



EUROPEAN COUNCIL OF CIVIL ENGINEERS



FERNANDO BRANCO
ECCE PRESIDENT



SOLVING THE PROBLEMS OF CIVIL ENGINEERS





EUROPEAN COUNCIL OF CIVIL ENGINEERS

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EUROPEAN COUNCIL OF CIVIL ENGINEERS

**ECCE
PROMOTES
EUROPE
INTERACTION**





EUROPEAN COUNCIL OF CIVIL ENGINEERS

ENGINEERS EDUCATION



Continuing Education Courses
Information You Need

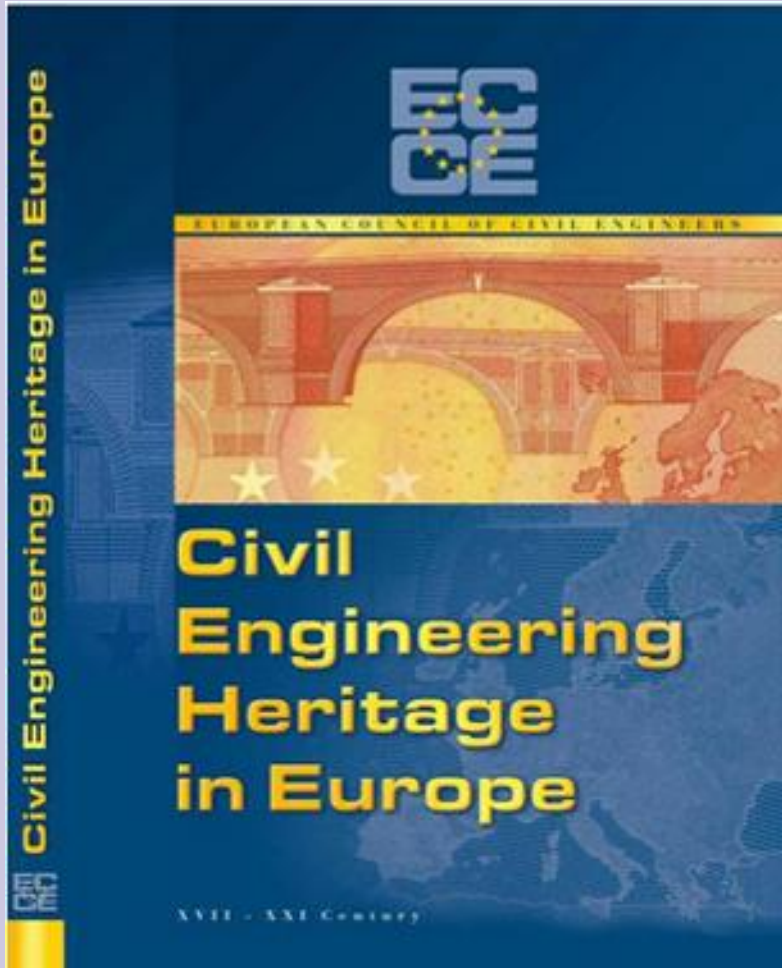


BRING GEORGIAN STUDENTS TO EUROPE

BRING EUROPE TEACHERS TO GEORGIA



EUROPEAN COUNCIL OF CIVIL ENGINEERS



BOOKS

**ECCE
INFORMATION**

<http://www.ecceengineers.eu/>

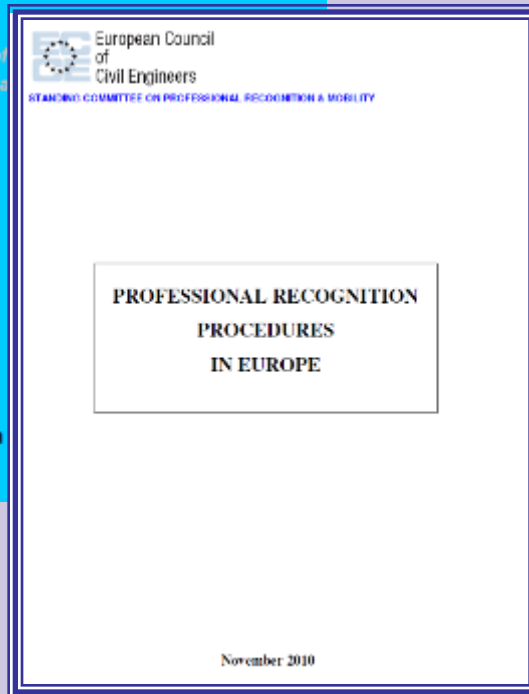


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**2005 Civil Engineering Profession
in Europe**

*A review of
from educa*

European



**SPECIFIC
REPORTS**

**ECCE
INFORMATION**

**[http://www.ecceengineers.
eu/](http://www.ecceengineers.eu/)**

**EU
INFORMATION**

<http://ec.europa.eu/imi-net>



EUROPEAN COUNCIL OF CIVIL ENGINEERS



NEWS FROM:

- Cyprus
- France
- Greece
- Hungary
- Italy
- Poland
- Slovenia
- United Kingdom
- ZG – Germany

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Prannouncement:
The 2nd European Engineers' Day will be held on 20th November 2014, at the Sofitel Brussels Europe Hotel in Brussels, organized by ECCE, ECCEC and FE-ANI in cooperation with other Engineering Organizations.

European Council of Civil Engineers

NEWSLETTER 4 DECEMBER 2013

Follow up actions on the communication on Sustainable Construction Thematic Group 1 report – Stimulating investment in building renovation, infrastructure and innovation



Thematic Group 1 (TGT1) leads, around, mandate and associated issues

The EC Sustainable Construction Communication places particular emphasis on encouraging renovation activities and infrastructure maintenance, as well as on innovation in the construction sector. Specifically, several EU policy documents and legal acts provide a framework for improved energy performance of existing building stock, new guidelines for Trans-European Networks (TENs), as well as the Connecting Europe Facility, will help develop and finance infrastructure, and programmes such as the future framework programme for Research and Innovation "Horizon 2020", the programme for competitiveness and SMEs "COSME" and the Cohesion Policy all offer opportunities for innovation in the sector.

