

# **TEN-T policy, TENtec System and related data needs**

#### **ITF Statistical Meeting**

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Martin Zeitler DG MOVE A3 – Economic Analysis and Impact Assessment



### **Actual challenges for transport sector**



Growing congestion (not only in Urban areas)

> Oil scarcity and corresponding price increase





## Greenhouse Gases and climate change



### The 2011 White Paper strategy 4 "i"s, 40 actions and 10 goals

Internal market:	Create a genuine Single European Transport Area by eliminating all residual barriers between modes and national systems.

nnovation:	EU research needs to address the full cycle of research, innovation and deployment in an integrated way.
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Infrastructure:	EU transport infrastructure policy needs a common vision and sufficient resources. The costs of transport should be reflected in its price in an undistorted way.
International:	Opening up third country markets in transport services, products and investments continues to have high priority.





### **Selected goals from the White Paper**

(1) 30% of road freight over 300 km should shift to other modes such as rail or waterborne transport by 2030, and more than 50% by 2050, facilitated by efficient and green freight corridors. To meet this goal will also require appropriate infrastructure to be developed.

(2) A fully functional and EU-wide multimodal TEN-T 'core network' by 2030, with a high quality and capacity network by 2050 and a corresponding set of information services.



### **Selected goals from the White Paper**

(3) By 2050, connect all core network airports to the rail network, preferably high-speed; ensure that all core seaports are sufficiently connected to the rail freight and, where possible, inland waterway system.

(4) By 2020 establish the framework for a European multimodal transport information, management and payment system.



### **Our Vision for EU transport system**

Transport has to better exploit (a more modern) transport infrastructure.

A new pattern must be attained:

- Larger volumes of freight and greater numbers of travellers carried jointly to their destination by the most efficient combination of modes;
- Efficient co-modality needed in longer distances, as options for road decarbonisation are more limited and freight multimodality needs to be more economically attractive.



### **New EU core network**



- 9 corridors;
- **3** modes of transport each;
- 94 main seaports with rail and road links;
- **38** airports with rail links to major cities;
- **15.000** km of high speed railway lines;
- **35** cross-border projects to reduce bottlenecks.



### **New EU infrastructure policy**

The new core transport network supported by a comprehensive network of routes, feeding into the core network at regional and national level.

The **comprehensive network** will ensure full coverage of the EU and accessibility of all regions.

The aim is to ensure that by 2050, the great majority of Europe's citizens and businesses will be no more than 30 minutes travel time away from the comprehensive network.

The new transport network will deliver:

- safer and less congested travel;
- smoother and quicker journeys.





### **The TENtec Information System**

Trans-European Networks technical data

Since autumn 2006, first module online 2007

In-house Development & Operations at DG MOVE-B (with development outsourcing to INEA for implementation modules)

Currently 1300 registered users(DGs, INEA, ministries, EP, EIB,..)

#### **Guiding Objectives**

1: Support all elements and stakeholders of TEN-T Programme

2: Use minimal resources while ensuring timeliness and synchronization with European policy agenda

3: Create best/most useful IT platform for infrastructure in Europe

4: Continuity of storage & access – Legal Base until 2030/Budget/SafeData



### Scope

- stores and manages technical and financial data for the analysis, management and political decision making of the TEN-T programme
- acts as a bridge to Members States ministries and other keystakeholders:
  - Special Support for DG MOVE (different units: IA, Ports+Inland Navigation Clean Transport & Sustainable Urban Mobility, Road Safety, TEN-T, Land Transport etc.)
  - Special Support outside DG MOVE (DGs ENER/ELARG/ENV/CLIMA/REGIO/ ECFIN/ESTAT;EP;EIB;INEA
- provides support for modelling of future policy and budgetary scenarios, briefings, interfacing with GIS (Geographical Information System),
- monitoring and reporting, the electronic submission of applications and online conduction of surveys.
- seamless inclusion of the GIS supports interactive maps and satellite overlays
- Collect Data specifically on the Core and Comprehensive sections of the network as well as on bordering countries and activities



**Private Portal main Modules** 

#### OMC/GIS

- IT module to collect and continuously store technical and financial data for the entire TEN-T network per section, accompanied by dynamic multifunctional GISmaps
- Data input and validation in close collaboration with MS and neighbouring states (since 2011).

#### iReport

- Management of data collection on the TEN-T Priority Projects, to generate the annual "Progress Report on the implementation of the Projects.
- Data input and validation in close collaboration with MS



#### **Overview of Functions: The Modules of the Private Portal**

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$\odot$			MOB	BILITY	& TR.	ANS	PORT		TENtec Priv	vatePortal
European Commission			🚺 You'r	e on develop	ment datal	base				
Select your module	ASR	Decision	eSubmission	Evaluation	IReport	ОМС	Project Followup	Security Administration		



This portal gives you access to a set of different TENtec modules.



#### **OMC:** The Maps - Multiple Layer Screen

Logged as : Helmut MORSI TENtec Home Back to portal Help Contact us

#### LITY & TRANSPORT

#### **OMCGIS**





#### **OMC: Zoom & Geo Editing Tools**

Zoom into satellite images & Provision of edition tools, which allows you to edit directly the Comprehensive network. Update trajectory, split-merge sections, create/remove sections, ...





#### iReport: reporting & continuous monitoring

Commission U You're on developme	ent database
ew Validate (COM) View countries reports Published Report	rts
View full report	Reference Year: 2011 (Exercise of 2012) Works in TEN-T Priority projects
Overall completion s	status of works in TEN-T Priority Projects* (km) Total length = 47,898 km 497 7,878 6,710 40 % 60 % 80 % 100 % s to start petween 2012 and 2013 Works ongoing pieted
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#### **Data collected under TENtec**



EUROPEAN COMMISSION DIRECTORATE-GENERAL FOR MOBILITY AND TRANSPORT Directorate B - European Mobility Network B.1 - Trans-European Network B.1.001 - Open Method of Coordination: TENtec & Innovation

#### **Open Method of Coordination - Geographical Information System**

#### **Glossary: Technical\* and Financial Data**

DRAFT Update - Corridor Studies

06/02/2014

\* For technical Parameters: Where applicable by consulting the "Illustrated Glossary for Transport Statistics" from ITF, EUROSTAT, UNEC (4th Edition - 14/07/2009)



### European Commission

### **Evidence-based policy**

- Increasing need of statistical evidence to support policy making
  - $\checkmark$  To help take decisions
  - ✓ To monitor the effects of policies
- ...but resources devoted to the collection of statistics cannot be increased, as well as the burden on respondents
- Solutions should focus on increasing comparability and use of already existing information
- With better evidence, better policies!



#### Summary: Data needs and scope for collaboration

#### **Transport statistics are used:**

- For evidence-based policy making (IAs and Ex-post evaluations);
- For preparing evidence-based recommendations;
- For transport modelling activities;
- For horizontal and vertical benchmarking;
- For monitoring purposes.

Measuring infrastructure investment and maintenance – harmonisation and filling the gaps is critical  $\rightarrow$  common questionnaire and:

**ITF could help to complete and even complement (new additional data fields) the TENtec database.** 



### Thank you for your attention





#### **Further Information:**

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EU Energy, Transport and GHG Emissions Trends to 2050 the 2013 Reference Scenario: <u>http://ec.europa.eu/energy/observatory/trends 2030/index en.htm</u>

TENtec EC DG-MOVE-B1: "TEN", B1.001 Sector: "TENtec & Innovation"

TENtec Private & Public Portals: <u>http://ec.europa.eu/transport/themes/infrastructure/tentec/index\_e</u> <u>n.htm</u>