



Directorate-General
for Energy
and Transport



EUROPEAN
COMMISSION

● TENtec Information System

An Overview & Features in 2010

EC DG-TREN-B1

Helmut Morsi – Deputy Head B1 & TENtec Team Leader

TEN-T 2010 Project Management Workshop
Brussels, 12 January 2010



● Overview

- Policy: The Open Method of Coordination (OMC)
- Implementation: The TENtec Information System
- The TENtec Portal incl. online eSub module
- The offline eSub tool 2010
- Roadmap
 - » Planning 2010
 - » Future Upgrades
- The TENtec Team

● Policy: The Open Method of Coordination (1)

The Method:

- Post outsourcing to TEN-T EA: In-house focus on policy, coordination and control/supervision
- Concept: Policy-making based on transparency
- Concept: Transparency through sharing of knowledge
- Solution: **The Open Method of Coordination (OMC)**:
Continuous collection and reporting of up-to-date transport data into a central transport information system (TENtec); introduction of a daily working tool for European and (major) national transport planning and monitoring (user-friendliness via interactive data & maps & data pre-fill)
- => OMC as the basis for COM & MS transport policy making
- => Mutual interest to enter up-to-date high quality data into TENtec

● Policy: The Open Method of Coordination (2)

The Stakeholders:

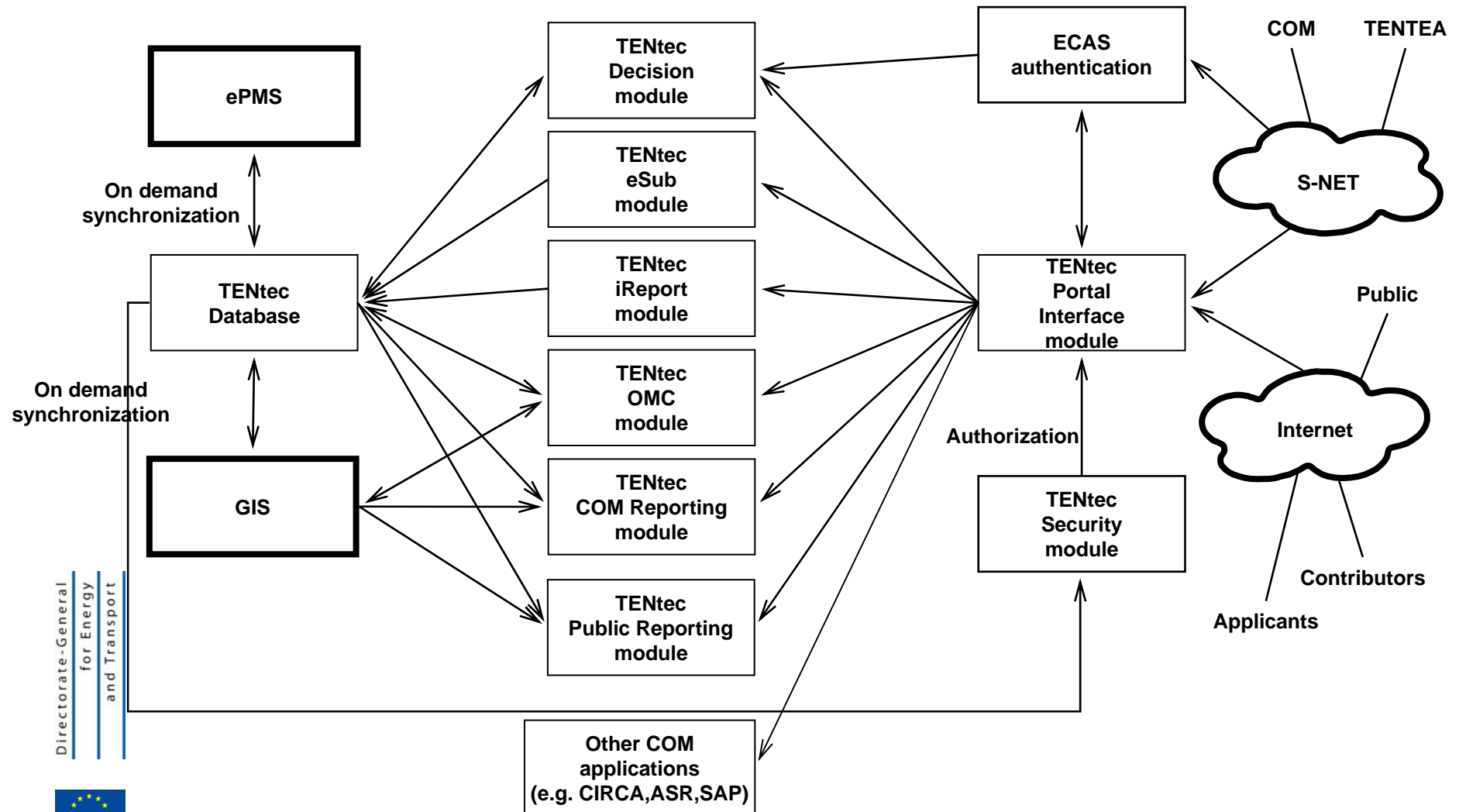
- Bridge to TEN-T Executive Agency
- Bridge to the Member States and beyond):
 - » -> The TENtec Portal
- Further bridges to other stakeholders (e.g. DG-Regio, EIB)
- Open architecture approach: The Pilot User Groups – COM & Ministries & TEN-T EA => TENtec Modules
- More Open: **Citizens outreach**: What do Trans-European Networks do for you? What is done in your neighbourhood? – The “Google-Earth” Channel.

The Goal:

- **Creating a self-sustaining policy development and project monitoring system**

