

# How ITS can contribute to urban freight efficiency

Innovation in Road Transport, 2.10.2009  
Opportunities for Improving Efficiency



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# Presentation overview

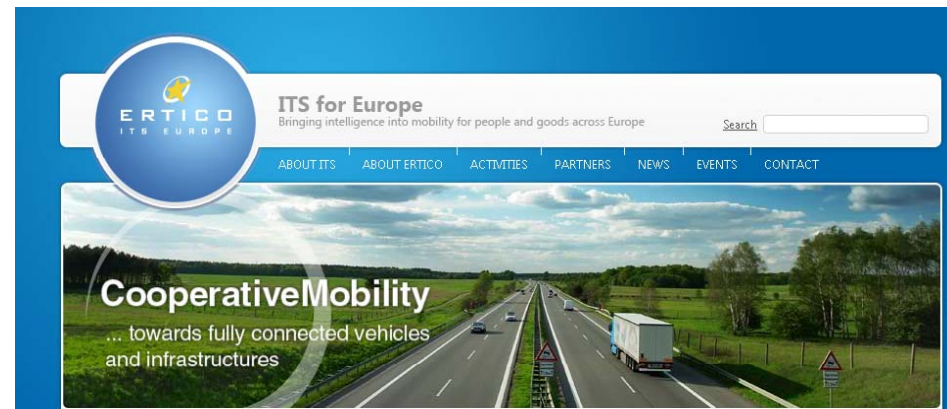
- Goods transport activities at ERTICO
- Quantifying the benefits
- Bases for successful pan-European deployment – Open platform
- Future developments



# ERTICO - ITS Europe

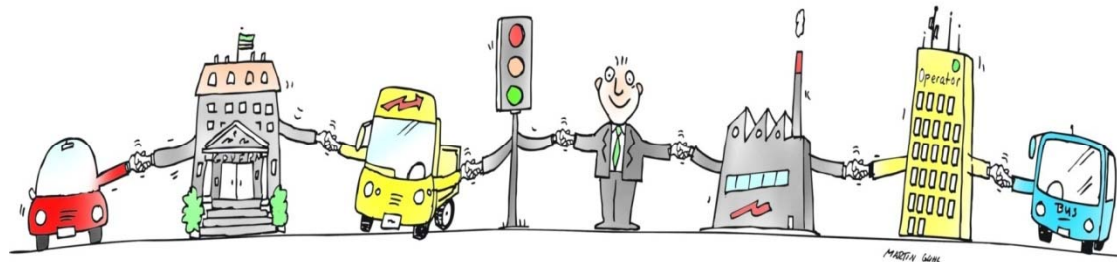
Public-private, multi-sector partnership with over 100 Partners from:

- Industry
- Infrastructure Operators
- Public Authorities
- Users
- Industry associations
- Research institutes
- Technology centers



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to promote ITS in Europe.

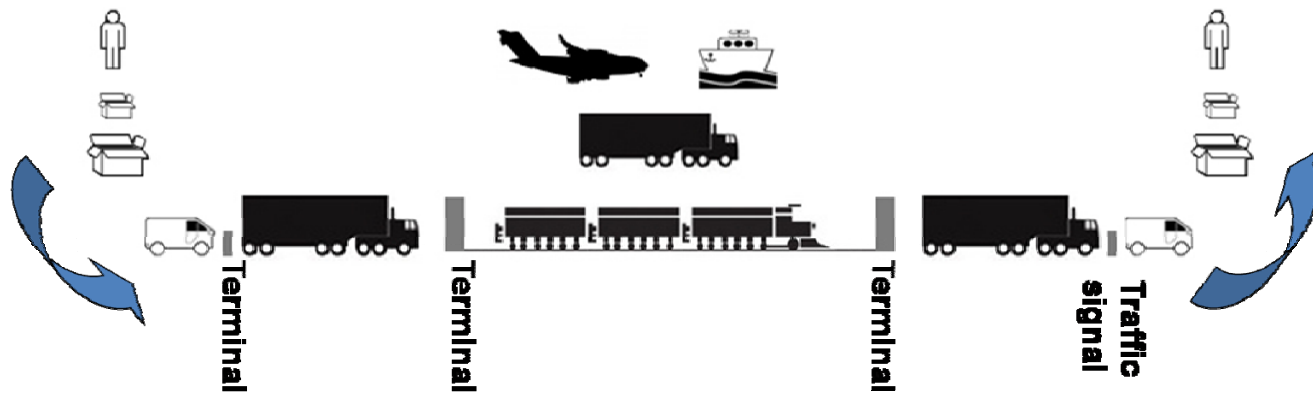


# Goods transport activities at ERTICO

... towards increased efficiency of goods transport in Europe

ERTICO Partner Topic Group on Goods Transport is working on creating a roadmap for deploying goods related ITS services in Europe.

