

● An introduction to the European Commission's TENtec Information System

International workshop on Measuring Investment in Transport Infrastructure

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**Presentation by
Helmut Morsi,
Deputy Head of Unit, DG MOVE-B1 - Trans-European Network
& Head of Sector – TENtec & Innovation
European Commission**

● **TENtec – *towards introducing useful eGovernment***

- » Using IT to lay foundations & implement policies and manage programmes
- » Promote & explain: policy & spending to EU-citizens
- » SMART-IT development principle (e.g. user- instead of IT-driven)
- » The role of the core development team (=TENtec team) / The role of the pilot users
- » Hosting by DG-DIGIT data centre (security, economies of scale, expertise)



Translation into Practise: Method

● Open Method of Coordination (OMC)

- » Data bridges to all TEN-T stakeholders -> Creating a complete overview of all technical features and budgets of the TEN-T network (around 8000 sections)
- » Data: All contribute – All benefit (win-win-situation)
- » However: Data protection – each country is separate until final validation in workflow
- » Integrated 2-step validation workflow for technical modifications (case A) -> natural improvement and completion of database (legal base exists already!)
- » Integrated 3-step validation workflow for political modifications (case B) -> additional security/protection of planning/new legislation (legal base in preparation)
- » State of the art features (interactive satellite maps) -> favourite daily working tool
- » Continuous monitoring of TEN-T Programme

● Translation into Practise: Who, What and How (1)

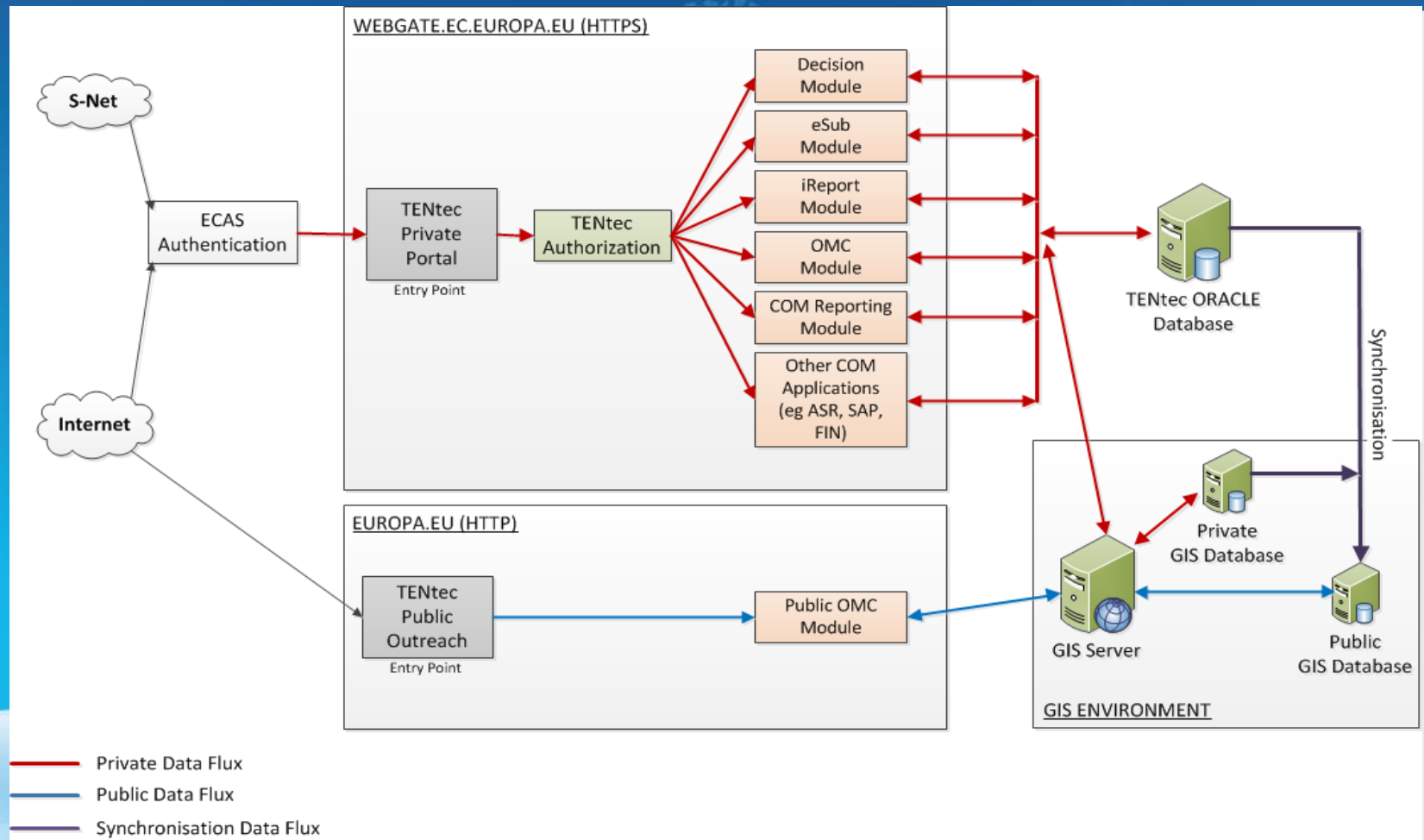
- Online collection from transport ministries ++ and publication of monitoring data:
 - » iReport: TEN-T PP Progress Reports 2009, 2010 & 2011
 - » OMC V2: the TEN-T Implementation Report 2011 (entire network) – technical and financial data of all sections (around 8000)
 - » Full support of the current TEN-T Guideline Review, via close (= direct) collaboration with transport ministries

