibility:

- Where can vehicles go in the city, where do they park?
- Traffic volume for people and goods

## Environment:

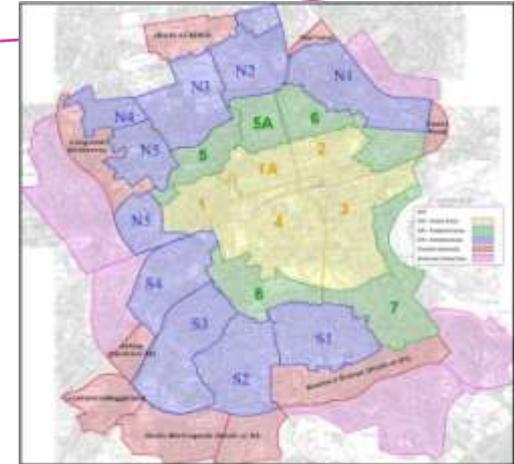
- Where can vehicles go in the city?
- Promotion of clean vehicles through tariffs
- Enabling electric vehicle charging

## Liveability:

- Residential parking schemes
- Reduction of search time and search traffic

## Enabling economic development:

- Accessibility planning of new developments, including a rational number of parking lots
- Accessibility of shopping, touristic destinations (coaches)
- Management of parking for specific large events



# ITS Action Plan & Directive

- **Polis represented in Urban ITS Expert Group established by DG MOVE**
- **Directive 2010/40/EU: 'Framework for the Coordinated and Effective Deployment and Use of Intelligent Transport Systems'**
  - Establishing a framework for coordinated and effective deployment and use of ITS
  - Setting common priorities
  - Development of specifications and standards focused on interoperability and continuity
  - ITS high Level Advisory Group