Core group comprises: IRU (convenor), Volvo, Logica, Satellic, Oracle, CRF (representing IVECO), CERTH...



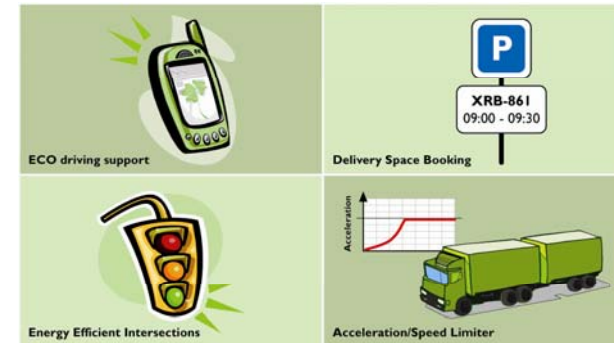
# Quantifying the benefits



## FREILOT – a pilot on urban freight energy efficiency

During 1-year of operational driving measure and quantify the energy saving benefits from:

- Eco-driving support
- Adaptive acceleration/speed limiters
- Energy enhanced intersection control
- Dynamic management of delivery bays



Other measures of success:

- Sustainable after-pilot operation
- Involve additional stakeholders (cities/fleet operators)



FREILOT - ENERGY EFFICIENT URBAN FREIGHT

# Quantifying the benefits

To live up to the full potential of ITS  
cooperation between stakeholders is needed!