● Translation into Practise: Who, What and How (2)

- New user communities opened: DG REGIO (parameters by NUTS regions, cohesion funds), DG ENV (Natura 2000 map overlay).
- Other interested parties: EIB, EU neighbours (Western Balkans (SEETO), Turkey, EuroMed, Northern Partnership, and Eastern Partnership).
 - *many have already started the collaboration by sending data, receiving logons, investigating possibilities, etc.*
- *TENtec roadmap has a significant time slot in 2012 for full IT co-operation with EU neighbours and EIB.*
Offer: use the software «debugged» with MS also directly for other TEN-T stakeholders & neighbours.

● The TENtec Information System V2

- Open Architecture: Common Frame & Specialised Modules



TENtec iReport Module

iReport

View

Print

Validate (COM)

View report

Version: 1

Status: work

Feedback: created working copy by GASCOIGNE Thomas on 2013-10-10 00:00:00.0

A1

A2

A3

A4

A5

B

EUROPEAN COMMISSION
TRANS-EUROPEAN TRANSPORT NETWORK

A.4.
Priority Projects (*)

Please mention the foreseen investments for these priority projects (in Euros).

Priority Project	Before 2003	Expenditure 2004	Expenditure 2005	Expenditure 2006	Expenditure 2007	Expenditure 2008	Foreseen Investment 2009	Foreseen Investment 2010-2013	Foreseen Investment 2014-2020
Railways	3.48E9	1.816E9	2.6842E9	4.16343E9	3.8062E9	3.762406E9	5.479363E9	2.53129E10	1.7393111E10
Roads	1.673301236E9	4.1744958E7	8.8410491E7	6.0582996E7	4.5574523E7	3.7342797E7	2.7876393E7	5.1494266E7	0.0
Ports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Airports	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inland Waterways (incl. ports);	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other (please specify);	0.0	0.0	0.0	0.0	0.0	0.0	1.0E7	2.0E7	0.0
Total	10153301236.00	1857744858.00	2772610491.00	4224012996.00	3851774523.00	3799748797.00	5517259393.00	25384394266.00	17393111000.00

(*) Note: Including all the priority and non-priority sections on the Priority Projects

Edit Report

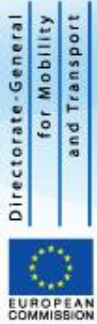
Delete Report

Submit (to MS)