To help drive these activities in the sector, TGT1 is mandated:

- To map sector needs and barriers to investment and financing in building renovation and infrastructure, as well as to the uptake of innovative approaches in the construction sector
- To make recommendations on how to proceed with concrete proposals and solutions within the context of EU and national legal acts and financial instruments

In 2013, according to its mandate, TGT1 was expected in priority to:

- Follow up on the Commission report on financial support for energy efficiency in buildings, particularly by assessing the effectiveness of national instruments, identifying needs and criteria for better using existing financial facilities or for establishing new facilities, and developing ideas for supporting energy performance contracting for small construction projects.
- Provide guidance on using EU financial instruments for renovation and infrastructure maintenance
- Organize a conference on innovation in construction
- Review the transposition of the new EU Late Payment Directive
- Assess investments needed or planned in new jobs and/or ICT systems

Summary of discussions at TGT1 meetings

Building Renovation

- Provide greater clarity in the scope and definition of renovation (in particular deep renovation) at EU level (e.g. common metrics to measure energy performance of buildings)
- Possibility of setting specific EU targets for energy efficiency improvements and renovation, distinguished by market segment concerned (housing, commercial and administrative buildings)
- The findings of the Commission report on financial support for energy efficiency in buildings. Divergent situations across MS; limited information on effectiveness of different financial support

measures, at EU and national level, barriers to energy efficiency investments remain.