The TENtec Information System

- Open Architecture: Common Frame & Individual Modules

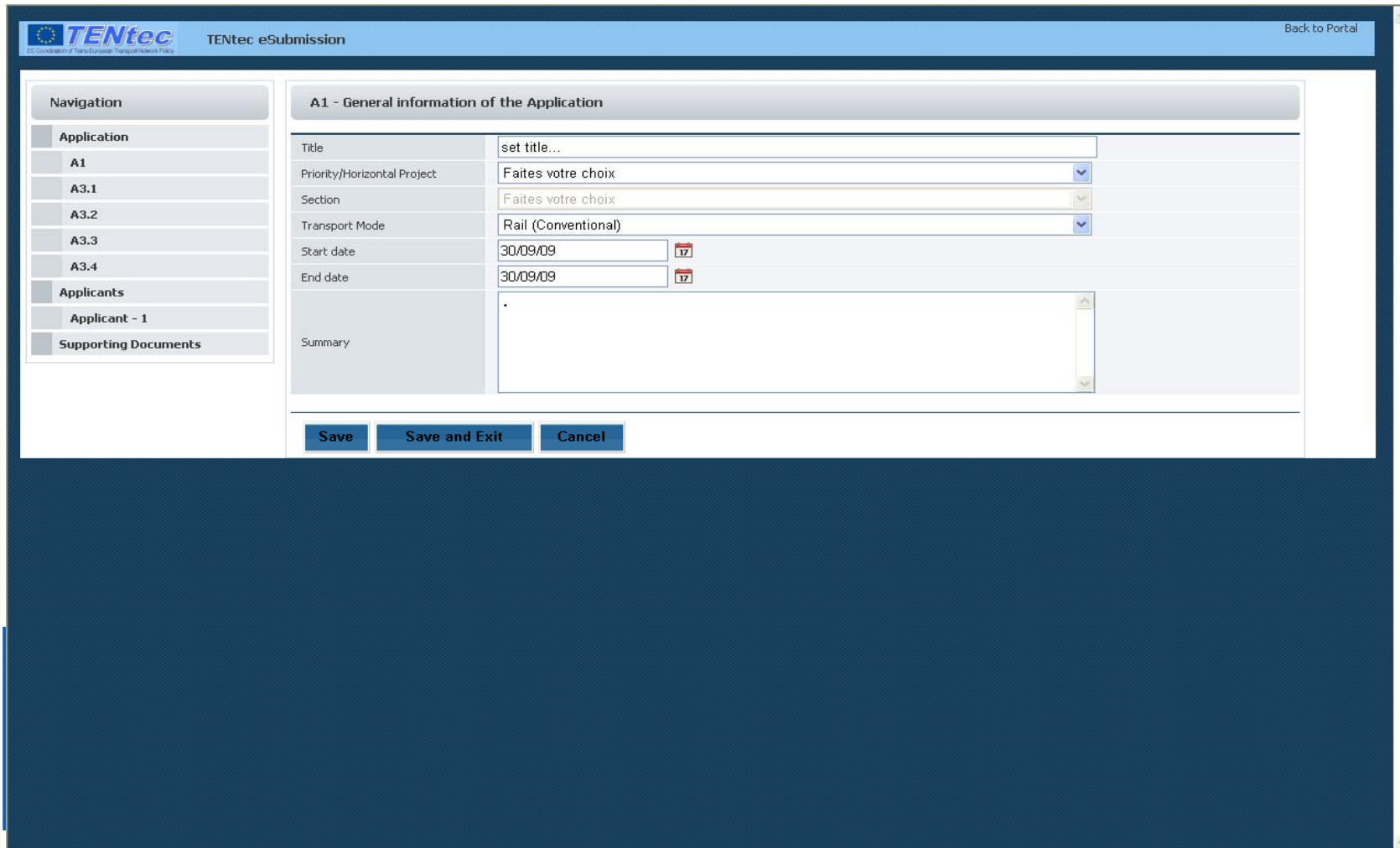


TENtec Private portal (online)



The screenshot shows the TENtec Private portal interface. At the top left is the European Commission Transport logo. At the top right, it says "Welcome Lim Sébastien" and "Registration request Logout". Below the header is a navigation bar with links: "eSubmission", "iReport", "OMC-GIS", "Public Portal", and "Security Administration". The main content area features a collage of four images: a modern highway interchange, a road winding through a green landscape, a large cargo ship, and a high-speed train. Below the images, the text reads: "Directorate-General Transport Trans-European Network for Transports". Underneath that, it says "Welcome to the TENtec Portal" and "Portal gives you access to a set of different TENtec modules. If you need access to specific module, fill registration form."

TENtec eSub module (online) (1)




The screenshot displays the 'TENtec eSubmission' web application. The interface includes a navigation menu on the left with sections for 'Application' (A1, A3.1, A3.2, A3.3, A3.4), 'Applicants' (Applicant - 1), and 'Supporting Documents'. The main content area is titled 'A1 - General information of the Application' and contains a form with the following fields:

Title	<input type="text" value="set title..."/>
Priority/Horizontal Project	<input type="text" value="Faites votre choix"/>
Section	<input type="text" value="Faites votre choix"/>
Transport Mode	<input type="text" value="Rail (Conventional)"/>
Start date	<input type="text" value="30/09/09"/>
End date	<input type="text" value="30/09/09"/>
Summary	<input type="text" value="."/>

At the bottom of the form, there are three buttons: 'Save', 'Save and Exit', and 'Cancel'. The top right corner of the application window features a 'Back to Portal' link.

TENtec eSub module (online) (2)


TENtec eSubmission

[Back to Portal](#)

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)
Add point [DMS] Add point [DD]				

Activities and milestons of the action

Activities of the action

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

Milestones of the action

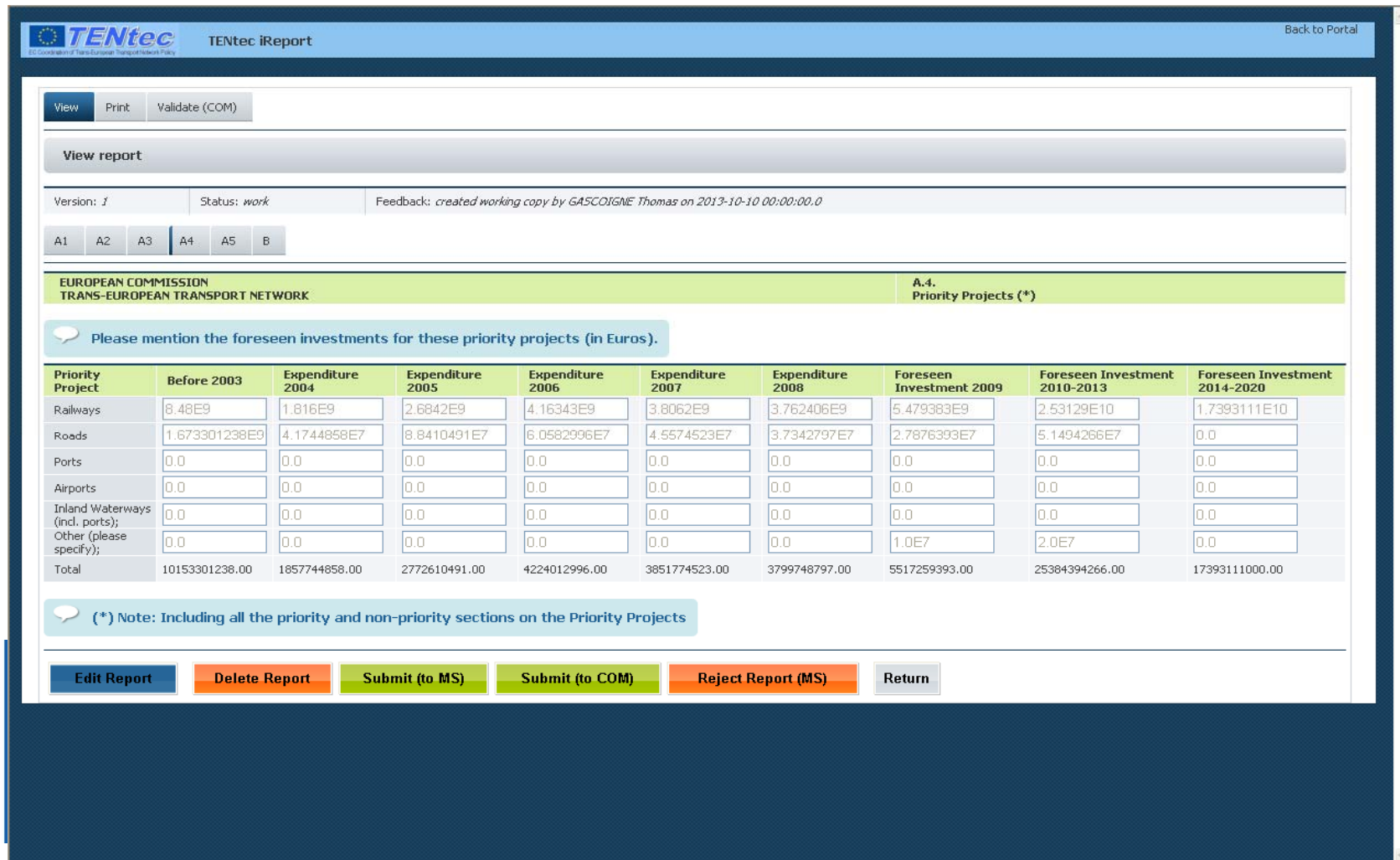
Milestone Number	Milestone Name	End date	Means of verification
Add milestone			