Submit (to COM)

Reject Report (MS)

Return



TENtec eSubmission Module




Navigation

- Application
 - A1
 - A3.1
 - A3.2
 - A3.3
 - A3.4
- Applicants
 - Applicant - 1
- Supporting Documents

A3.1 - Location of the action

Member states and regions

Name	Regions
------	---------

Add Member State and regions

Geographical co-ordinates

Point	Longitude (DMS)	Latitude (DMS)	Longitude (DD)	Latitude (DD)
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Add point [DMS] Add point [DD]

Activities and milestones of the action

Activities of the action

Activity Number	ISIC Code	Activity Name	Start date	End date	Verifying Milestone
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Add activity

Milestones of the action

Milestone Number	Milestone Name	End date	Means of verification
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Add milestone

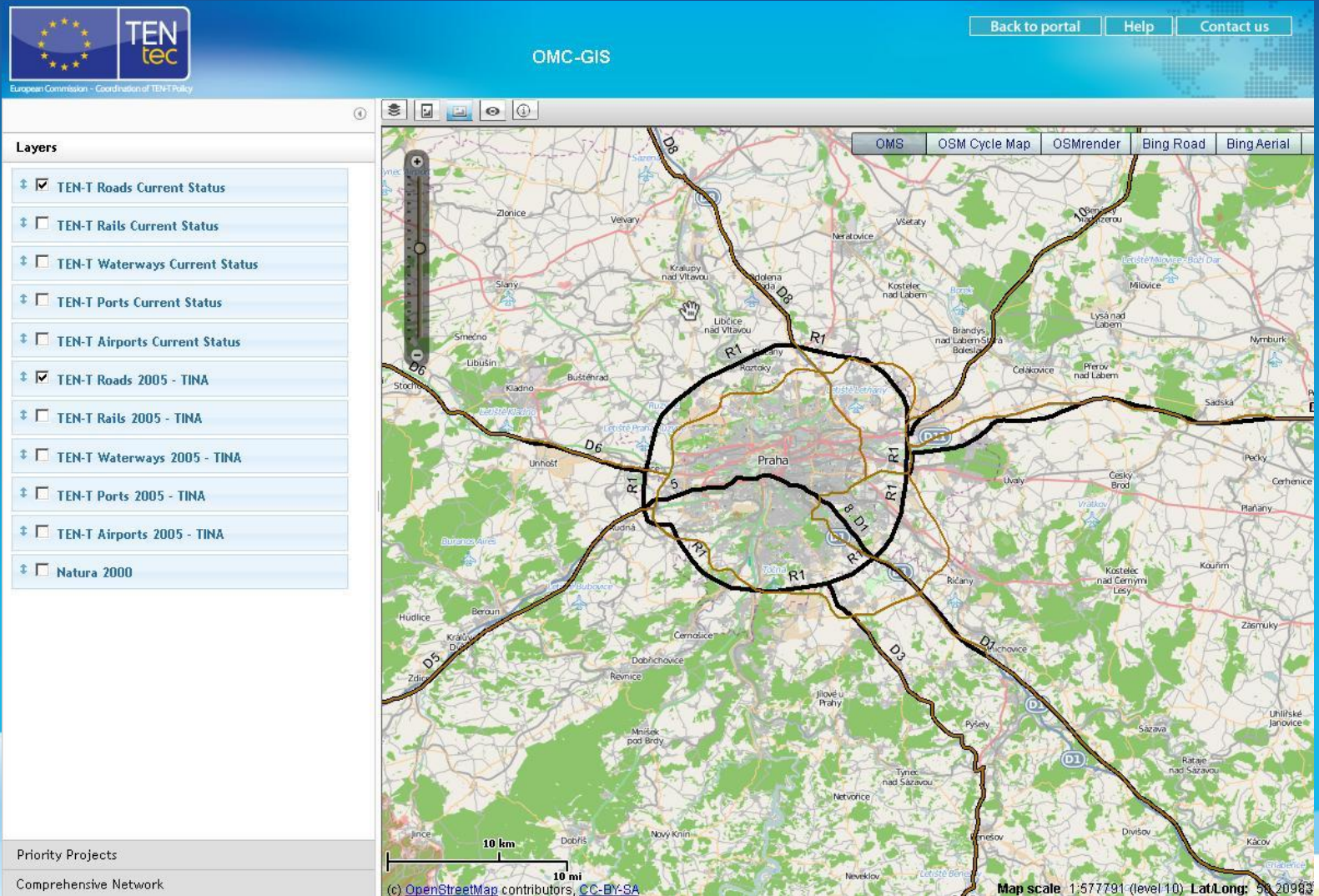
Contribution of the action to the TENT-T Policy:

Decision number	Title
-----------------	-------

Add Decision

Save Save and Exit Cancel

OMC – Comparison of Geodata: Technical modifications (Case A) with 2005 data



OMC: Section - Filters





European Commission - Coordination of TEN-T Policy

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OMC-GIS

Layers

Priority Projects

Comprehensive Network

Section List | Import / Export | Geo Modification | Workflow

Search for Sections:

Member State: Spain

Transport Mode: Roads

[Save comment](#)

Current Exercise Information:

Current exercise : **Exercise 2010-2011**

	Phase 1	Phase 2	Phase 3
Technical (completion %) :	100%	100%	100%

Calculated on the : 06/06/2011

Click on one of the phase percentage to make the list of incomplete sections app

Multiple Submission/Validation:

[Submit Multiple Reports](#) [Validate/Reject Multiple Reports](#)

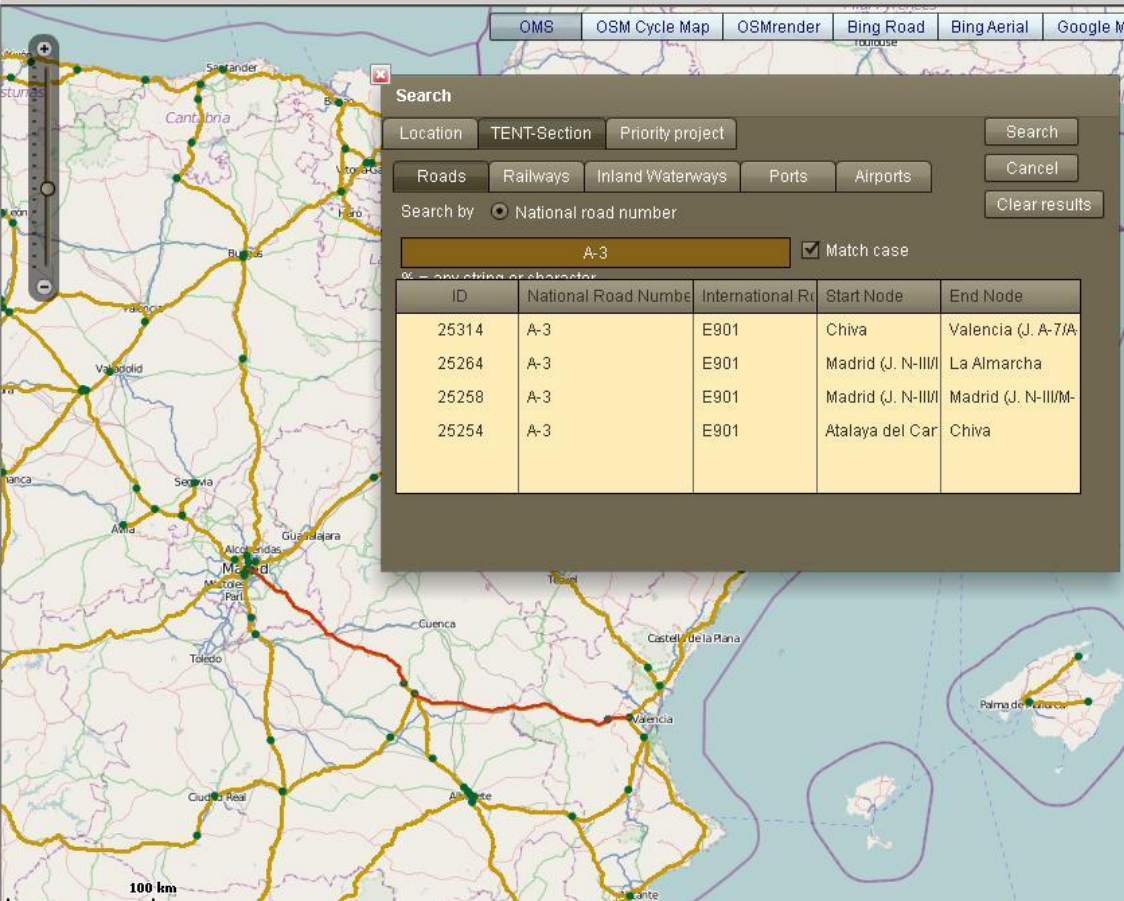
Current List:

Filter by: FINANCIAL TECHNICAL Status of data entry: Choose One

Multi Modal Platform filter: Choose One Select the connected MMP: Choose One

Showing 1 to 25 of 229

Section Name | Technical Report(sort by date) | Financie



Search

Location: TENT-Section Priority project [Search](#)

Roads Railways Inland Waterways Ports Airports [Cancel](#)

Search by: National road number [Clear results](#)

A-3 ☒ Match case

ID	National Road Number	International R	Start Node	End Node
25314	A-3	E901	Chiva	Valencia (J. A-7/A
25264	A-3	E901	Madrid (J. N-III/I	La Almarcha
25258	A-3	E901	Madrid (J. N-III/I	Madrid (J. N-III/M-
25254	A-3	E901	Atalaya del Car	Chiva

OMC: Geographical modifications for Guidelines Review

- A modern planning tool (draft map with no legal value – just for demo)

OMC-GIS

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Layers

Priority Projects

Comprehensive Network

Section List | Import / Export | Geo Modification | Workflow

Search for Sections:

Member State: Belgium

Transport Mode: Roads

Save comment

Current Exercise Information:

Current exercise: Exercise 2010-2011

	Phase 1	Phase 2	Phase 3
Technical (completion %):	97.045%	96.987%	96.987%

Calculated on the: 06/06/2011

Click on one of the phase percentage to make the list of incomplete sections app

Multiple Submission/Validation:

Submit Multiple Reports | Validate/Reject Multiple Reports

Current List:

Filter by: FINANCIAL | TECHNICAL

Status of data entry: Choose One

Multi Modal Platform filter: Choose One

Select the connected MMP: Choose One

Showing 1 to 25 of 120

Section Name | Technical Report(sort by date) | Financial

Map scale: 1:2311162 (level 8) Lat/Long: 50.6930

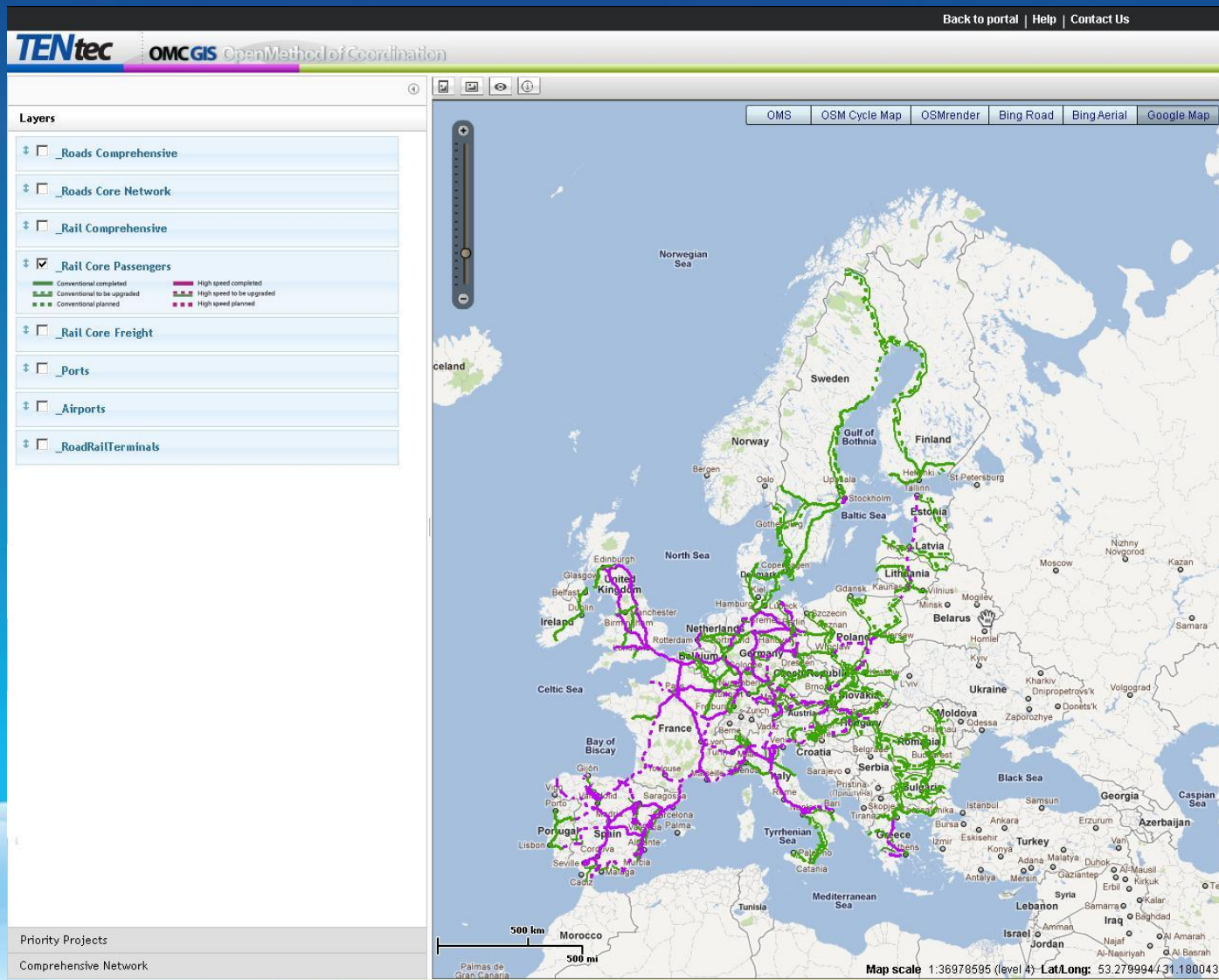
(c) OpenStreetMap contributors, CC-BY-SA