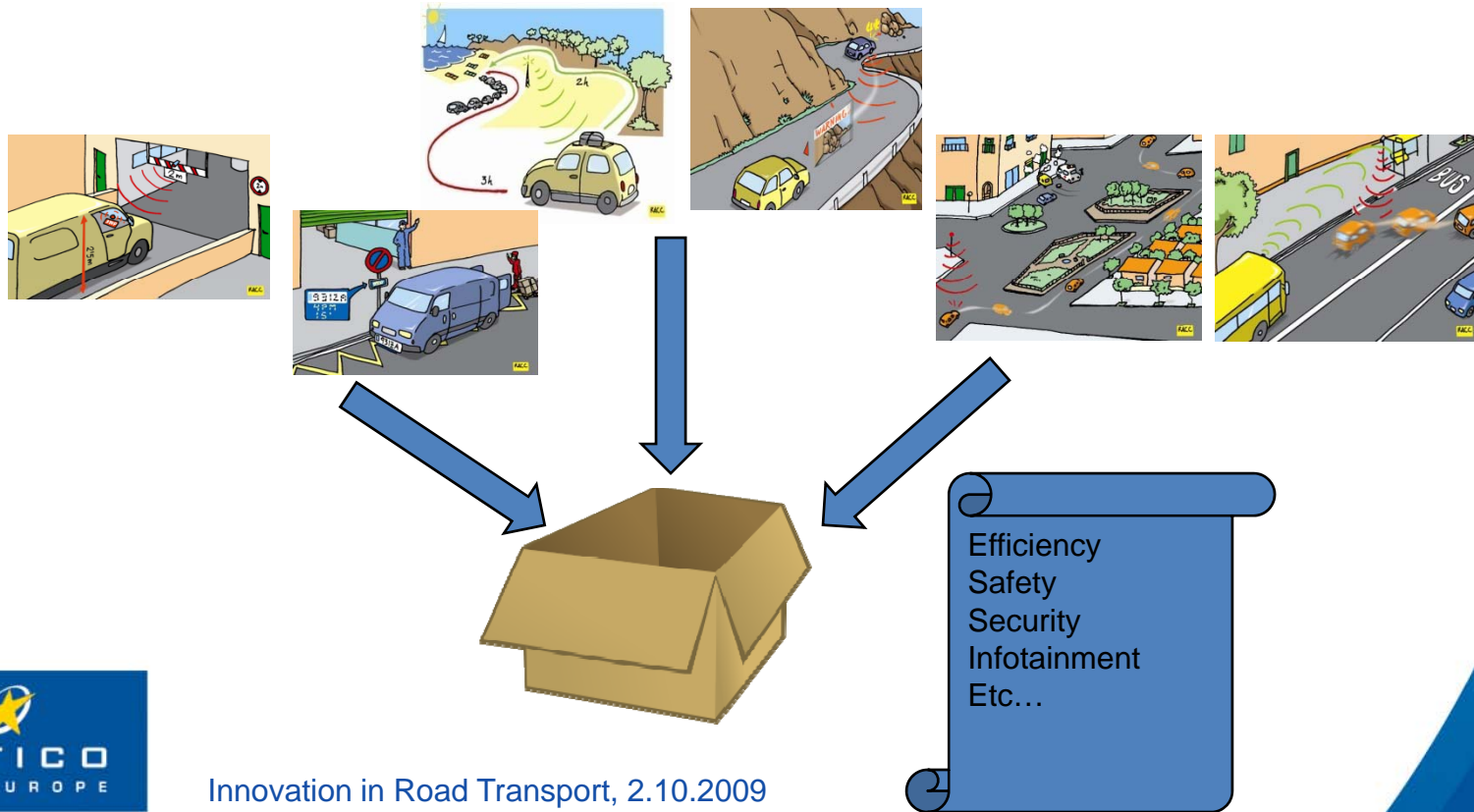


FREILOT - ENERGY EFFICIENT URBAN FREIGHT

# Bases for successful pan-European deployment



project has developed an **open reference platform** for cooperative applications and services