Contribution of the action to the TENT-T Policy:

Decision number	Title
Add Decision	

Save Save and Exit Cancel

TENtec iReport module (online)



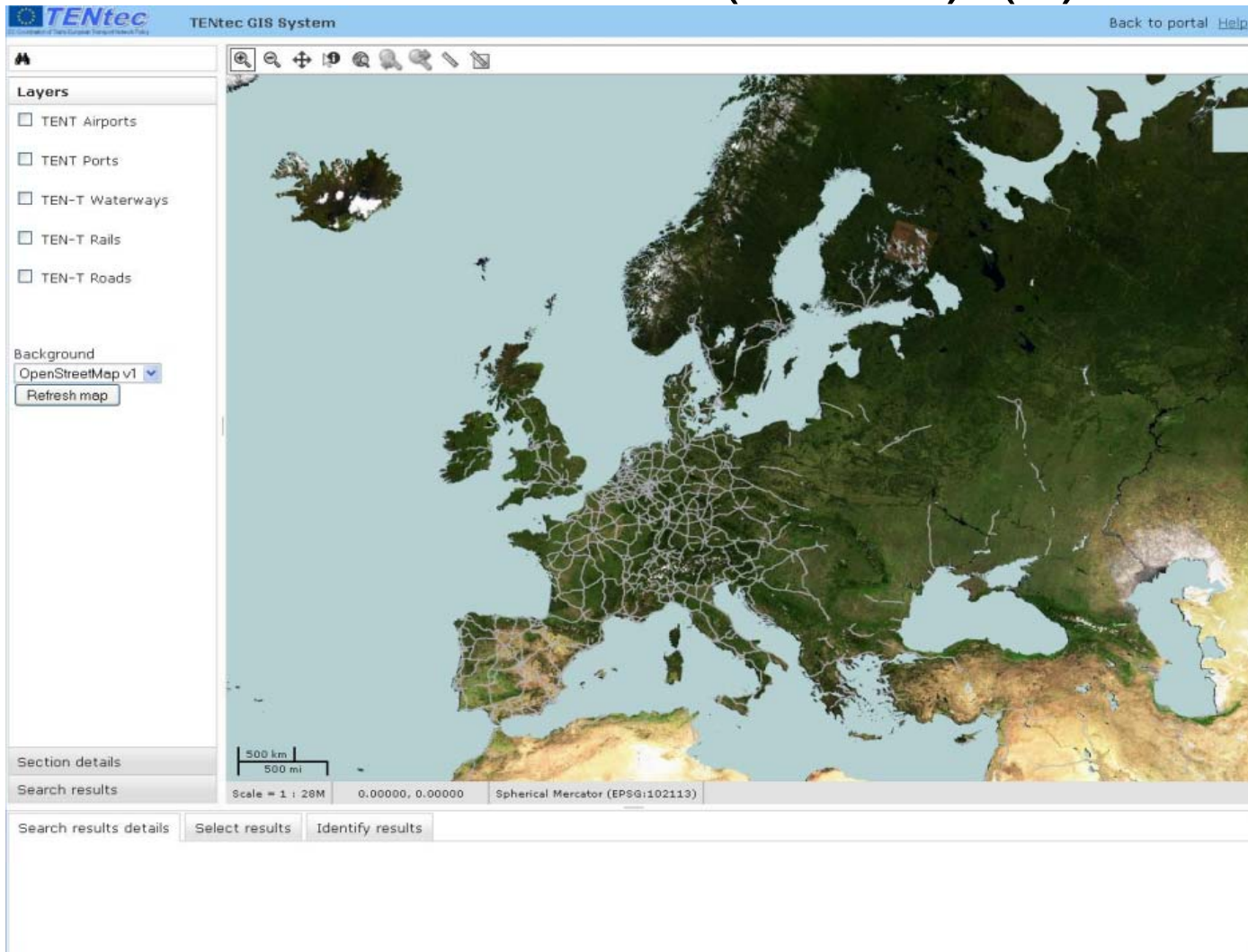
The screenshot shows the TENtec iReport interface. At the top, there's a header with the TENtec logo and 'TENtec iReport'. Below this, there are navigation buttons: 'View', 'Print', and 'Validate (COM)'. A 'View report' button is also present. The interface displays report metadata: 'Version: 1', 'Status: work', and a feedback message: 'Feedback: created working copy by GASCOIGNE Thomas on 2013-10-10 00:00:00'. There are also buttons for sections A1, A2, A3, A4 (selected), A5, and B.

The main content area is titled 'EUROPEAN COMMISSION TRANS-EUROPEAN TRANSPORT NETWORK' and 'A.4. Priority Projects (*)'. A message box says: 'Please mention the foreseen investments for these priority projects (in Euros)'. Below this is a table with the following data:

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	8.48E9	1.816E9	2.6842E9	4.16343E9	3.8062E9	3.762406E9	5.479383E9	2.53129E10	1.7393111E10
Roads	1.673301238E9	4.1744858E7	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); Other (please specify);	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	10153301238.00	1857744858.00	2772610491.00	4224012996.00	3851774523.00	3799748797.00	5517259393.00	25384394266.00	17393111000.00

At the bottom, there's a note: '(*) Note: Including all the priority and non-priority sections on the Priority Projects'. Below the note are several buttons: 'Edit Report', 'Delete Report', 'Submit (to MS)', 'Submit (to COM)', 'Reject Report (MS)', and 'Return'.

TENtec GIS module (online) (1)



The screenshot displays the TENtec GIS System interface. The main map shows Europe with a network of roads and rails overlaid. The interface includes a search bar at the top, a layers panel on the left, and a search results section at the bottom.

