



TRANS SLO and TRANS NEW
Examples of
a FP6 and a FP7 EU funded project

Dennis Schut – UIC Brussels
(International Union of Railways)

www.uic.org



WBC-INCO.NET Priority setting
Consultation Session on Transport
May 19 and 20, 2009 in Sarajevo/Bosnia-Herzegovina

EU funded FP6 project

The aim was to:

- Map the transport research potential in Slovenia and neighbouring countries
- Promote research and development in Slovenia in the field of transport (dissemination and PhD Day etc)
- Set up a data-base of transport researchers in the region
- Promote collaboration between Slovenia and region and other EU countries
- Provide opportunities to exchange ideas between partners
- Prepare for next call for proposals
- Define national highlights and priorities in transport research

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TRANSSLO Partners were



Republic of Slovenia – Ministry of Transport



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Analysis of Slovenian national transport researchers

- **12234 researchers (all areas)**
 - 410 questionnaires / 171 responses
- **Structure**
 - Bachelor's degree **29%**
 - Master's degree **18%**
 - Doctor's degree **53%**

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Analysis of Slovenian national transport research area

Research areas: 37

Area of research	Percentage of researchers
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Ecology	2,0
Chemistry	2,4
Geodesy	2,7
Computer intensive methods	2,7
Telecommunications	3,4
Economics	3,6
Urbanism	4,2
Systems and cybernetics	4,6
Mechanical design	5,0
Manufacturing technologies and systems	5,7
Computer science and informatics	6,4

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Analysis of Slovenian national transport research area

Subject areas: 23

Subject area	Percentage of researchers
Transport economics	2.9
Ticketing and road pricing	3.3
Logistics	3.3
Network modeling	3.4
Transport policy	4.5
Railway infrastructure	6.0
Traffic detection and management	6.4
Environmental research	8.1
ITS	10.6
Safety	15.5
Road infrastructure	17

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Analysis of Slovenian national transport research area

National research organizations: 65

National research organization	Number of researchers in transport
University of Maribor, Faculty of mechanical engineering	10
Omega consult, Project management Ltd.	10
University of Ljubljana, Faculty of civil engineering geodetic engineering	12
DDC Consulting&Engineering	13
Traffic and transport institute Ljubljana Ltd.	14
University of Ljubljana, Faculty of mechanical engineering	15
Iskra systems PLC	15
University of Ljubljana, Faculty of civil engineering and geodetic engineering, Traffic technical institute	20
Slovenian national building and civil engineering institute	20
University of Maribor, Faculty of civil engineering	26
University of Ljubljana, Faculty of natural sciences and engineering	26
University of Ljubljana, Faculty of maritime studies and transport	32

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Slovenian Research Expertise

Slovenia has 11 “Transport Research Centres”

- 1 focuses on Freight Distribution
- 2 land use (including marine planning)
- 2 general transport including road management and ITS
- 1 focuses on ITS
- 1 concentrates on bus services and lines
- 1 standards and road construction
- 1 maritime and road safety
- 1 rail infrastructure and distribution centres
- 1 urban planning

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Relation between transport research activities in Slovenia and FP7 transport research activities

- The **greening** of surface transport
- Encouraging **modal shift** and **decongesting** transport corridors
- Ensuring sustainable **urban transport**
- Improving **safety and security**
- Strengthening **competitiveness**

- 1st – mapping Slovenia research in these areas (through questionnaires)
- 2nd – mapping Slovenia research needs in these areas (for future research projects and eventually towards transport policy research plan) – through interactive workshop – *priorities fed directly into the policy development of the Slovenian Ministry of Transport!*

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ASSESSING, ANALYSING AND DEFINING STRATEGIES FOR REALISING NEW MEMBER STATES' POTENTIALS IN TRANSPORT RESEARCH

TransNEW

Coordinating and Support Action aimed at supporting transport research activities in the NMS and AS

“Support for realising new Member and Associate States’ potentials in transport”



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Participants

1. Coordinator – NewRail Rail Research Institute of UNEW – UK
2. VGTU Lithuania
3. RTU Latvia
4. CDV Czech Republic
5. CTO Poland
6. SLOVCON Slovenia
7. Univ of Beograd – Serbia
8. Higher School of Transport – Bulgaria
9. EU-Travyz – Czech Republic
10. Techn Univ Moldova - Moldova
11. JÁFIAUTÓKUT Engineering Ltd. - Hungary
12. Euromobilita s.r.o. – Czech Republic
13. TUBITAK Turkey
14. ICI – Romania
15. Integral Consulting - Romania



