

Urban Freight Energy Efficiency through ITS

Thessaloniki, 22nd of September 2014

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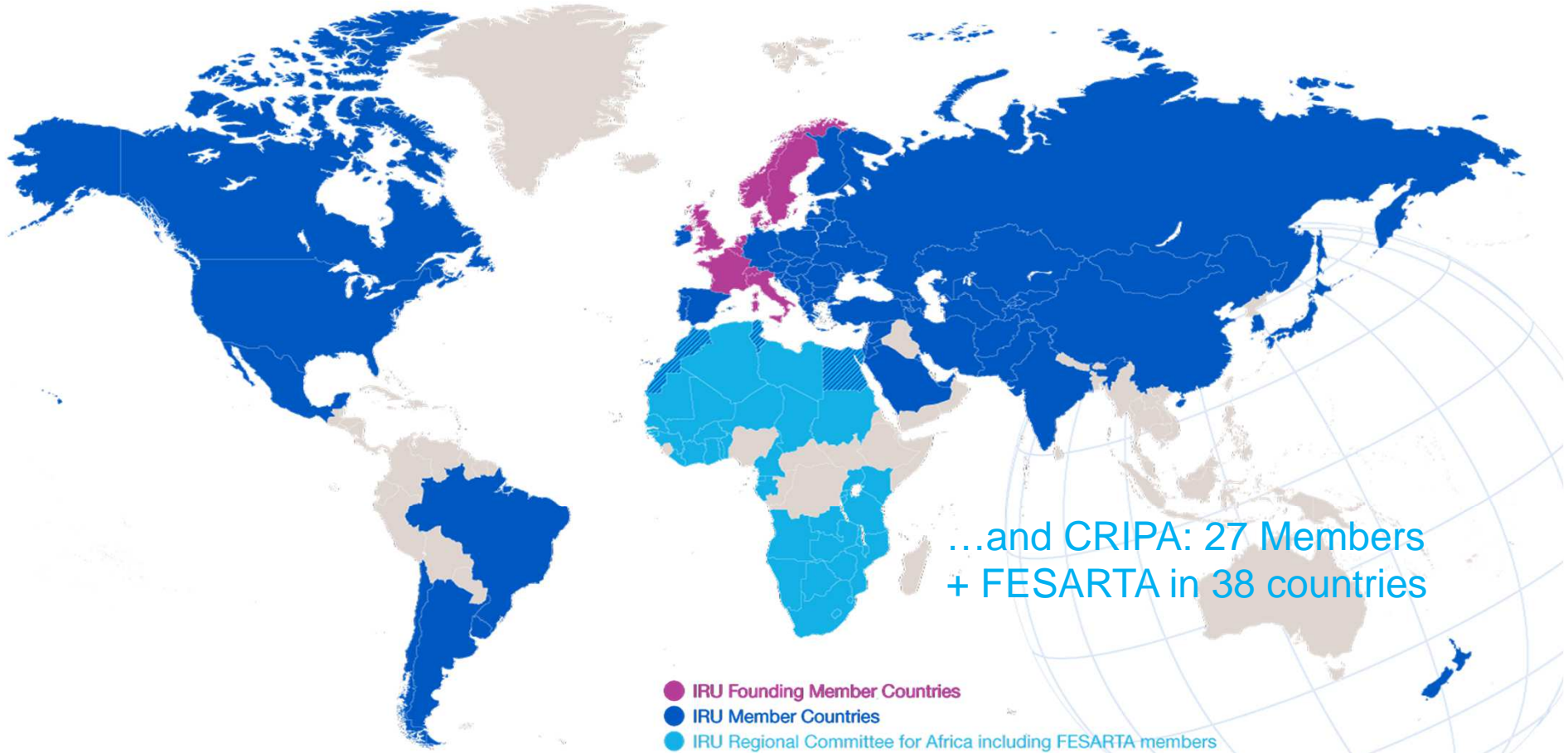




Projects

WORKING WITH FLEETS WORLDWIDE

through cooperation with the International Road Transport Union (IRU)