TENtec GIS System Back to portal Help

Layers

- TENT Airports
- TENT Ports
- TEN-T Waterways
- TEN-T Rails
- TEN-T Roads

Background

OpenStreetMap v1 ▼

Refresh map

Section details

Search results

Scale = 1 : 28M 0.00000, 0.00000 Spherical Mercator (EPSG:102113)

Search results details Select results Identify results

TENtec GIS module (online) (2)

TENtec GIS System | Back to portal | Help

Bel

Layers
Section details
Search results

Countries

1. results for BEL

- 1. BELGIUM
- A. Roads
- B. Railways
- C. Waterways
- D. Ports
- E. Airports
- F. All sections

Priority projects
2 results

1. 00 Railway axis Cork-Dublin-Belfast-Stranraer
2. 20 Fehmarn Belt railway axis

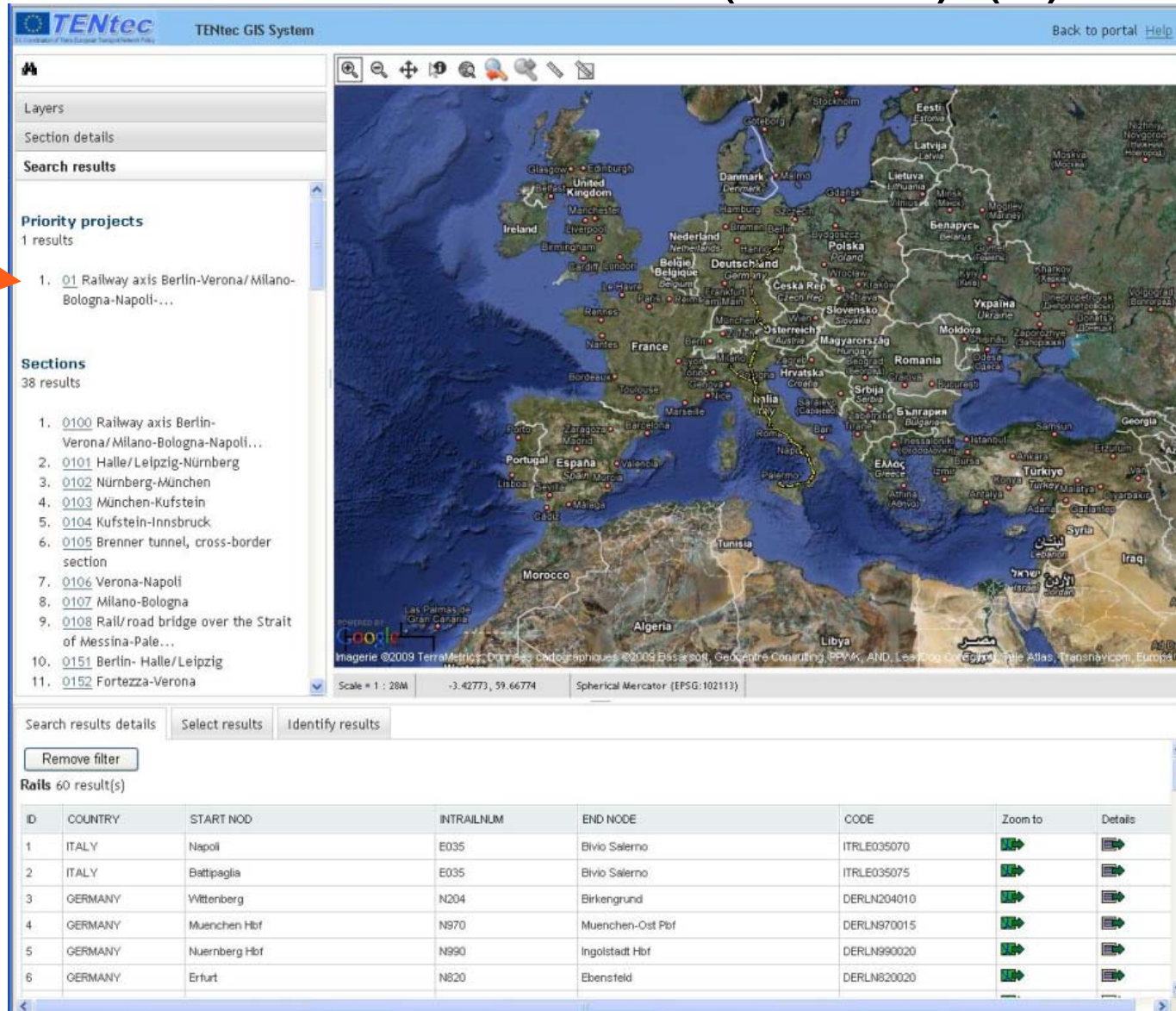
Sections
4 results

1. 0000 Railway axis Cork-Dublin-Belfast-Stranraer (A fu...
2. 2000 Fehmarn Belt railway axis
3. 2001 Fehmarn Belt fixed rail/road

Scale = 1 : 27K 34.27734, 34.45222 Spherical Mercator (EPSG:102113)

Search results details	Select results	Identify results
6 BELGIUM E25 Eijsden	Chertal (J. A3/A25)	A25
7 BELGIUM E000 Mont-Saint-Martin	Aubange	A26
8 BELGIUM E46 Bouillon (J. N89/N828)	Bouillon	N89
9 BELGIUM E46 Bouillon/Le Chapelle	Bouillon	N89
10 BELGIUM E40 Eynatten	Aachen-Lichtenbusch / Grenzübergang Lichtenbusch	A3
11 BELGIUM E25 Neufchâteau (J. A24/A4)	Liege	A26
12 BELGIUM E40-E25 Liege	Chertal II	A605
13 BELGIUM E40 Chertal (J. A3/A25)	Chertal II	A3
14 BELGIUM E40 Chertal II	Chaiheux	A3
15 BELGIUM E000 Oostende (Port)	Oostende	N340
16 BELGIUM E313 Ronet (J. A13/A13)	Luxemb. (J. A3/A13)	A13

TENtec GIS module (online) (3)



The screenshot shows the TENtec GIS System interface. On the left, there is a sidebar with a search results section. An orange arrow points to the first result: "01 Railway axis Berlin-Verona/Milano-Bologna-Napoli...". Below this, there is a list of sections. At the bottom, a table displays search results for "Rails" with 60 results.

Search results

Priority projects
1 results

- 01 Railway axis Berlin-Verona/Milano-Bologna-Napoli...

