

# **Stakeholders meeting on the deployment of ITS and vehicle technologies to improve road safety**






















8 March 2013

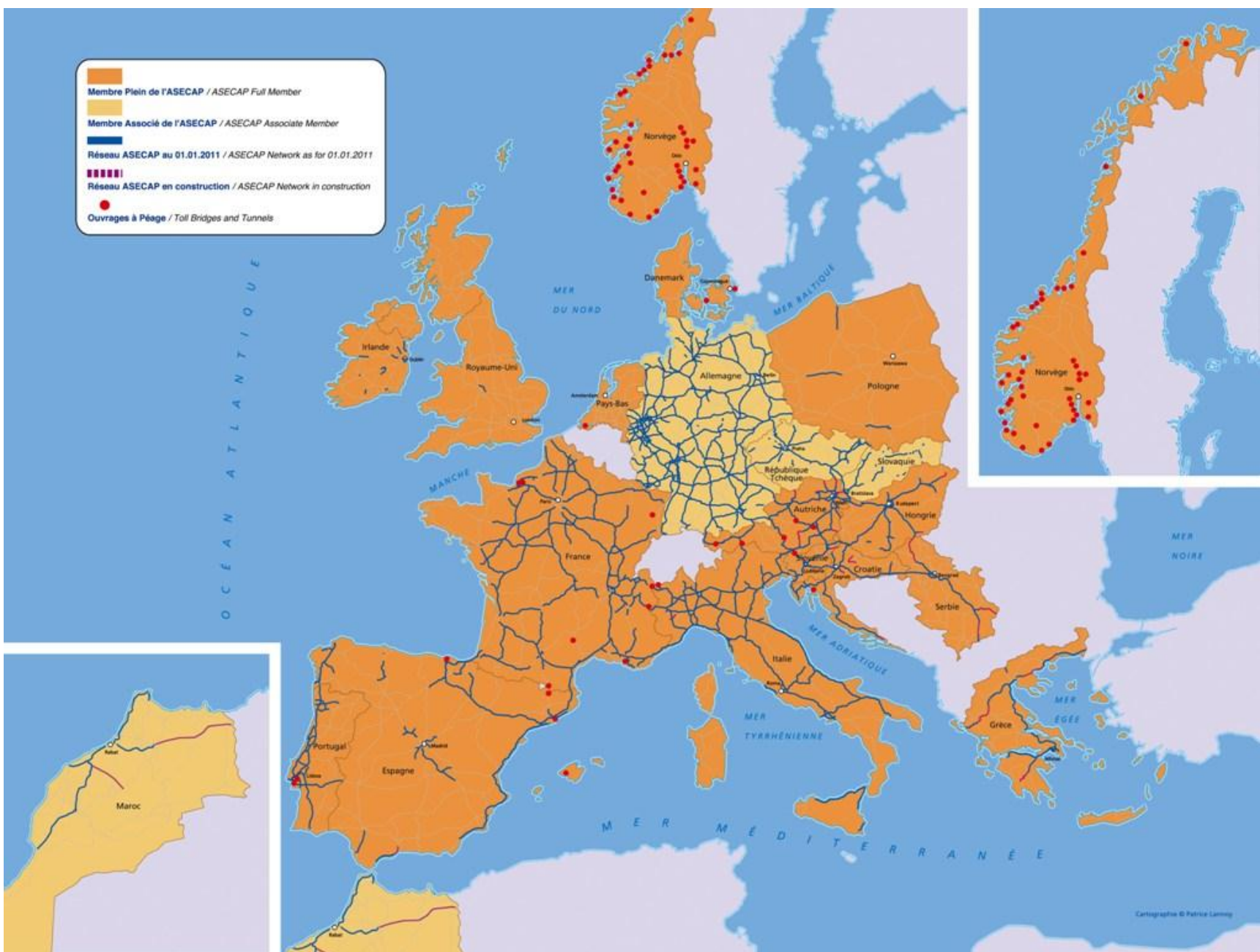
**Industrial context:  
Road infrastructure operator perspective**

Kallistratos DIONELIS  
ASECAP Secretary-General

# ASECAP

- **European Association of Operators of Toll Road Infrastructures**
- Pan-European dimension: members' network of about **45.000 km** of motorways, bridges and tunnels, across **21 countries**; large part of the **Trans-European Road Network**.
- ASECAP's mission is to promote **tolling** as the most efficient tool to finance the construction, operation and maintenance of motorways and other major road infrastructures.