- Cohesion Policy funds and funding energy efficiency in renovation, availability of funds for investment in energy efficiency and other sustainable energy actions (renewable energies, smart systems, etc.).
- Good practice regarding the combination of EU and national fiscal and financial instruments and for facilitating access to these instruments, as well as opportunities for involving private finance in energy efficiency projects
- Design and alignment of EU financial instruments, and development of insurance and financial guarantees, to support energy efficiency investments, particularly for smaller construction projects and projects by SMEs
- Key market failures impeding energy efficiency investments in buildings
- The role of split incentives in renovation
- EU and national regulation: National-level measures to implement and complement EU energy efficiency regulation, as well as the role of other non-energy regulations (national or EU) in stimulating energy efficiency renovation

Infrastructure

- Revised guidelines for the Trans-European Transport Network (TEN-T). At the first TGT meeting it was noted that the TEN-T guidelines were being revised, to address the fact that the TEN-T is not yet a comprehensive European network, but

THE NEWSLETTER

<http://www.ecceengineers.eu/>



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**TWO
CONFERENCES
PER YEAR**

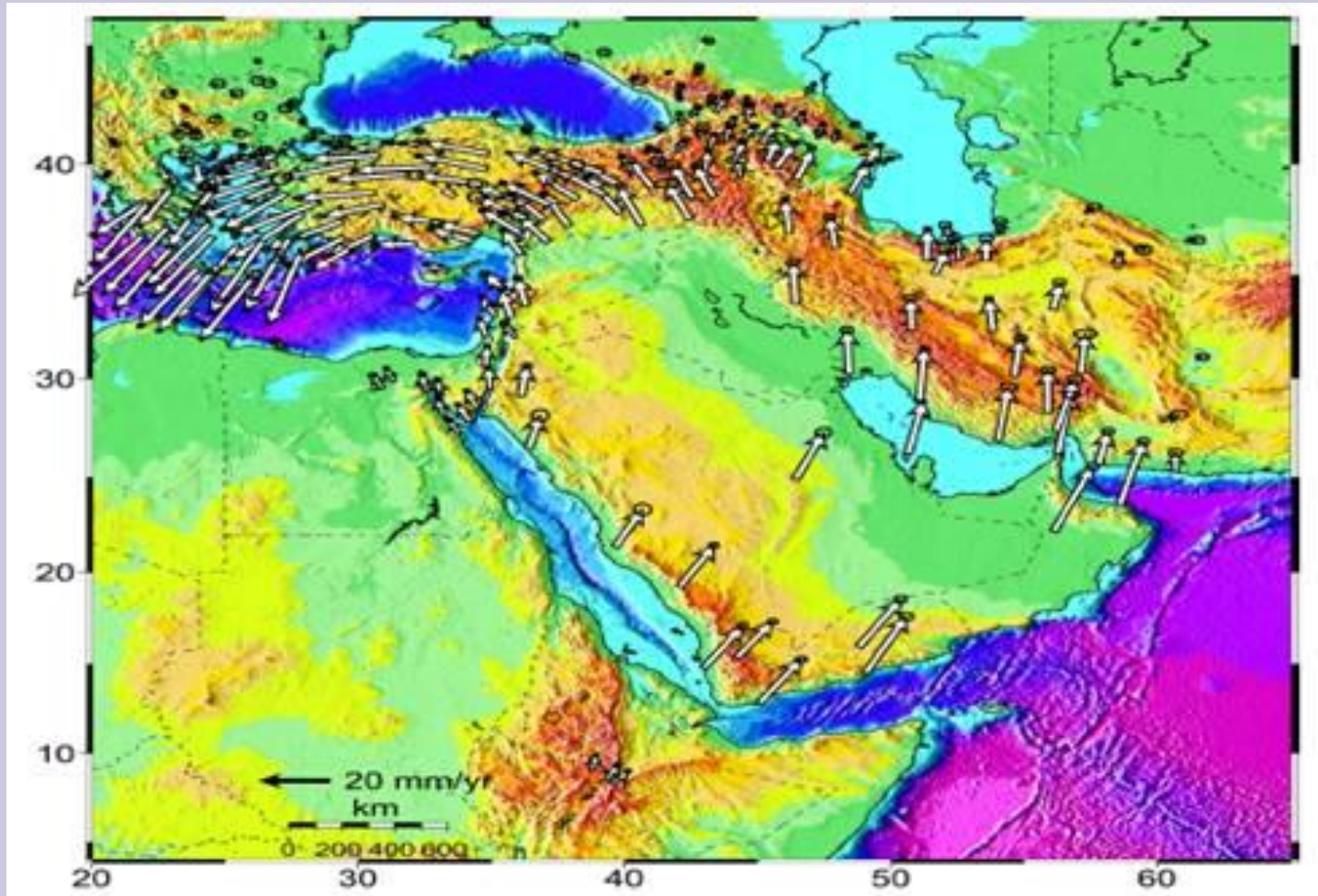
CHANGES IN CIVIL ENGINEERING
Lisbon 2013