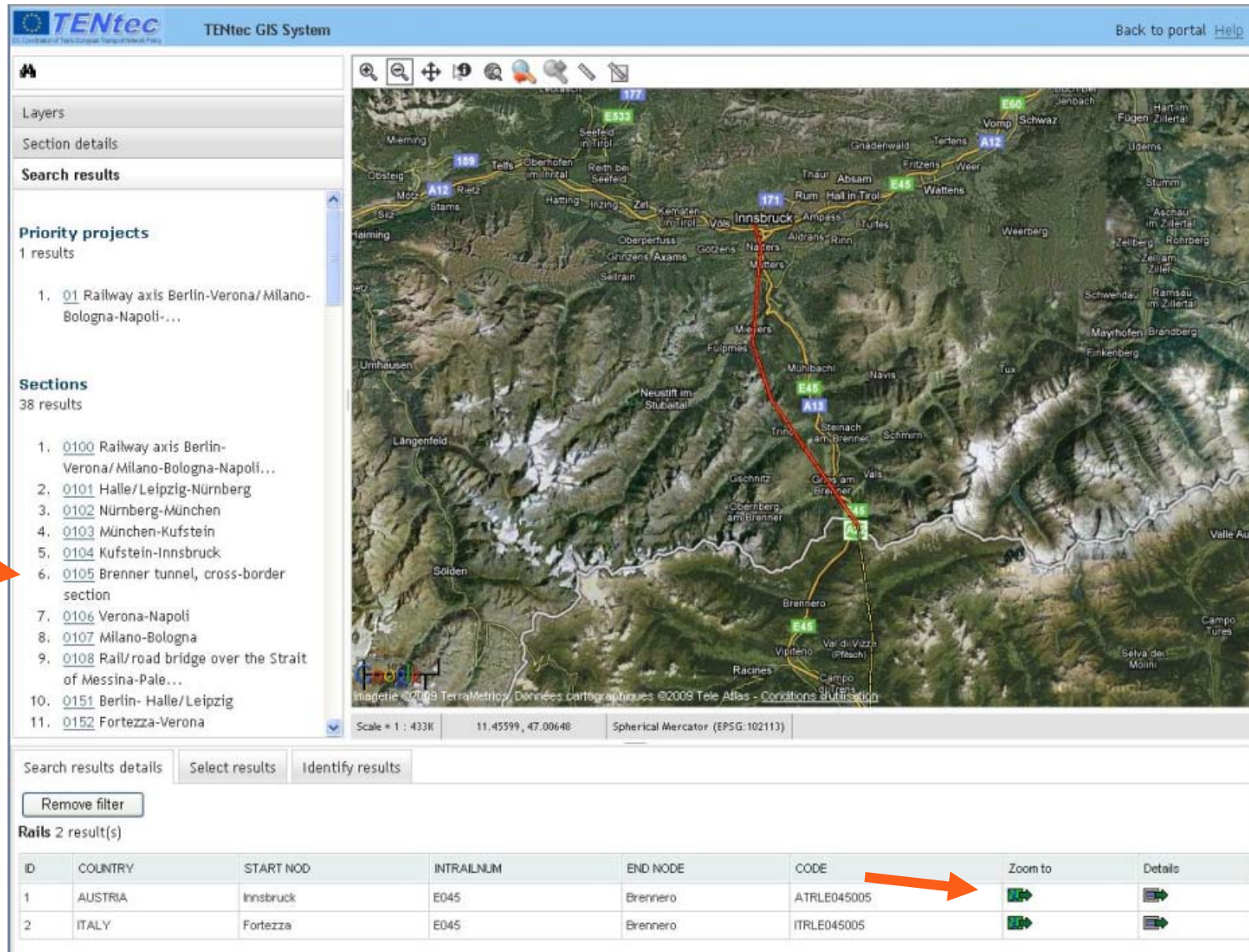
Sections
38 results

- 0100 Railway axis Berlin-Verona/Milano-Bologna-Napoli...
- 0101 Halle/Leipzig-Nürnberg
- 0102 Nürnberg-München
- 0103 München-Kufstein
- 0104 Kufstein-Innsbruck
- 0105 Brenner tunnel, cross-border section
- 0106 Verona-Napoli
- 0107 Milano-Bologna
- 0108 Rail/road bridge over the Strait of Messina-Pale...
- 0151 Berlin- Halle/Leipzig
- 0152 Fortezza-Verona

Rails 60 result(s)

ID	COUNTRY	START NOD	INTRAILNUM	END NODE	CODE	Zoom to	Details
1	ITALY	Napoli	E035	Bivio Salerno	ITRLE035070		
2	ITALY	Battipaglia	E035	Bivio Salerno	ITRLE035075		
3	GERMANY	Wittenberg	N204	Birkengrund	DERLN204010		
4	GERMANY	Muenchen Hbf	N970	Muenchen-Ost Pbf	DERLN970015		
5	GERMANY	Nuernberg Hbf	N990	Ingoistadt Hbf	DERLN990020		
6	GERMANY	Erfurt	N820	Ebensteld	DERLN820020		

TENtec GIS module (online) (4)



TENtec GIS System Back to portal Help

Layers
Section details
Search results

Priority projects
1 results

- 01 Railway axis Berlin-Verona/Milano-Bologna-Napoli-...

Sections
38 results





- 0100 Railway axis Berlin-Verona/Milano-Bologna-Napoli...
- 0101 Halle/Leipzig-Nürnberg
- 0102 Nürnberg-München
- 0103 München-Kufstein
- 0104 Kufstein-Innsbruck
- 0105 Brenner tunnel, cross-border section
- 0106 Verona-Napoli
- 0107 Milano-Bologna
- 0108 Rail/road bridge over the Strait of Messina-Pale...
- 0151 Berlin-Halle/Leipzig
- 0152 Fortezza-Verona

Scale = 1 : 433K 11.45599, 47.00648 Spherical Mercator (EPSG:102113)

Search results details Select results Identify results


Remove filter

Rails 2 result(s)

ID	COUNTRY	START NOD	INTRAILNUM	END NODE	CODE	Zoom to	Details
1	AUSTRIA	Innsbruck	E045	Brennero	ATRLE045005		
2	ITALY	Fortezza	E045	Brennero	ITRLE045005		

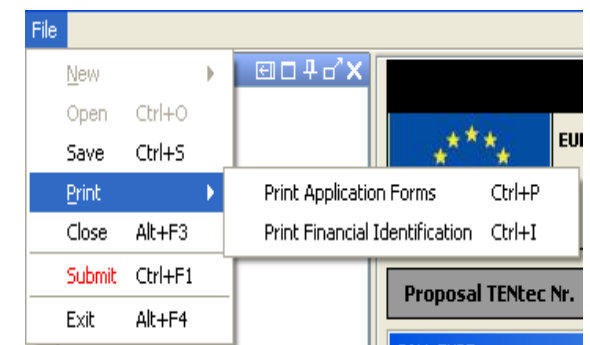
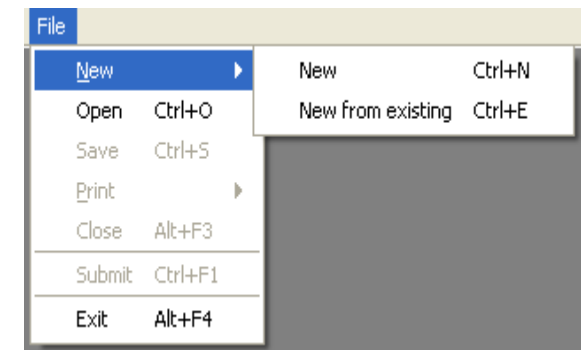
Directorate-General
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and Transport



- TENtec offline eSub installation
 - Download the zip file from the Call site.
 - Unzip the file on a drive (e.g. C: drive or a USB key)
 - Double click on the .exe file inside the folder X:\TENtecESub.
 -  TENtec_eSub.exe
 - TENtec eSubmission - Applicati...
 - European Commission
 - Minimum system requirements
 - » Windows XP (Linux version also available)
 - » Java Runtime Environment (JRE) 1.6.0.
 - Included in the .zip file.

