INTERNATIONAL WORKSHOP

ECOBridge - ECOnomical BRIDGE solutions based on innovative composite dowels and integrated abutments

04 SEPTEMBER 2013, TIMIȘOARA, ROMANIA
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ECOBRIDGE - ECOnomical BRIDGE solutions based on innovative composite dowels and integrated abutments

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ORGANIZED BY:

“POLITEHNICA” UNIVERSITY OF TIMISOARA DEPARTMENT OF STEEL STRUCTURES AND STRUCTURAL MECHANICS

S.C. SSF-RO S.R.L
1. **Scope and objective of the ECOBRIDGE workshop**

The International Workshop ECOBRIDGE - ECOnomical BRIDGE solutions based on innovative composite dowels and integrated abutments is the final Workshop of the “Demonstration of economical bridge solutions based on Innovative composite dowels and integrated abutments” research project.

The workshop has the aim to present the outcome of the “ECOBRIDGE” research project and to provide a forum, with European bridge researchers, administrators and constructors, for exchange of ideas in relation to the use of ECOnomical BRIDGE solutions based on innovative composite dowels and integrated abutments.

2. **The ECOBRIDGE project**

Project Acronym: ECOBRIDGE  
Grant Agreement Number: RFSP-CT-2010-00024

2.1. Project participants

Beneficiaries: ArcelorMittal Belval & Differdange S.A., Luxembourg  
Rheinisch Westfälische Technische Hochschule, Germany  
Schmitt Stumpf Frühauf und Partner, Germany  
TWT Sanierungsgesellschaft, Germany  
Universitatea "Politehnica" Timisoara, Romania  
SSF-RO Ltd., Romania  
Directia Regionala de Drumuri si Poduri, Romania  
Wroclaw University of Technology, Poland  
Europrojekt Gdańsk Sp. Zoo, Poland  
Energopol-Szczecin SA, Poland
2.2. Aim and objective of the ECOBRIDGE project

The project proposes the construction of three composite bridges with integral abutments and/or composite dowels.
3. **Main topics of the workshop**

The main topics of the workshop are related to the use of composite dowels for integral composite bridges, and particularly to the following aspects:

- Construction methods implementing composite dowels.
- Bridge examples: integral railway, highway bridges and ecoducts.
- Bridge monitoring.

The workshop will be held as part of the Eight International Conference “Bridges in Danube Basin” and represents session 4 of the conference.

4. **Workshop location**

The workshop will be held at the “Senat” hall of the “Politehnica” University, Piața Victoriei no. 2.

For details please see the map below.
5. Time table

The Eighth International Conference
BRIDGES IN DANUBE BASIN

Location of the conference
Banja Luka Faculty of Civil Engineering and Geodesy

3.30 - 5.30 Welcome and Introduction

5.30 - 6.30 Session 1

6.30 - 8.30 Session 2

8.30 - 10.00 Session 3

10.00 - 11.30 Paper presentations

11.30 - 12.00 Coffee break

12.00 - 14.00 Lunch

14.00 - 14.30 Welcome and Introduction

14.30 - 15.30 Session 4

15.30 - 17.00 Paper presentations

17.00 - 17.15 Coffee break

17.15 - 18.00 Session 5 - Poster session

18.00 - 18.15 Closing session

19.30 Conference dinner

Keynote lecture (90 minutes)

Chairman: Prof. Dr. Ing. Kristian Hristov TUPUROV
Co-chair: Prof. Dr.-Ing. Dr.-Ing. M. Eng. Johann KOLLEGER

Paper presentations (20 minutes for each presentation)

1. Wojciech LORENCE, Tomasz KOLAKOWSKI
Demonstration of economical bridge solutions based on innovative composite dowels and integrated abutments - Bridge examples from Poland

2. Daniel PNI, Nicole SCHILLO, Mak KOPP
Demonstration of economical bridge solutions based on innovative composite dowels and integrated abutments - Bridge Monitoring

Discussions

17.15 - 20.00 Conference dinner

19.30 Conference dinner

Restaurant of the Politehnica University Hotel - POLU 2, Bld. M. Eminescu no.11
6. Organizing committee

Assoc.Prof.Dr.Ing. Edward PETZEK
Prof.Dr.Ing. Radu BĂNCILĂ
Drd.Ing. Elena METEŞ
Drd.Ing. Luiza TOMA

7. Contact details

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