**EU-wide Multi-Modal Travel Information**



**EU-wide Real-Time Traffic information**



**Free safety-related minimum Traffic Info**



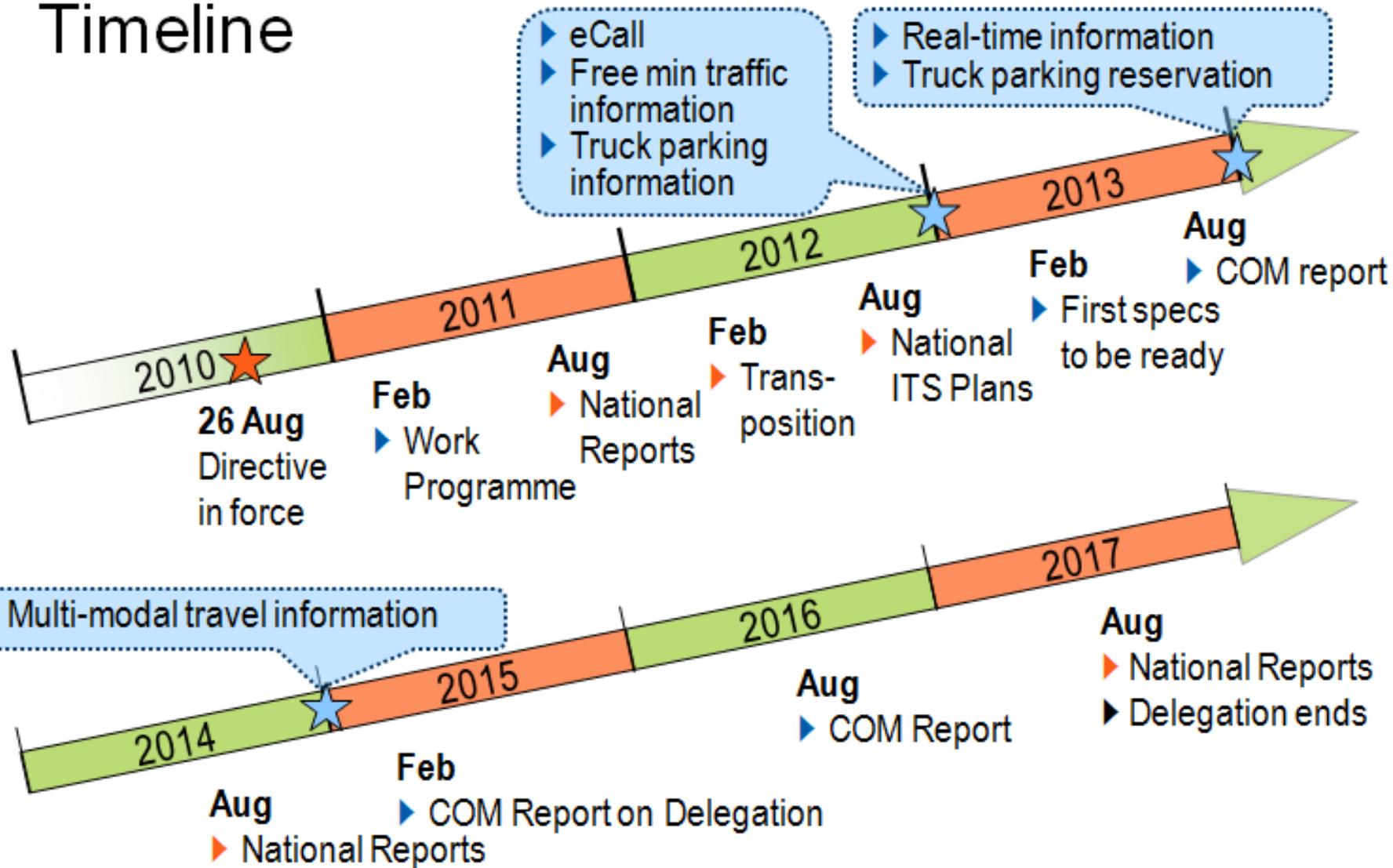
**Interoperable EU-wide eCall**



**Information & Reservation systems for Truck Parking**



# Timeline

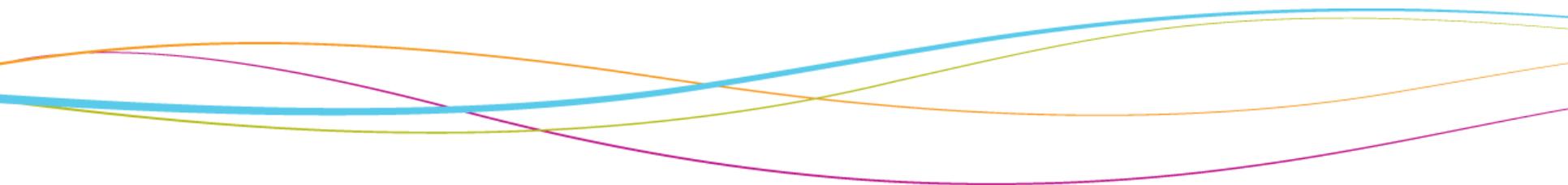


Directorate-General  
 for Mobility  
 and Transport



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- 
- **Trans European Transport Networks**
  - **Strategic Transport Technology Plan**
    - Parking / logistics
  - **Clean Transport Initiative**
    - Guidelines / requirements for on street electric charging points