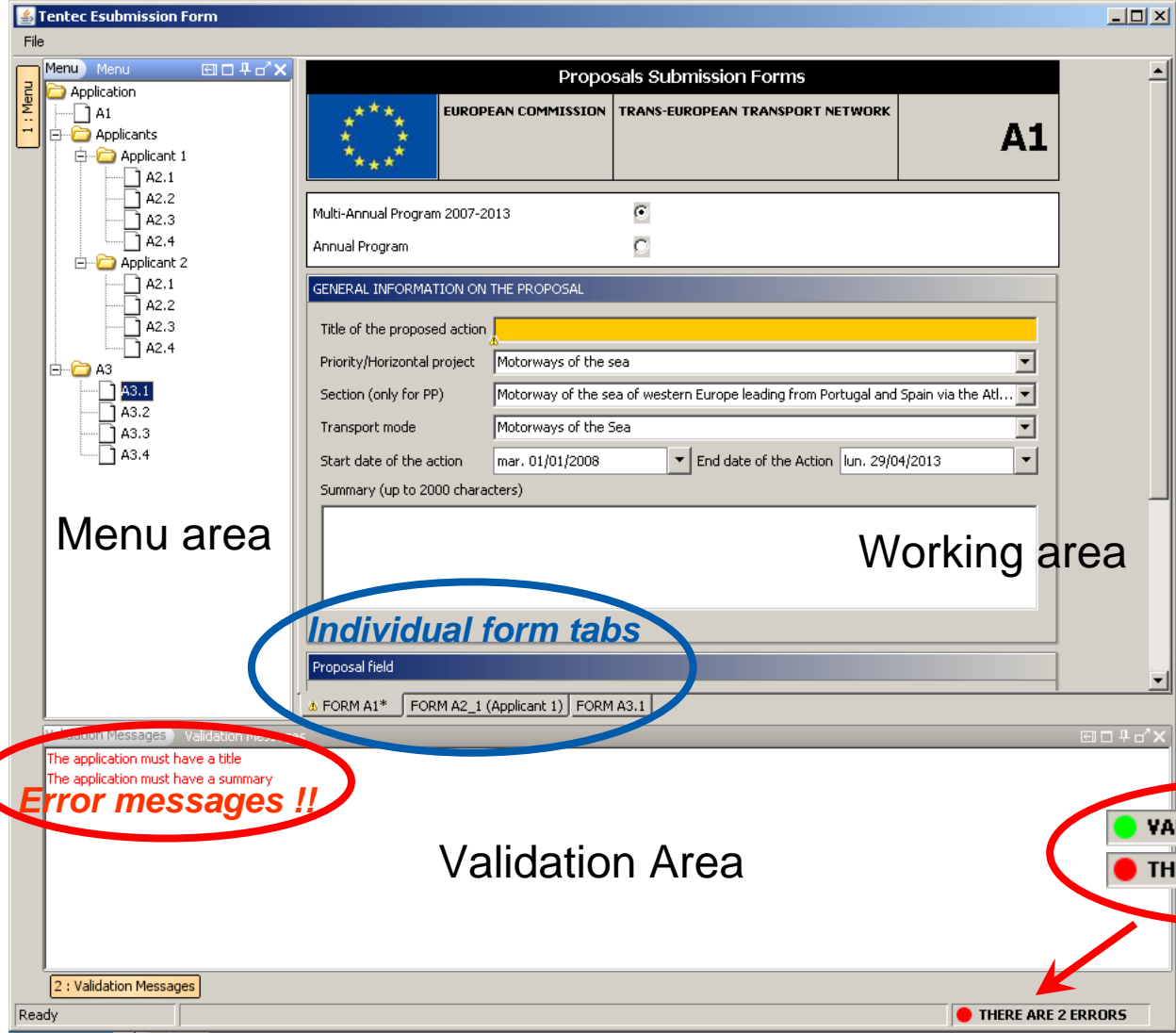
TENtec offline eSub Menus

- Create new application:
 - » File → New → New (Ctrl+N)
 - » File → New → New from existing file (Ctrl+E)
- Open application: File → Open (Ctrl+O)
- Save application: File → Save (Ctrl+S)
- Print(1):
 - » Proposal: File → Print → Print App. Form (Ctrl+P)
 - » Financial Identification: [See later](#)
- Close application: File → Close (Alt+F3)
- Submit application: File → Submit (Ctrl+F1)
 - » Generates reference no. & includes timestamp
 - » Changes file extension from ".etmp" to ".esub".
 - » Creates an e-mail message
(only if eSub can interact with your e-mail app)
 - » And Prints(1) the final version of the application
(including the reference no. & timestamp)
- Exit tool: File → Exit (Alt+F4)



Notes: (1) Print command just generates PDF-file

TENtec offline eSub Screen



Menu area

Working area

Individual form tabs

Error messages !!

Validation Area

VALID
THERE ARE 2 ERRORS

THERE ARE 2 ERRORS

● Legal Status of the applicant (Form A.2.1)

- Legal Status of the applicant has been reviewed.
 - » JU and IO are merged with Public Undertaking body.
 - » **New Status** : European Economic Interest Grouping (EEIG).

LEGAL STATUS OF THE APPLICANT

Please select the legal status of the applicant.

Member State

Public Sector body (including Joint Undertaking established under Article 187 of the Treaty on the Functioning of the European Union (ex Article 171 TCE)) / Body governed by public law / International organisation

Private Undertaking or Body

European Economic Interest Grouping (EEIG) created on the basis of Council Regulation (EEC) N° 2137/85 of 25 July 1985

(*) For international organisations and Joint Undertakings, attach the document from the Member States / EU institution(s) concerned which gives a mandate to the international organisation or creates the Joint Undertaking.

Automatic Pre-filling (Applicant Forms)

- Automatic pre-filling option for the completion of the applicant.
- Allow you to search for existing Legal Entity, Contact person, and bank account information directly from an embedded database.
- Advanced Search options dialog box.