Western Balkans Region

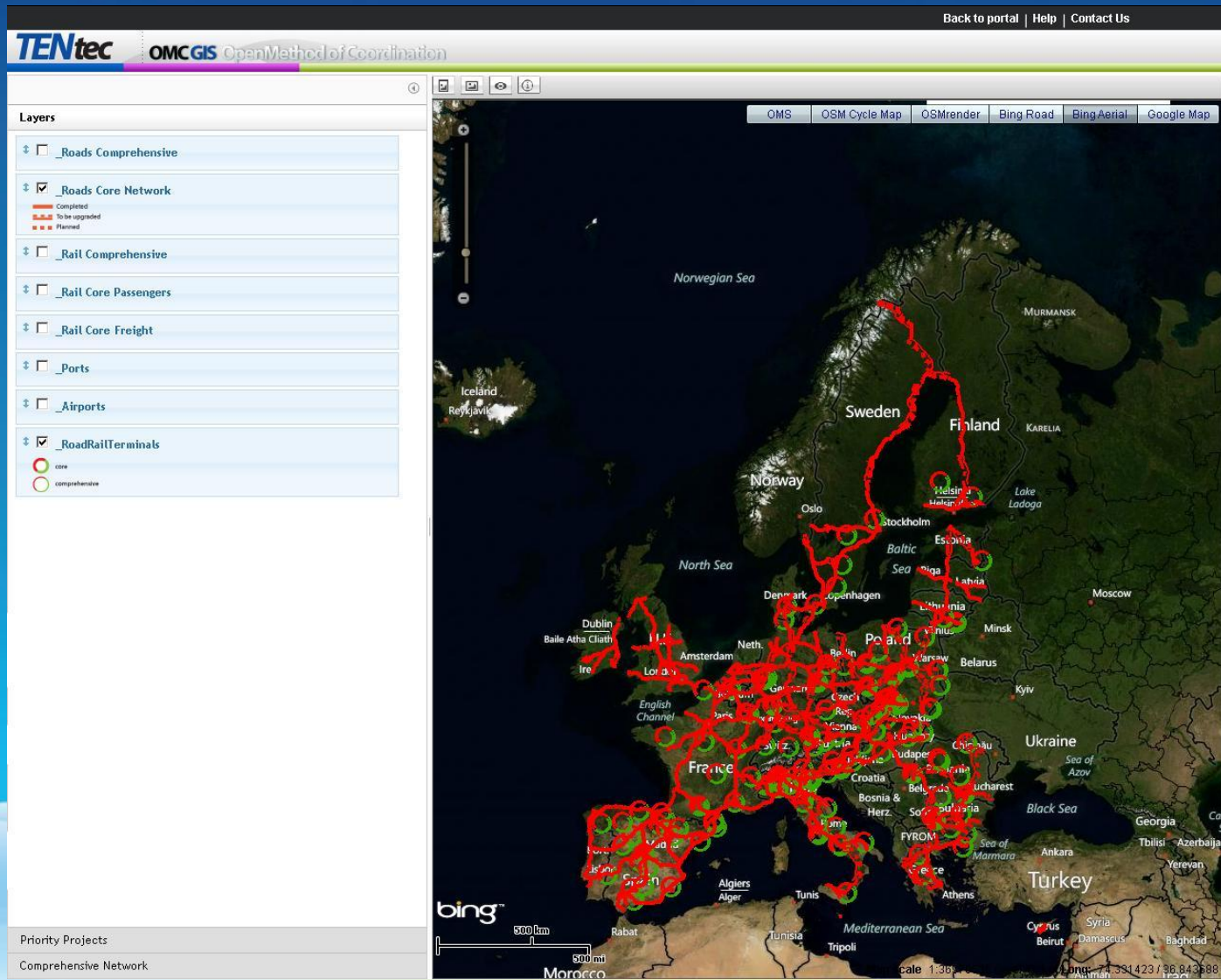
Comprehensive Network:
Roads, ports, rail-road
terminals and airports



TENtec: Possibilities for the Future



TENtec: Possibilities for the Future



● Acknowledgements & Links

- TENtec Team:
(European Commission DG-MOVE-B1: “TEN-T & Investment Strategy”,
Sector: “Open Method of Coordination: TENtec & Innovation”):
 - » Sorin Andrei (GIS coordinator),
 - » Thomas Gascoigne (TENtec developer),
 - » Julien Gerboud (TENtec developer),
 - » Mohammadi Laazzouzi (Content coordinator),
 - » Sébastien Lim (Technical coordinator),
 - » Helmut Morsi (Team leader),
 - » Savvas Pelonis (Web designer).
- Further information:
 - » Link to TENtec Portal Production Server:
http://ec.europa.eu/transport/infrastructure/tentec_en.htm
 - » Link to DG Mobility and Transport (EC DG-MOVE)
http://ec.europa.eu/transport/index_en.htm
- TENtec Techn. Help Desk (managed by the EC DG-MOVE-B1):
 - » Email : MOVE-TENTEC@ec.europa.eu
 - » Phone: +32 (0) 2 2976 -112



Thank you for your attention!