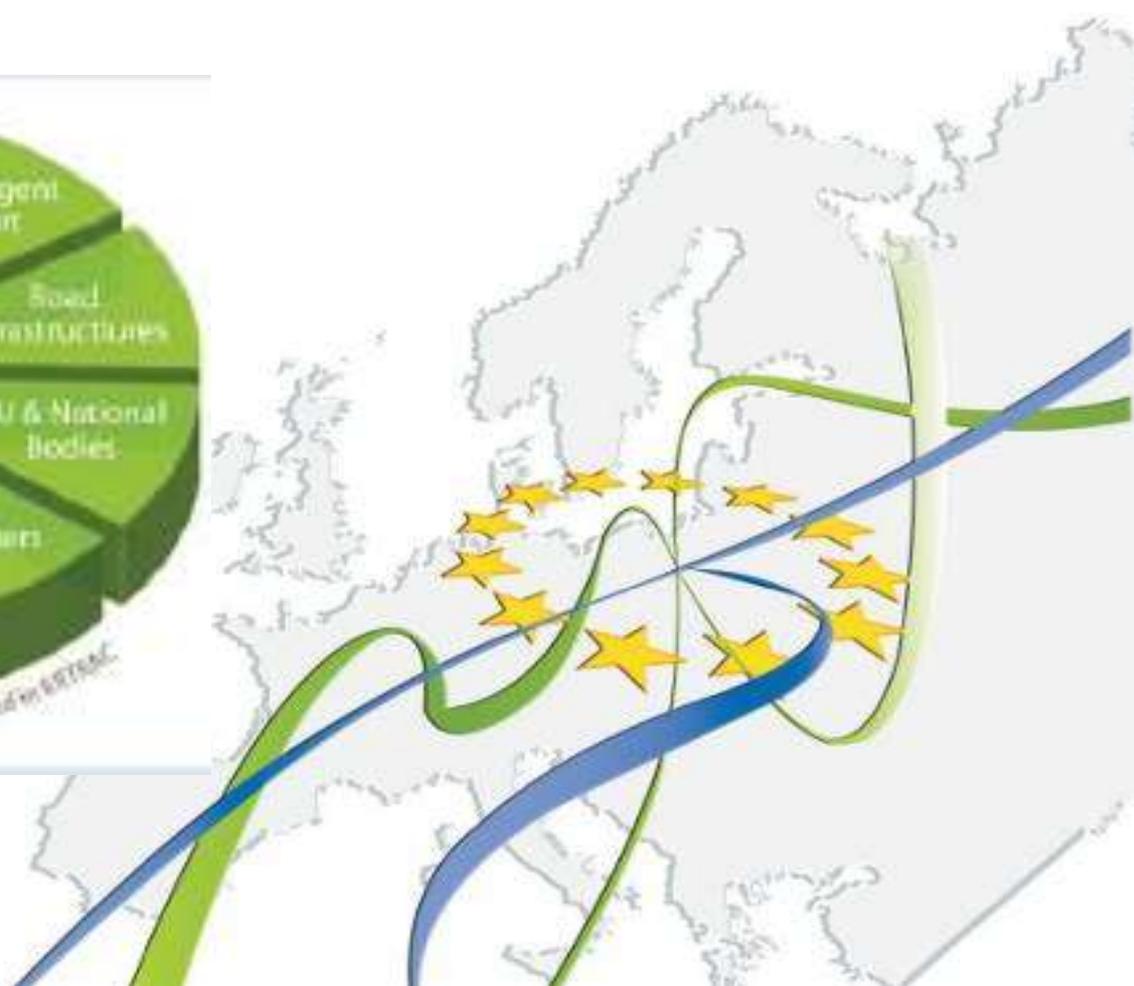
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# Parking in European Research Activities ?



# The European Road Transport Research Advisory Council

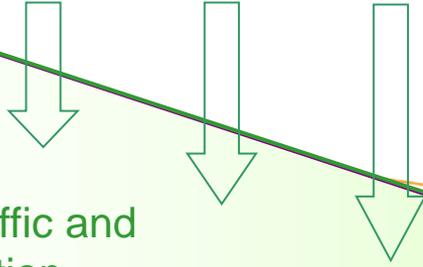




# Research roadmaps – urban mobility working group

- **Towards an integrated urban mobility system**
- **Land use and transport interactions**

