

EasyWay



Annual Forum 2010

Challenges in Freight and Logistics and the role of ITS and EasyWay

Shortcut to the future.
Lisbon • November 16th-18th

ESG plenary session

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Problems for road users and society

- High external costs of freight on roads in EU
 - 7 % of vehicle kms
 - 13 % of road deaths : 6500 / year
 - 33 % of road pollutants
 - 47 % of road noise
 - 23 % of road CO2 emissions
 - 20 % of congestion costs - 20 bil. EUR / year
 - 90-100 bil. EUR / year... and growing
- Heavy vehicles wear out roads in EU
 - 50 billion EUR in infrastructure costs





Problems for freight operators and drivers

- Planning European freight journeys
 - Complex, expensive, time consuming, uncertain
 - Major barrier to intermodal freight
- Travel time uncertainty means extra cost
- Freight is a vulnerable road user
- Limited parking opportunities on some corridors
- High levels of freight criminality, hot spots
 - Theft and assault
 - 8 bil. EUR / year ?





Keys to resolution of problems

- Transfer of freight to other modes, support for intermodal freight
- Improvement of truck parking capacity, quality and security levels
- Streamlining trip planning and management: e-freight
- Improved/tailored freight information, easy access to it, combining
- Special traffic management of freight : safety/delay prevention focus
- ITS has a major role to play
- Infrastructure operators must play a key role in freight ITS

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Role and issues of ITS

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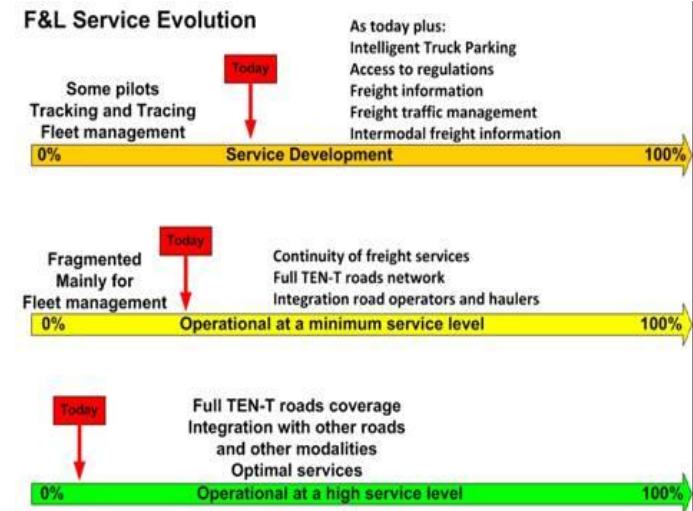


ITS where infrastructure operators have a key role

- Special strategic/tactical freight management
 - Strategic route information and guidance
 - Variable freight restrictions
 - Special warnings
 - Weigh-in-motion
 - Truck parking area info. and security...



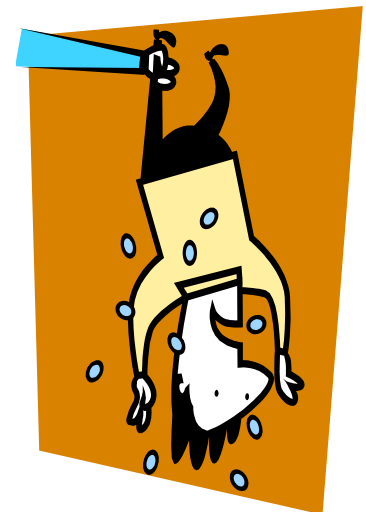
- EU freight information for infrastructure operators and users
 - Permissions, regulations, services...
 - Routes, restrictions, intermodal...
 - Real-time parking availability, delays...