WATER MANAGEMENT IN EUROPE
Nicosia, 2013

**SEISMIC DESIGN AND
REHABILITATION OF BUILDINGS**
Tbilisi, 2014

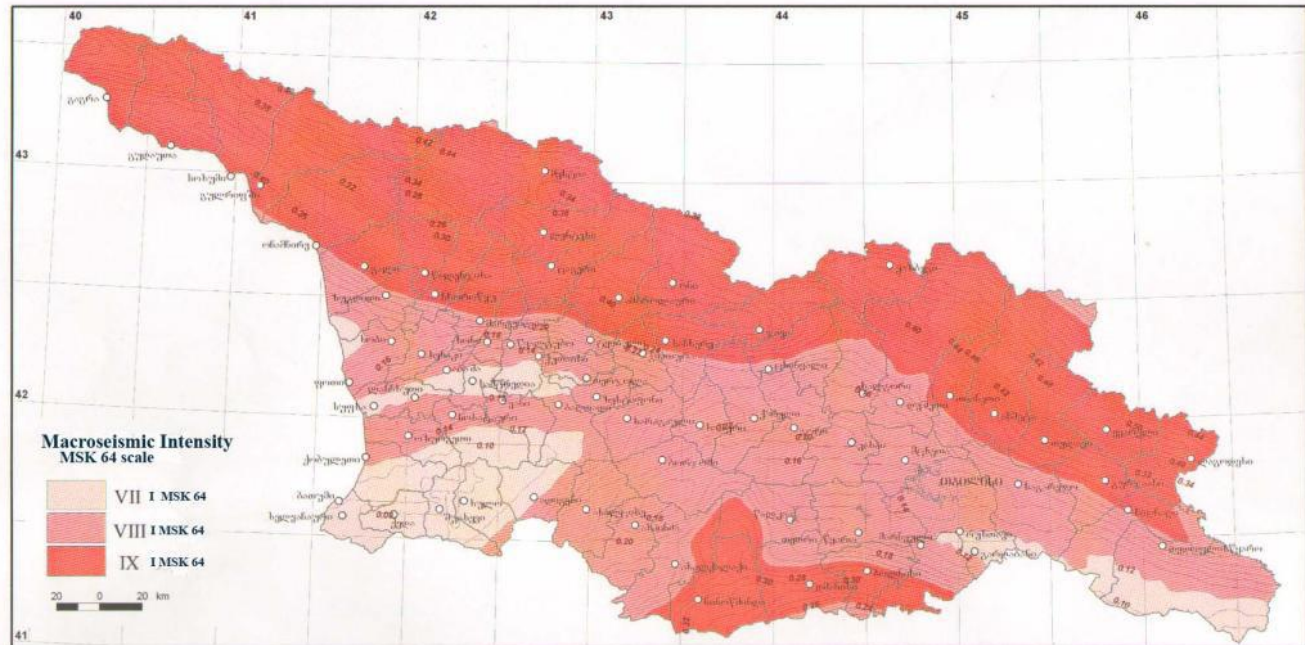


OIL AND GAS PIPELINES PROJECTS



SLABS MOUVEMENTS

SEISMIC HAZARD MAP
Maximum Horizontal Acceleration



SEISMIC HAZARD



HOW TO PREVENT SEISMIC DESTRUCTION ?



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ENJOY THE CONFERENCE !

