



Updating the Strategic Research Agenda on ICT for Mobility: "ICT for low-carbon, multimodal transport logistics"

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[SRA ICT for Intelligent Mobility - Research areas

- Sustainable Road Transport
- Sustainable Urban Mobility
- Road Transport Safety
- ICT and the Decarbonisation of Transport
- Deployment
- Horizontal Issues



[SRA ICT for Intelligent Mobility - Areas related to freight transport



- Sustainable Road Transport
 - Road Users
 - Vehicles
 - Transport Services
 - **Logistics Services**
 - Road Operators



[SRA ICT for Intelligent Mobility – Areas related to freight transport



- Sustainable Urban Mobility
 - Data collection
 - Analysis of the state of the transportation network
 - Integrated transportation networks
 - **Urban mobility of goods**



[ICT work programme - Challenge 6



- ICT for a low carbon economy
 - Smart Energy Grids
 - ICT systems for energy efficiency
 - ICT for efficient water resources management
 - ICT for energy-efficient buildings and spaces of public use
 - ICT for energy-positive neighbourhoods



[ICT work programme - Challenge 6



- ICT for a low carbon economy (continued)
 - **Low carbon multi-modal mobility and freight transport**
 - Cooperative Systems for energy efficient and sustainable mobility
 - ICT for fully electric vehicles



[Low carbon multi-modal mobility and freight transport

- **Technologies and services for multi-modal freight and logistics**
 - Integration of different transport modes
 - Interoperable logistics management and tracking systems
 - Intelligent Cargo systems: real-time process and status information
 - Increased transport efficiency



[ICT for clean and efficient multi-modal mobility

- **Better energy efficiency and reduction of CO₂ emissions**
 - Energy efficient driving and driver behaviour adaptation
 - Environmentally aware route and access planning
 - Impact assessment methodologies



[Expected impact

- Low-carbon products and services, enhancing Europe's competitiveness in global markets
- Improvements in efficiency and environmental friendliness of mobility and transport in Europe
- Target: 25% reduction of GHG emissions in transport
- Integration of Intelligent Cargo into the multi-modal transport infrastructures
- Increased market size for ICT-based mobility and transport services in Europe and worldwide