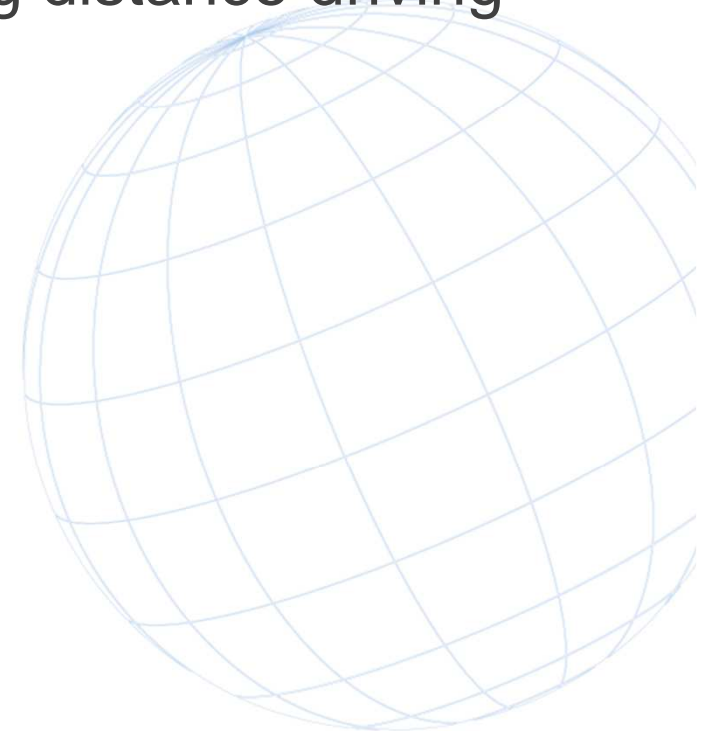


1948: eight founder countries

2014: 170 Members in 75 countries

Current status:

- High uptake of ITS amongst large fleets
- High uptake on vehicles aimed for long distance driving

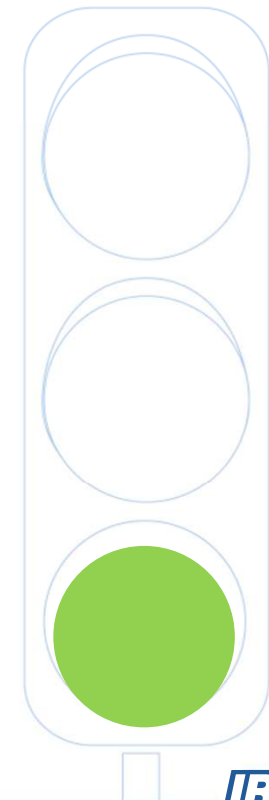


The first (CIP) pilot focusing on cooperative ITS (C-ITS) with the objectives to:

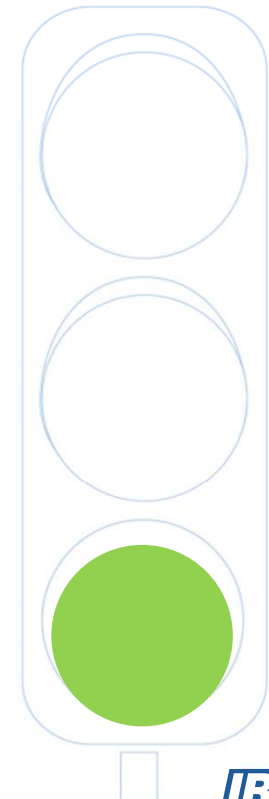
- Prove that significant fuel savings can be made through ITS
- Ensure after-project life
- Expand the piloted services to more fleets, cities, etc...

through a holistic approach →

Bilbao, Helmond, Krakow & Lyon



- Cooperation between partners is essential (win-win approach)
- Priority and speed advice at intersections can save 14% of fuel
- Eco-driving, supported by ITS brings 8-12% fuel savings
- Plan for after-project life from day 1 addressing already even
 - organisational and business aspects
- Support to pan-European implementation is needed
 - Compass4D
 - MOBINET
 - Co-gistics



