

Participants

The participants from Russian Federation will attend the Workshop by invitation only from the Organising Committee.

The invited Russian participants will be high technical managers of design departments of key Russian companies, experts from the standardization community and representatives from governmental institutions.

Event Registration

The invited delegates are requested to return the registration form by April, 15th.

Details for the event registration procedure will be provided by the Organising Committee.

Attendance Fees

No registration/attendance fees are requested from the invited participants. They are responsible for their own travel, accommodation and subsistence costs, which will be reimbursed neither by Federal Highway Agency, nor by the European Commission.

The Workshop secretariat will provide information to the participants about travel and accommodation arrangements.

Workshop Material

Relevant Workshop material will be distributed in the Workshop and the presentations will be available for download from the Eurocodes website <http://eurocodes.jrc.ec.europa.eu>

Venue

Hotel Kempinski Moika 22, St Petersburg, Russia

Language

The Workshop presentations will be in English and Russian.

Translation from English to Russian and vice versa will be provided.

Workshop Organising Committee

A. Pinto, S. Dimova and B. Nikolova
Joint Research Centre

N. Bystrov, M. Pozdnyakov
Federal Highway Agency, Ministry of Transport, Russian Federation

A. Zhurbin, O. Kashenko, A. Kostin
JSC "Institute "Stroyproekt"

With the Support of

European Commission
DG Enterprise and Industry: V. Leoz Argüelles, E. Hamdouch
Joint Research Centre: A. Pinto, S. Dimova

European Committee for Standardization (CEN)
CEN/TC250: J.-A. Calgaro (Chairman), M. Greenley (Secretariat), S. Denton (HG-Bridges)
CEN Management Centre: G. Ascensao

Federal Highway Agency, Ministry of Transport, Russian Federation:
N. Bystrov, M. Pozdnyakov

Self-regulated organisation RODOS:
O. Kashenko, S. Khaibullin

Further Information

Worked Examples on Bridge Design with Eurocodes - Workshop Secretariat

Russia:
Federal Highway Agency, Ministry of Transport, Russian Federation
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The European Commission website on the Eurocodes



EU - RUSSIA Regulatory DIALOGUE
Construction Sector Subgroup

Worked Examples on
BRIDGE DESIGN
WITH
EUROCODES

VENUE: Hotel Kempinski Moika 22
St Petersburg, Russia

17 - 18 APRIL 2013

ORGANIZED AND SUPPORTED BY

RUSSIAN FEDERATION
Federal Highway Agency, Ministry of Transport

EUROPEAN COMMISSION
DG Joint Research Centre
DG Enterprise and Industry

EUROPEAN COMMITTEE FOR STANDARDIZATION
TC250 Structural Eurocodes

Towards a common EU-Russia technical language

The world-wide interest in implementation of the Eurocodes is based on the opportunity to have a new common standardization environment, which is adaptable to the particular requirements of each country with regard to the geographical, geological or climatic conditions and allows selecting the level of safety. The Eurocodes provide a framework for a successful market uptake of high quality products, services and innovation and thus foster the sustainable competitiveness of the construction industry and its customers.

The WTO accession of Russia in 2012 will facilitate the investment and trade with its first trade partner – the European Union. The Eurocodes will boost business opportunities in the construction sector by removing technical barriers to trade with construction products and services, since they are the recommended means of giving a presumption of conformity with the basic requirements of the Construction Products Regulation, as well as the preferred reference for technical specifications in public contracts.

Valuable and positive interactions and exchanges between EU and Russian authorities and experts have been established in the framework of the EU-Russia Regulatory Dialogue/ Construction Sector Subgroup, and on the workshops: (i) Eurocodes: a tool for building safety and reliability enhancement – Moscow, 2008; (ii) Training the trainers: basis of design, Eurocode 1 and Eurocode 2 – Moscow 2010; (iii) Bridge design using the Eurocodes – Ispira/Italy, 2012. They opened the door for future cooperative actions, including the organization of a workshop on practical implementation of the Eurocodes into the bridge design with a wide participation of Russian experts.

