

EasyWay



Annual Forum 2010



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



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ICT Infrastructure in EasyWay/ITHACA
– Case of ITS Deployment in Romania

Florin Nemtanu

ITS Romania



Issues:

- EasyWay-Ithaca
- ICT Infrastructure in Ithaca
- Core ITS Services in Romania
- Minimum level for ITS infrastructure
- Strategy and actions in Romania
- A1 Pilot project
- Recommendations
- Conclusions



EasyWay-Ithaca

- Ithaca/EasyWay – started in 2007
- Members: Greece, Italy, Romania, Cyprus and Malta
- 8th region of EasyWay
- 4 new countries in MIP TEN-T projects





ICT Infrastructure in Ithaca

- Specificity:
 - Isolated countries
 - Good links with maritime and inland waterways transport
 - Regional transport more than European one
 - Links with countries outside of EU
- Challenges:
 - Management of the projects
 - Exchange of information and data



Core ITS Services in Romania

Traveller Information Services TIS –
selected services from DGs

Traffic management services TMS – selected
services

Freight & Logistics Services FLS – selected
services

Any Other Services – AOS – ex. Monitoring,
safety and security of road infrastructure;
Weight and size monitoring; Fee collection
and access control on roads.



Minimum level for ITS infrastructure

- Defined levels for ITS infrastructure
- Minimum level to have a basic QoS
- The first step – motorways and nodes
- Extension at national level
- Raising of level of development (coverage and accuracy)



Strategy and actions in Romania

- First strategy on ITS in Romania – EW phase I
- User needs & ITS Architecture
- Levels of ITS Services
- Operating Environments
- Medium and long terms strategies
- The second step – national ITS Master Plan
 - Interurban and urban approaches
 - Multimodal



A1 Pilot project

- Romanian companies and Telegra
- Aprox. 2 mil. Euros
- 1 centre – TCC & TIC
- 6 monitoring nodes
- Weather stations
- Traffic sensors
- Infrastructure related monitoring



Recommendations

- Multistep approach of strategy
- Pilot project and extension at regional and national levels
- Test implementation of DGs at small level
- Main directions for a national strategy
- Test technologies at local level



Conclusions

- EW support development ITS in Romania
 - Deployment Guidelines
 - Strategies
 - Technical expertise
 - ESGs
- Gradual development of ICT infrastructure
 - Functional (local, regional, national)
 - Coverage



Thank you for attention

- florin.nemtanu@its-romania.ro
- florin.nemtanu@ieee.org
- www.its-romania.ro