Application Form Part A

EUROPEAN COMMISSION TRANS-EUROPEAN TRANSPORT NETWORK **A2.1**

APPLICANT

Applicant's legal name ADMINISTRADOR DE INFRAESTRUCTURAS FERROVIARIAS

ADMINISTRATIVE DATA

Street name C/ SOR ÁNGELA DE LA CRUZ

Select entity

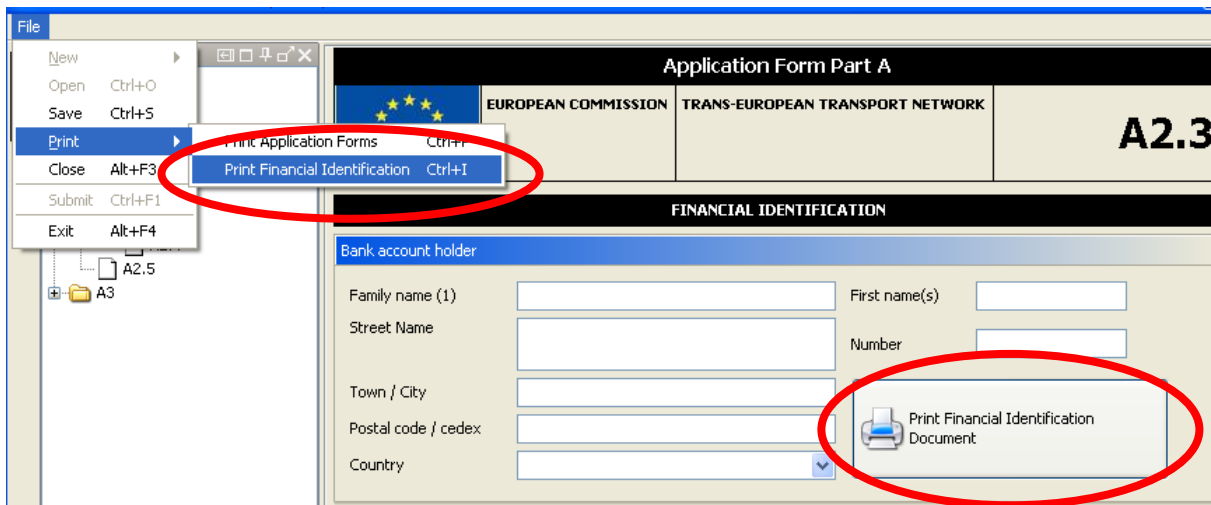
Search a legal entity


Legal name	Legal Status	Legal Address	Registration Number
ADMINISTRACAO DOS PORTOS DO DOURO ...	Public or Private Und...	AVENIDA DA LIBERDADE, ...	
ADMINISTRADOR DE INFRAESTRUCTURAS F...	Public or Private Und...	C/ SOR ÁNGELA DE LA CR...	G28016749
ADMINISTRADOR DE INFRAESTRUCTURAS F...	Public or Private Und...	C/ SOR ÁNGELA DE LA CR...	NA
ADMINISTRATION DE L'EQUIPEMENT ET DES ...	Public or Private Und...	RUE DU PROGRÈS, 80/1 B...	
ADMINISTRATION DE L'EQUIPEMENT ET DES ...	Member State	RUE DU PROGRÈS, 80/1 B...	
ADMINISTRATION DE LA NAVIGATION AÉRIE...	Public or Private Und...	BP, 273 LU LUXEMBOURG LU	
ADMINISTRAÇÃO DO PORTO DE SINES SA	Public or Private Und...	RUA DO PORTO INDUSTRI...	
AETIE-AVEP (EUROPEAN GROUP OF ECONOM...	Public or Private Und...	CALLE SOR ANGELA DE LA...	30 26.01.2001
AENOR AUTOR ESTRADAS DO NORTE, SA	Public or Private Und...	RUA ANTERO DE QUENTA...	
AEROPORTI DI ROMA S.P.A.	Public or Private Und...	VIA DELL'AEROPORTO DI ...	
AEROPORTI DI ROMA S.P.A.	Public or Private Und...	VIA DELL'AEROPORTO DI ...	13032990155
AEROPORTOS ESPAÑOLES Y MANEJACIÓN	Public or Private Und...	ADTUDO SORIA, 100 55 M...	

Accept Cancel

● Financial identification (Form A2.3)

- Option for printing the Financial identification form.
 - » From menu: Print all in one go.
 - » From form: Print individual form.
- Print-out using DG BUDG **template**.
- No reference number needed.



 **FINANCIAL IDENTIFICATION**

PRIVACY STATEMENT http://ec.europa.eu/budget/execution/miers_fr.htm

ACCOUNT NAME	
ACCOUNT NAME ⁽¹⁾	<input type="text"/>
ADDRESS	<input type="text"/>
TOWN/CITY	<input type="text"/>
COUNTRY	<input type="text"/>
POSTCODE	<input type="text"/>

CONTACT	<input type="text"/>
TELEPHONE	<input type="text"/>
FAX	<input type="text"/>
E - MAIL	<input type="text"/>

BANK	
BANK NAME	<input type="text"/>
BRANCH ADDRESS	<input type="text"/>
TOWN/CITY	<input type="text"/>
COUNTRY	<input type="text"/>
ACCOUNT NUMBER	<input type="text"/>
IBAN ⁽²⁾	<input type="text"/>

REMARKS:


BANK STAMP + SIGNATURE OF BANK REPRESENTATIVE <small>(Both Obligatory)⁽³⁾</small>	DATE + SIGNATURE ACCOUNT HOLDER: <small>(Obligatory)</small>
<input type="text"/>	<input type="text"/>
	DATE

(1) The name or title under which the account has been opened and not the name of the authorized agent.
 (2) If the IBAN Code (International Bank account number) is applied in the country where your bank is situated.
 (3) It is preferable to attach a copy of a recent bank statement, in which event the stamp of the bank and the signature of the bank's representative are not required. The signature of the bank account-holder is obligatory in all cases.




● Application Coordinator (Form A2.5)


- Only needed for multi-applicant proposals.
- Any applicant or implementation body can be coordinator of the action.

Proposals Submission Forms		
	EUROPEAN COMMISSION	TRANS-EUROPEAN TRANSPORT NETWORK
		A2.5
Application Coordinator		
Please choose one entity below to be the coordinator.		
<input type="checkbox"/> First Applicant		
<input type="checkbox"/> Implementation body 1 - No coordinator		
<input checked="" type="checkbox"/> Implementation body - Coordinator		
<input type="checkbox"/> Second Applicant		
<input type="checkbox"/> Implementation body 2 - No coordinator		
<input type="checkbox"/> Third Applicant		

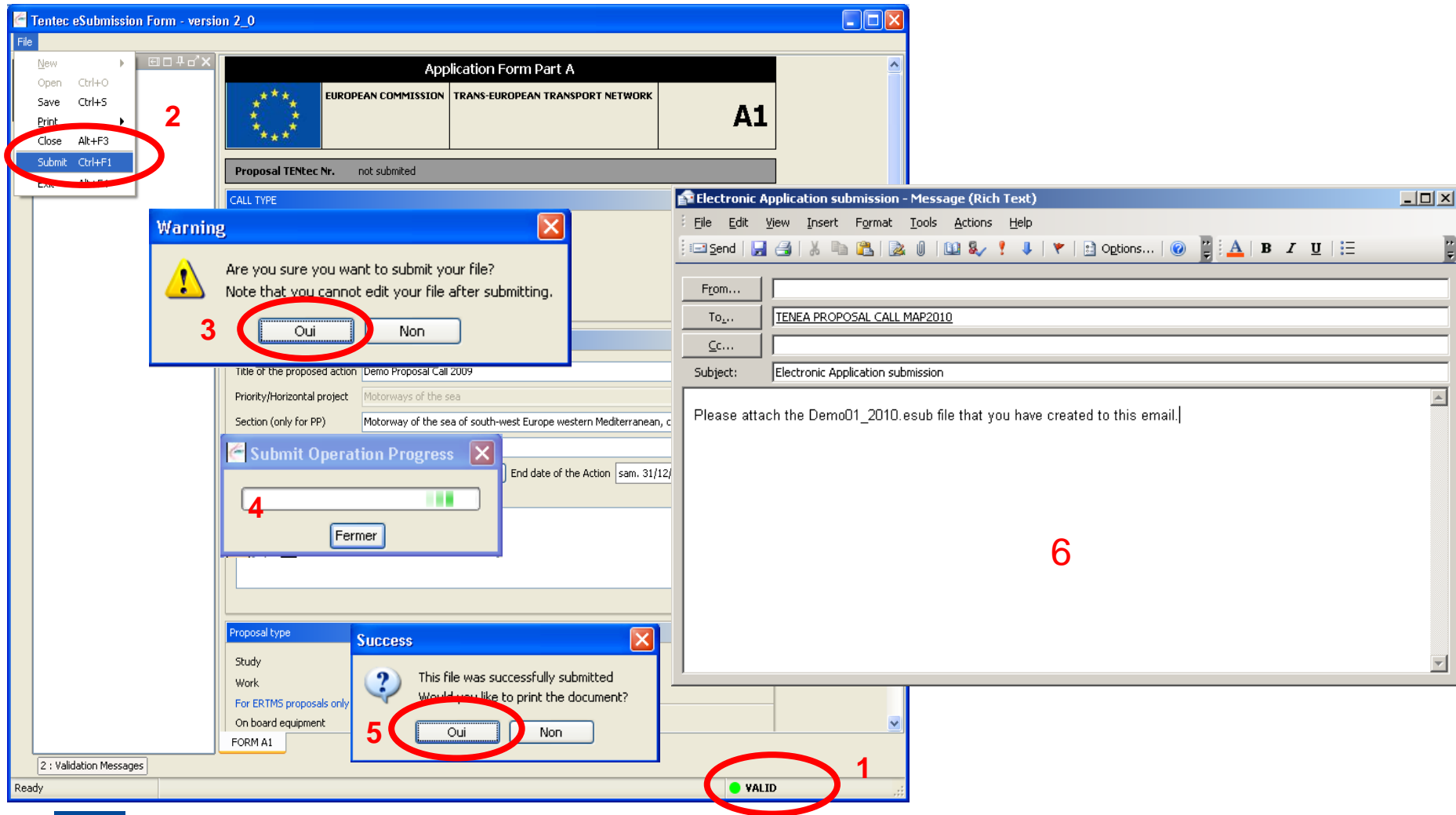
● The Technical Data (Form A3.4)