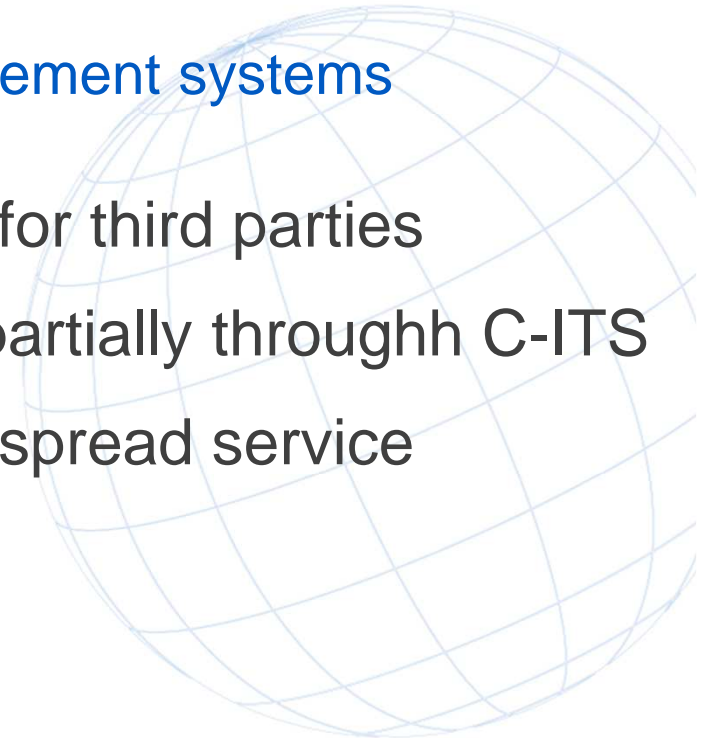
Cost of on-board units

- Equipment suppliers cannot expect that fleet operators will pay excessive costs
- Low penetration of equipped infrastructure
- Integration into OBUs for fleet management systems

Access to on-board units and services for third parties

Lack of interoperability – to be solved partially through C-ITS

Willingness to invest depends on wide spread service availability



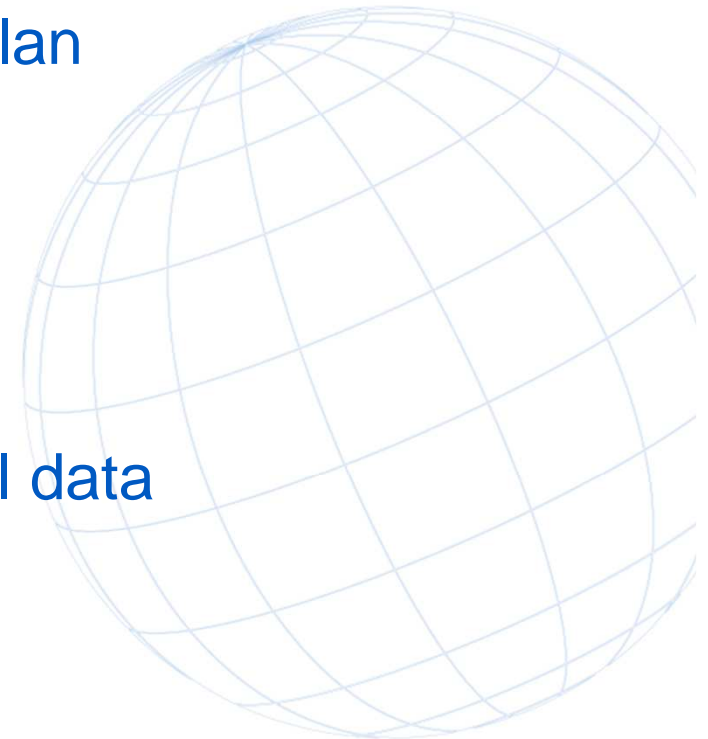
Fleet operators are strongly in favour of freight transport ITS, as long it:

- provides safety, environmental and economic benefits
- responds to real needs of the market
 - **Involve users/customers from Day 1!!!**
- is standardised, harmonised and interoperable
- must be used, if possible, on a voluntary basis;



Any coordinated action on ITS applications should:

- focus on deployment of proven solutions
- include a solid business case
- include incentives in the business plan
- incorporate the necessary training
- ensure freedom of choice
- link to transport documents
- ensure confidentiality of commercial data



For any question:

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