Enabling technologies



Urban mobility research roadmaps

Integrating traffic and travel information

Integrating payments and charges

Understanding the road user behaviour

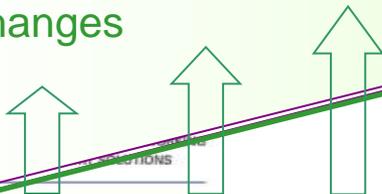
Integrating urban mobility management

European Bus System of the Future

Towards a sustainable integrated urban mobility system

Interfaces and services for an efficient urban freight delivery system

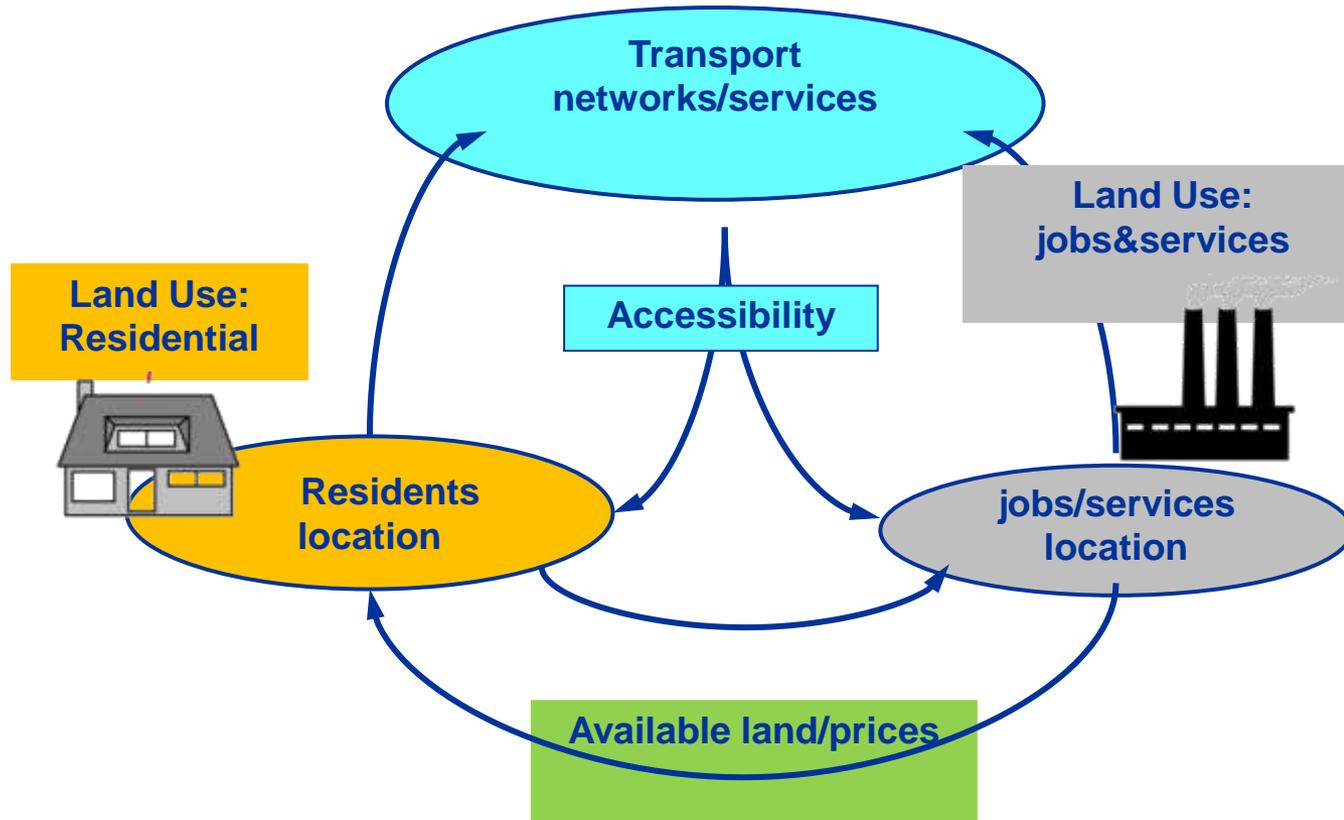
Interchanges



Enabling technologies



# Research roadmap – land use and transport interactions



# TIDE – Transport Innovation Deployment for Europe

- **New European project to kick off in October 2012, coordinated by Polis**
- **enhance the broad transfer and take-up of 15 innovative urban transport and mobility concepts throughout Europe and make a visible contribution to establish them as mainstream measures**
- **15 innovative measures in five thematic clusters:**
  - **financing models and pricing measures (including parking) (1),**
  - **non-motorised transport (2),**
  - **network and traffic management to support advanced traveller information systems (3),**
  - **electric vehicles (4)**
  - **public transport organisation (5)**
- **Budget for 10 cities/regions to join as subcontractors and develop implementation plan for one or more of the innovative measures**



## Training

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# More information

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