Proposals Submission Forms				
	EUROPEAN COMMISSION	TRANS-EUROPEAN TRANSPORT NETWORK	A3.4	
Railways Roads Airports Air Traffic Management Ports Inland Waterways Motorways of the Sea				
	Current Year	Current Value	Target Year	Target Value
Axle load				
Clearance or structure gauge				
Control and command system				
Freight capacity (t per year)				
Freight traffic flow (ton-km per year)				
Inclinaison (deg)				
Length of the section (km)				
Max speed (km/h)				
Number of tracks				
Passenger capacity (persons)				
Passenger traffic flow (pax per year)				
Rail voltage (V)				
Train length				
Voice system radio				

● The Translation form (**new** form A4)

Application Form Part A			
	EUROPEAN COMMISSION	TRANS-EUROPEAN TRANSPORT NETWORK	A4
Proposal TENtec Nr. <input type="text"/>			
Will an English translation be provided ?			
Application Form Part B1			
<input type="radio"/> N/A (i.e. proposal submitted in english) <input type="radio"/> Yes <input type="radio"/> No			
Application Form Part B2			
<input type="radio"/> N/A (i.e. proposal submitted in english) <input type="radio"/> Yes <input type="radio"/> No			
Annexes			
<input type="radio"/> N/A (i.e. proposal submitted in english) <input type="radio"/> Yes <input type="radio"/> No			
Translation cost			
If you will submit an English translation of the proposal, please give an estimate of the total cost of the translation. <input type="text"/>			

● Proposal submission (Part A)



The screenshot displays the Tentec eSubmission Form - version 2_0 interface. The main window is titled "Application Form Part A" and includes the European Commission logo and the text "EUROPEAN COMMISSION TRANS-EUROPEAN TRANSPORT NETWORK A1". The "Proposal TENTec Nr." is "not submitted".

Numbered callouts indicate the following steps:

- 1: A green "VALID" status indicator at the bottom right of the form.
- 2: The "Submit" button in the File menu, which is circled in red.
- 3: A "Warning" dialog box asking "Are you sure you want to submit your file? Note that you cannot edit your file after submitting." The "Oui" button is circled in red.
- 4: A "Submit Operation Progress" dialog box showing a progress bar and the name "Fermer".
- 5: A "Success" dialog box asking "This file was successfully submitted. Would you like to print the document?" The "Oui" button is circled in red.
- 6: An "Electronic Application submission - Message (Rich Text)" window with the subject "Electronic Application submission" and the body text "Please attach the Demo01_2010.esub file that you have created to this email." The window title bar is circled in red.



Roadmap – *An overview*

- History
 - » End 2006 – Original TENtec concept
 - » Spring 2008 – offline electronic proposal submission (eSUB)
 - » Summer 2008 – evaluation and ePMS synchronisation modules
 - » End Summer 2008 – production level “**bridge DG-TREN to TENTEA**”: decision module (-> negotiating & issuing individual project decisions in 6 languages -> committing the MAP 5 billion budget)
 - » Begin 2009 – offline iReporting -> Progress Report’09
 - » Summer 2009 – Upgrade of evaluation module (in collab. with TEN-T EA)
 - » 15 July 2009 – Inauguration of external pilot user group
 - » September 2009 – Portal pre-release version for testing (in collab. with DG-DIGIT)
 - » 21 Oct 2009 – Presentation of TENtec maps and TEN-T Progress Report at Naples
 - » 27 Nov 2009 – “**bridge to Member States**” Acceptance level release to all MS
- Planning 2010
 - » 12 Jan 2010 (TEN-T EA Workshop) – online eSub & offline eSub-2010 presented
 - » End Jan – modules eSub, iRep, ECAS, proposal/eval/decision
 - » Begin Feb – iRep (start data update for TEN-T Progress Report 2010 for Saragossa)
 - » Mid Feb - First Call (FABs) published (indicative)
 - » March – GIS server in production level
 - » April - Public Portal (Acceptance level)
 - » End May – Public Portal (Production level)
 - » 8 June 2010 Saragossa Conference (TEN-T Days 2010 & Progress Report 2010)
 - » Aug-Nov Integration of TEN-T EA special project manag. Modules: ASR & SAP
 - » July-Dec Development of data bridge DG-TREN to DG-REGIO
- Future Upgrades 2011
 - » New bridges to other TEN-T stakeholders (indicative): *European Investment Bank*
 - » Upgrade of citizens outreach
 - » Integration of special international relations module(s)

● Thank you for your attention!

- TENtec Team (Europ. Commission DG-TREN-B1: “External Transp.Relations & TEN-T Policy”):
 - » Sorin Andrei, Thomas Gascoigne, Mohammadi Laazzouzi, Sébastien Lim, Helmut Morsi
- Further information:
 - » Link for the Call (incl. eSub manual):
http://tentea.ec.europa.eu/en/apply_for_funding/follow_the_funding_process/calls_for_proposals_2010.htm
 - » Link to DG Energy and Transport (EC DG-TREN)
http://ec.europa.eu/dgs/energy_transport/index_en.html
- TENtec eSubmission Help Desk (managed by TEN-T EA):
 - » Email: tenea-helpdesk-call-map2010@ec.europa.eu
 - » [FAQ list](#) on the TEN-T EA website with answers to questions of interest, to ensure equal treatment between all potential applicants.
- TENtec Technical Help Desk (managed by EC DG-TREN):
 - » Email : TREN-TENTEC@ec.europa.eu
 - » Phone: +32 (0) 2 297 61 12