# Bases for successful pan-European deployment



CVIS reference platform anno 2010



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## Future development

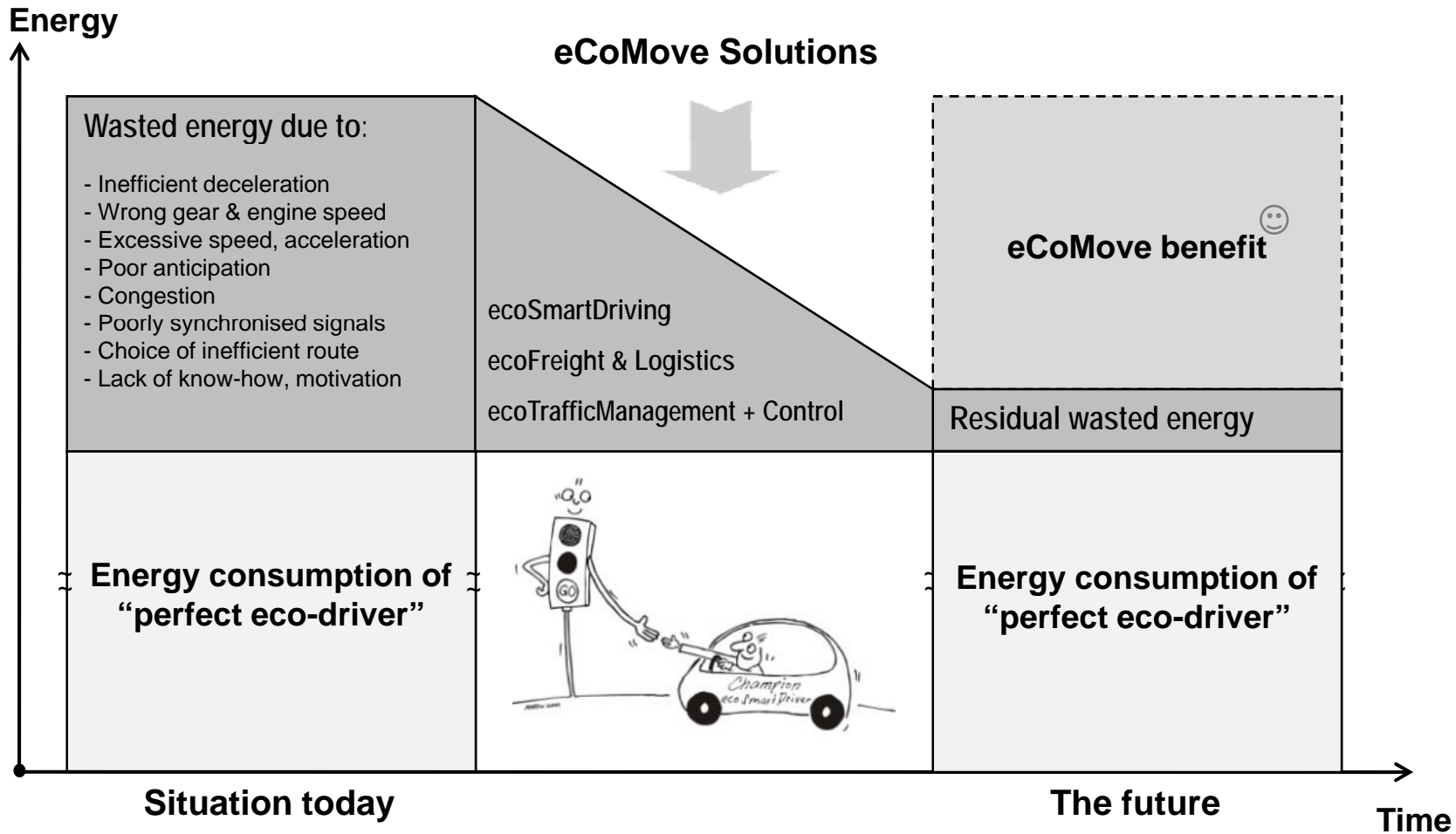


### Goals

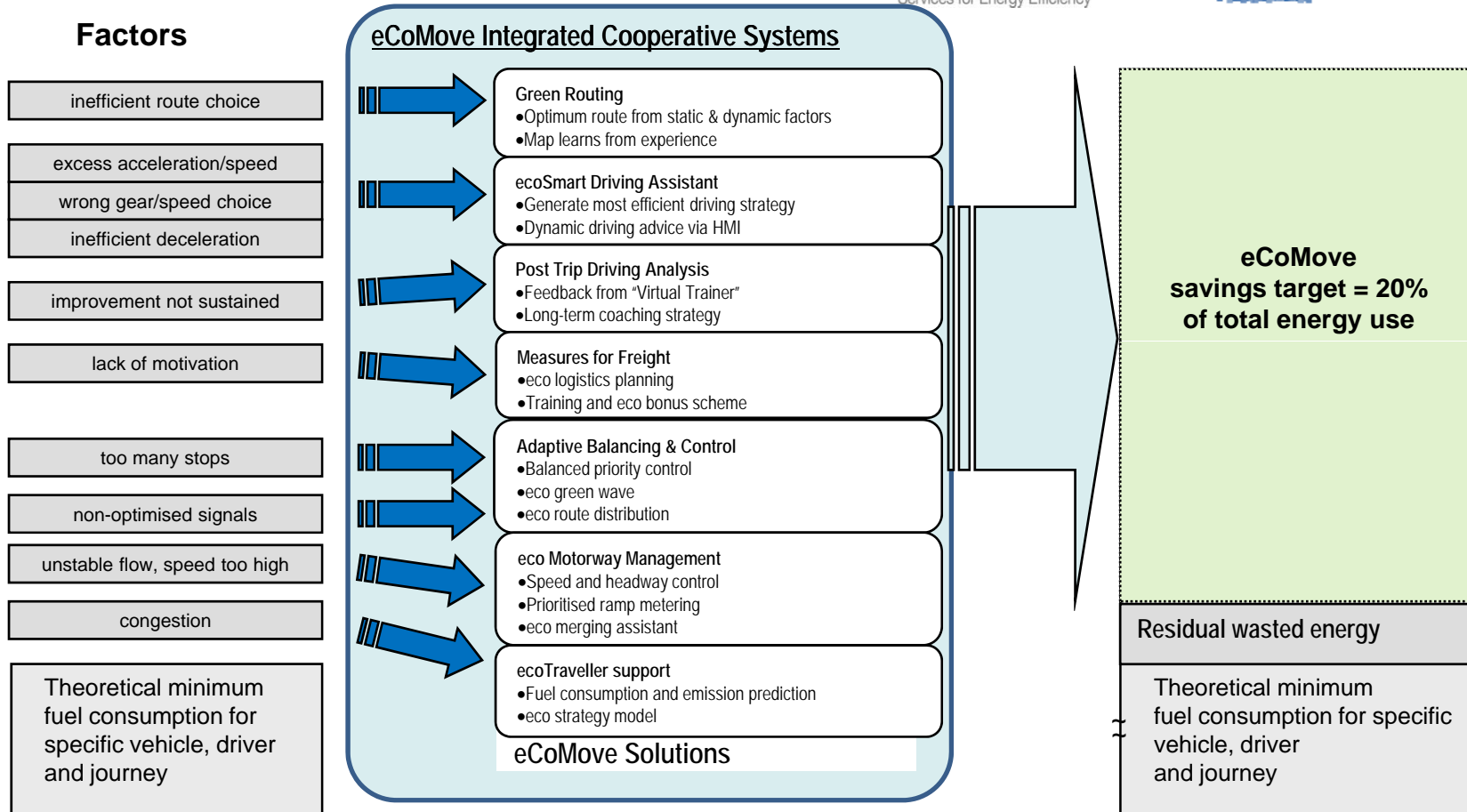
To develop a combination of cooperative systems and tools using V2V and V2I communication to help:

- drivers sustainably eliminate unnecessary fuel consumption,
- road operators manage traffic in the most energy efficient way
- fleet managers to provide incentives to drivers to save fuel, and most economical vehicle management

# Future development



# Future development



Situation today

The future



# Thank you for your kind attention!

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