Objectives

The Workshop is organized in the framework of the EU-Russia Regulatory Dialogue: Construction Sector Subgroup and intends to promote the adoption of the Eurocodes for bridge design in Russia and facilitate further implementation steps.

In particular, it is envisaged that the Workshop and round table discussion will serve the following objectives:

- Provide state-of-the-art worked examples and background information on the bridge design with the Eurocodes to the Russian experts;
- Facilitate exchange of views, knowledge and information between EU experts and representatives of key Russian organisations/institutions, industry and technical associations;
- Setup of expert working groups with EU and Russian experts to facilitate the national application of Eurocodes in Russia.

Programme

17 April 2013

09:00 – 9:10	Opening addresses <i>Federal Highway Agency, Russian Federation</i> <i>Joint Research Centre, European Commission</i> <i>DG Enterprise, European Commission</i>
09:10 – 9:25	Present and future of the road sector regulatory framework in Russian Federation <i>N. Bystrov – Federal Highway Agency, Russian Federation</i>
09:25 – 09:40	Advantages of interoperable legislation and standardization systems <i>V. Leoz-Argüelles – DG Enterprise</i>
09:40 – 09:55	Development of Bridge Construction discipline at Moscow State University of Civil Engineering <i>M. Leibman – Moscow State University of Civil Engineering (MSUCE), Vice-Rector</i>
09:55 – 10:10	Perspectives and benefits of international cooperation in standardization <i>G. Ascensão – CEN</i>
10:40 – 11:10	Organisation of the Eurocodes for the design of bridges <i>J-A. Calgaro – CEN TC250 Chairman</i>
11:10 – 12:15	Introduction to the design example and basis of design (EN 1990) <i>S. Denton – TC250 HG-Bridges Chairman</i>
12:15 – 12:30	Discussion
14:00 – 14:40	Actions on bridge decks and piers (EN 1991) <i>N. Malakatas – TC250 SC1 Chairman</i>
14:40 – 15:20	Bridge deck modeling and design process for bridges <i>L. Davaine – INGEROP, France</i>
15:50 – 17:00	Design of concrete bridges (EN 1992) <i>G. Mancini – TC250 SC 2 Chairman</i>
17:00 – 17:45	Design of composite bridges (EN 1994) <i>L. Davaine – INGEROP, France</i>
17:45 – 18:15	Geotechnical aspects of bridge design (EN 1997) <i>J-P. Magnan – IFSTTAR, France</i>
18:15 – 18:30	Discussion and closure of Day 1

Programme

18 April 2013

9:00 – 9:25	Experience of JSC "Institute Gipstroy most Saint-Petersburg" in application of Eurocodes for designing <i>I. Kolyushev – JSC "Institute Gipstroy most Saint-Petersburg", CEO</i>
9:25 – 9:45	Analysis of differences in design of bridge piers and foundations according to Eurocode EN 1997 "Geotechnical design" and according to the Russian standards <i>V. Petukhov – JSC "Institute "Stroyproekt", Deputy chief engineer</i>
9:45 – 10:10	Problems of harmonizing Russian bridge standards with Eurocodes <i>Y. Novak, Y. Egorushkin – NIC Mosti</i>
10:40 – 11:05	Differences of regulatory documents in determining seismic loads for long-span structures <i>S. Zadvornov – NPO Mostovik LLC, Chief specialist</i>
11:05 – 11:30	Adaptation of Ukrainian bridge standards to Eurocodes <i>M. Korneev – Kievstroyproekt LLC, Chief engineer</i>
11:30 – 11:45	EU-Russia technical cooperation project <i>N. Samikova – Delegation of EU to Russia</i>
11:45 – 12:45	Round table discussion and set up of expert working groups
12:45 – 13:00	Conclusions and closure of the Workshop
13:00 – 13:30	Media briefing

The Workshop will commence in the morning of 17 April and conclude in the afternoon of 18 April. The meeting of the EU-Russia Regulatory Dialogue will be held on 18 April, co-chaired by Mr. Leoz-Arguelles and Mr. N. Bystrov and the participation of JRC and CEN.

<http://eurocodes.jrc.ec.europa.eu>

The European Commission website on the Eurocodes