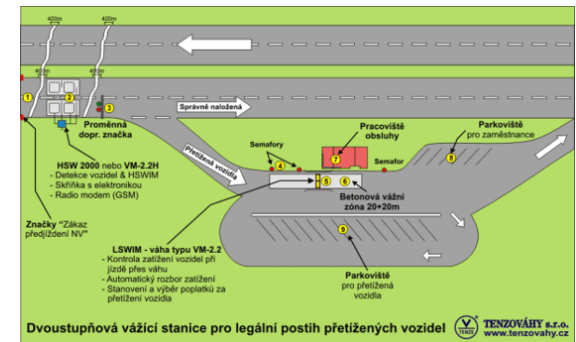
Key EU issues for freight info. service

- Currently
 - some national freight info. services
 - Partial EU services : TransportXXL, TRANSPark, TruckInfo
- How to go to better more integrated services ?
- Business, economic model : who will pay ?
 - Road freight sector cost driven, late adopter of technology
 - Safety / security is driver of public investment, need proofs
- Technical, organisational issues
 - Get info. to freight operators and make data easily available
 - EU freight information architecture to come to life ?
 - Services / data sources under single umbrella(s) ?
 - Infrastructure operators must drive the co-ordination



Key European issues for freight management

- So far many studies, pilots, some implementations,
 - But need more evaluation for public funding
- Tactical level freight management
 - Harmonisation of application-user interfaces
 - Standard data structures, get the info. out
 - Integration of fleet operators and trucks into process
- Strategic level freight management
 - Real-time route information must be available wide area
 - Wider area TMP partnerships, European co-operation
 - Integration of fleet operators and trucks into process



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Role of EasyWay

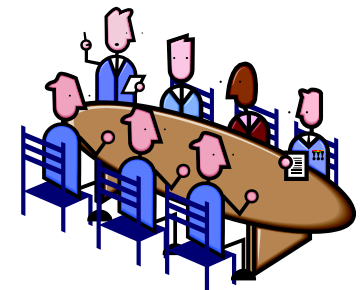
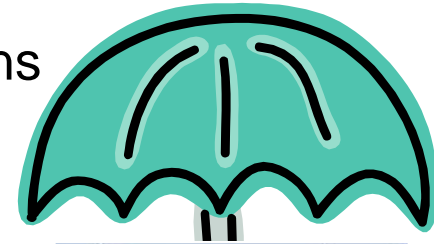
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What has EasyWay done so far

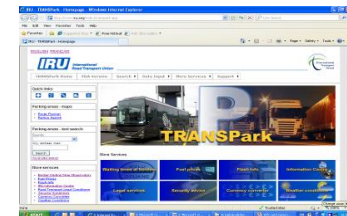
- Support umbrella for many studies, pilots, implementations
 - Strategic rerouting, TMP partnerships
 - Info web sites : Freight Scotland, ArcAtlantic, Truckinfo.ch..
 - Transport XXL
 - Real-time truck parking availability info.
 - Tactical freight management (weigh-in-motion etc.)
 - Intelligent secure truck parks
- Co-ordinating role of ESG3, other groups
 - Dissemination of best practice, knowledge sharing
 - Active stakeholder engagement
 - ITP and Access to abnormal goods regulations DGs
 - Viability studies definition





Role of EasyWay for FLS in next period 1

- Sharing experience and dissemination of best practice
- Further coordinated studies, pilots, implementation, evaluation
- ESG3 : Champion of a harmonised approach to ITP
 - An infrastructure operators vision on ITP
 - Support for implementation of the ITS directive
 - Coordination group and stakeholder liason workshops
 - Maintenance, extension, creation of deployment guidelines
 - European truck parking data through DATEX II
 - Levels of truck parking information service including quality
 - Organisational models for delivery of quality truck parking data





Future role of EasyWay in freight ITS 2

- ESG3 : An umbrella for info. on abnormal goods regulations based around Transport XXL
 - Deployment guidelines update
 - Forum for engagement of national systems
 - Extension of Transport XXL
 - Modular concept of integration into the umbrella
 - Viable operating model
- ESG3 : Moving forward European integration
 - Viability study for The EasyWay freight framework
 - Viability study for Remote freight information

