

EPN Consulting

The European Professionals Network



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ENGLISH VERSION

Intelligent Transport Systems & Sustainable Transport Capabilities (non-exhaustive list)

ITS applied to Urban Transport

- Urban Traffic Management
- Parking Management
- Urban Speed Control
- Congestion Charge
- Traffic & Parking Offences Detection and Management
- Multimodal Passengers Transport Hubs
- Electronic Fares Management
- Limited Transport Zone

ITS applied to Public Transport

- PT Vehicles Fleet Management
- PT Service Information and Management
- Smart Ticketing
- Pre-trip, On-trip Passengers Information
- Multimodal Journey Planners
- Demand Responsive Transport

Smart Cities

- Urban ITS Architecture
- Relevant ITS Architectures: KAREN and E-FRAME
- Additional examples of ITS Architectures in EU countries
- Smart Cities / Transport side [ITS applied to numerous fields + e-Payments services + Electric Vehicles (EV) recharging Points Network, etc.]

ITS applied to Motorways

- Current tolling systems
- EETS (European Electronic Tolling Service)
- Traffic monitoring & Offence Detection Systems (i.e. triple technology radars)
- Active Traffic Management
- Journey Travel Times Prediction
- Journey Planners
- Variable Message Signs

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- Vehicle-to-Infrastructure communications (V2I)
- Vehicle-to-Vehicle communications (V2V)

ITS applied to Logistics (Urban environment)

- Freight Consolidation Centres (from FCC to city centre)
- Automated Deliveries Management Systems (freight forwarders)
- Urban Freight Delivery
- Dangerous Goods Transport Management
- Parking Slot booking (i.e. CVIS project)

ITS applied to Logistics (Long Corridors)

- Intermodal Freight Villages
- Freight Consolidation Centres (from long distance to FCC)
- HGVs Fleet Management
- HGVs Security Checks (installed before tunnels entrance)
- HGVs Safe Service Areas (i.e. Easyway project)

Transport projects co-funded by the European Commission

- DG-RTD (Directorate General-Research and Technical Development)
- DG-MOVE (Directorate General-Mobility and Transport)
- DG-CNET (Directorate General-Connect)
- INEA (Innovation and Networks Executive Agency)
- EASME (Executive Agency for SMEs)
- H2020 (Horizon 2020)

Identification of best practice exploited in EC projects to best suit Client's needs

Compared Assessment of existing and proven technological solutions

Transport policies Design and Human Factor Analysis

TARGET CLIENTS

- *Local Authorities (Councils, Municipalities, etc.)*
- *Public Transport companies & Freight Forwarders*
- *Universities & Research Centres*
- *Small & Medium Enterprises (SMEs)*
- *Private organisations*

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