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ASSESSING, ANALYSING AND DEFINING STRATEGIES FOR REALISING NEW MEMBER STATES' POTENTIALS IN TRANSPORT RESEARCH

TransNEW covers all transport modes, including Aeronautics

it aims at:

- Assessing, analysing and defining strategies for realising New Member States and Associated States' potentials in transport research**
- Market uptake of transport research results and support to SME's**
- Analysis and dissemination of key national and regional transport research results**



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TransNEW will cluster the research capacity results by the five FP7 Activities.

These are:

1. **Greening – environmental impacts of transport and climate change**
2. **Enhanced integration of transport modes**
3. **Safety and Security**
4. **Transport system efficiency and Mobility**
5. **Competitiveness**



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ASSESSING, ANALYSING AND DEFINING STRATEGIES FOR REALISING NEW MEMBER STATES' POTENTIALS IN TRANSPORT RESEARCH

Objectives of TransNEW

- To assess transport research capabilities
- To foster cross border-integration
- To create databases of expertise based on the TransNEW Knowledge Management Tool (KMT)

(The KMT is a regional wide database plus a dedicated SME focus)



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ASSESSING, ANALYSING AND DEFINING STRATEGIES FOR REALISING NEW MEMBER STATES' POTENTIALS IN TRANSPORT RESEARCH

Methodology

- Data collection from key researchers, country specific organisations in Universities and industry and transport-related projects
- Desk based research
- Questionnaire
- Data responses
- Interactive workshops

Same process to be used with SMEs



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Clustering:

To cover large workload TransNEW is split into clusters of

- 26 States
- modes of transport.



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TransNEW will be mapping the transport research capabilities in 26 NMS:

BALTIC STATES – Estonia, Lithuania, Latvia

CENTRAL EUROPE – Czech Rep. Hungary, Poland, Slovakia

WEST BALKANS – Bosnia Herzegovina, Croatia, Kosovo, Macedonia, Montenegro, Serbia, Slovenia

SOUTH BALKANS AND MEDITERRANEAN – Albania, Bulgaria, Cyprus, Malta, Moldova, Romania, Turkey

ASSOCIATED STATES – Iceland, Israel, Norway, Switzerland, Lichtenstein



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TransNew cluster leaders will be:

- Czech Rep.** Mode evaluation of Road and other transport modes
- Slovenia** Mode evaluation of Aero
- UK** Mode evaluation of Rail
- Poland** Mode evaluation of Waterborne
- Czech Rep.** SME support and promotion



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TransNew has 8 Work Packages (WP):

- WP0 MANAGEMENT
- WP1 BALTIC STATES
- WP2 CENTRAL EUROPE
- WP3 WEST BALKAN STATES
- WP4 SOUTH BALKANS AND THE MEDITERRANEAN
- WP5 ASSOCIATED STATES
- WP6 MODE EVALUATION
- WP7 DESIGN AND POPULATION OF THE DATABASE
- WP8 DISSEMINATION AND DATABASE



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WP3 WEST BALKAN STATES

Mapping the transport research capabilities in the West Balkan States and determining priorities at the regional level

Extra objective (building on TRANSSLO):

Assessing, analysing and defining strategies for transport research in Slovenia, Croatia, Serbia, Kosovo, Montenegro, Bosnia-Herzegovina and Macedonia (towards a common transport policy research plan)



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CO-ORDINATION OF WP3 ACTIVITIES

Activities will be co-ordinated with:

- Steering Platform for Research in the Western Balkan Countries
- INCO-NET (WBC-INCO-NET)

This will determine transport research capabilities and determine patterns and levels of collaboration on a regional and European level.



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TRANSPORT RESEARCH CAPABILITY IN BOSNIA-HERZEGOVINA

WP LEADER – UNIVERSITY OF BELGRADE (UBEL)

- Active contacts in Faculty of Transportation and Communications, University of Sarajevo
- UBEL will build on Bosnia-Herzegovina Transport Master Plan relating to intermodality and international trade



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ASSESSING, ANALYSING AND DEFINING STRATEGIES FOR REALISING NEW MEMBER STATES' POTENTIALS IN TRANSPORT RESEARCH

Thank you for your attention

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eu.travyz@yahoo.com



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