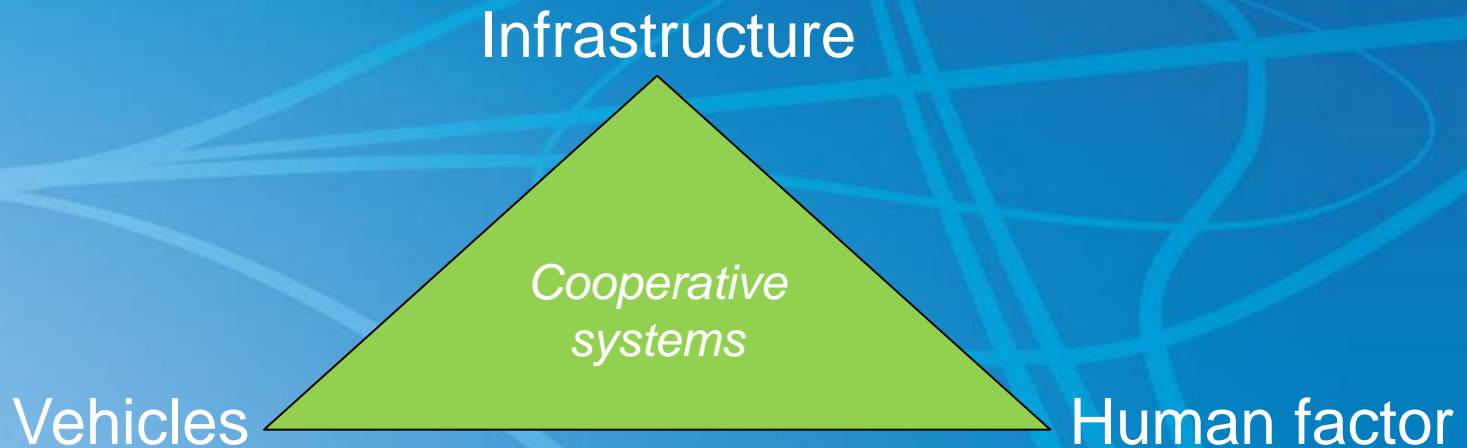
ASECAP full members (16)			Total network (168 companies)		45.030 km
Country	Member	Km	Country	Member	Km
Austria	 ASFINAG	2.175,7	Poland	 Autostrada Wielkopolska	468
Croatia	 HUKA	1.250,7	Portugal	 apcap	1.782,7
Denmark	 Sund≡Bælt	34	UK		42
Spain	 ASETA	3.404,01	Serbia	 PUBLIC ENTERPRISE ROADS OF SERBIA	603
France	 ASFA ASSOCIATION PROFESSIONNELLE AUTOROUTES ET OUVRAGES ROUTIERS	8.886,91	Slovenia	 DARS Povezujemo Slovenijo	606,6
Greece	 740 AE	1.658,5	<b>ASECAP associate members (5)</b>		
Hungary	 AKA MS MOTORWAY	1.111,4	Germany	 TOLL COLLECT service on the road	12.812
Ireland	 ITIA Irish Towing Industry Association	337	Morocco		1.416
Italy	 Aiscat	5.689,3	Slovak Rep.	 NÁRODNÁ DIAľNIČNÁ SPOLOČNOSŤ	418,1
Norway	 NORVEGFİNANS	894	Czech Rep.	 kapsch >>>	1.348,5
Netherlands	 TUNNEL WESTERSCHELDE	20	Russia	 AVTODOR RUSSIAN HIGHWAYS	72



ASECAP network (2011 map)

# COOPERATIVE SYSTEMS: I2I, I2V, V2V

- Dynamic interaction between **vehicles, infrastructure and users:**



- Improved service to the user/citizen requires appropriate **coordination and cooperation**, following a market-oriented approach.

# ITS DEPLOYMENT: FOLLOW THE VALUE CHAIN

- **Main links:**
  1. States (regulate)
  2. Infrastructure (managed by operators)
  3. Vehicles (constructed by competitors)
  4. Users (driving the vehicles on the infrastructure)
- **Product: transport service** (quality – cost)
- After regulation (what service the policy-makers wish for society), the **market:**
  - What service can the producers provide ?
  - What service are the consumers ready to pay for?

# Vehicle technologies for road safety

INCIDENT

SOLUTION

TIME

Infrastructure Operation

Knowing what happens on the road

Possible **input** vehicle

Planning and organization

Intervention

Possible **prevention** vehicle

HOW?

# Thank you for your attention

[www.asecap.com](http://www.asecap.com)

**Kallistratos DIONELIS**  
**Secretary-General**