



# **ECCE BRIEF ACTIVITY REPORT**

## **JUNE – OCTOBER 2014**

*by Fernando Branco, ECCE President*

*&*

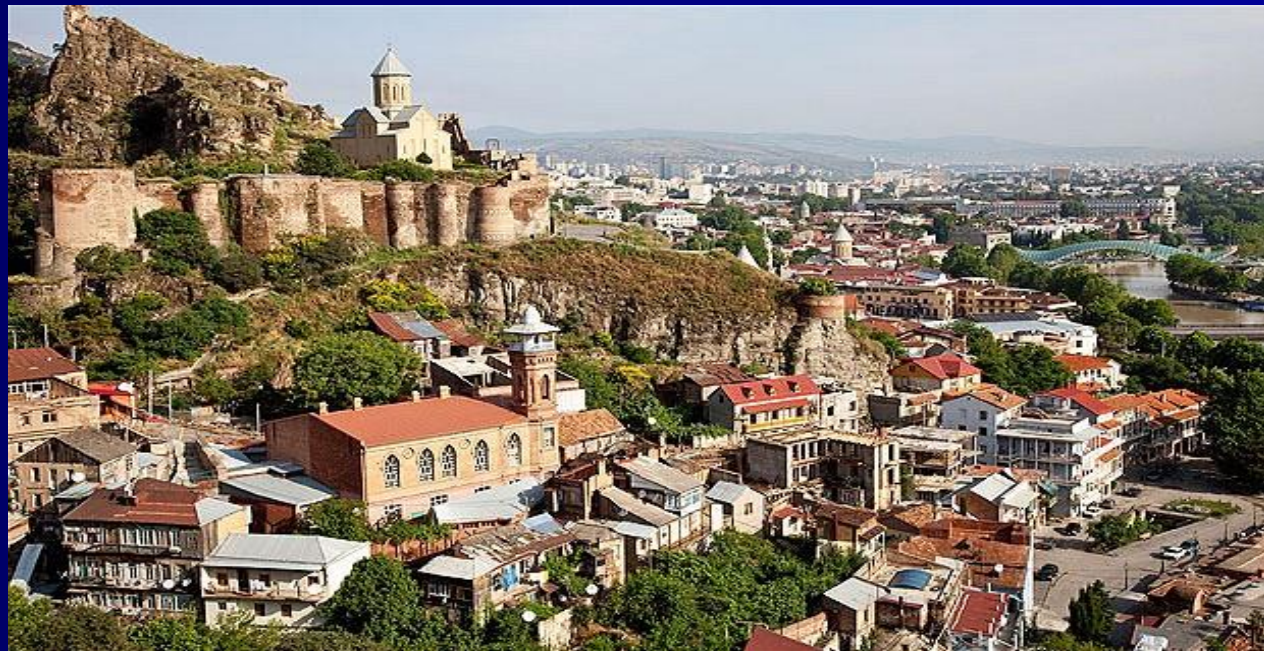
*Maria Karanasiou, ECCE General Secretary*

Warsaw, October 2014

# 59<sup>th</sup> ECCE General Meeting in Tbilisi, Georgia

**May 29 – 31 2014**

- 59<sup>th</sup> ECCE General Meeting in Tbilisi, Georgia hosted by the Georgian Society of Civil Engineers (GSCE) was organized with great success. The ECCE – GSCE – WCCE International Conference “Seismic design and rehabilitation of buildings ” took place on 29 – 30 May 2014.







ECCE-WCCE-GSCE International Conference  
"Seismics-2014. Seismic Resistance and Rehabilitation of Buildings"  
Declaration

In 2014 May 29-30 in Georgia, Tbilisi, was successfully held the Joint International Conference on: "Seismics -2014. Seismic Resistance and Rehabilitation of Buildings", organized by European Council of Civil Engineers (ECCE), World Council of Civil Engineers (WCCE) and Georgian Society of Civil Engineers (GSCE).

The world's leading scientists and specialists presented reports on current world's achievements in the field of seismic resistance. There were also presentations on experiences about preservation, study and conservation of cultural and historical heritage. A total of 43 reports were presented in a special book that was published and distributed to participants.

At the end of the Conference the Organizations involved concluded that it is important:

- To establish in Georgia a "Seismic Engineering International Center"- that gives the possibility with participation of local and leading international specialists to prepare the seismic professional training of civil engineers, to improve their qualifications, status and prestige leading to a contribution in structures protection from earthquakes.
- To develop for Georgia, based on European standards, the components of seismic behaviour spectra taking into account the regional seismic, geotechnical characteristics and local conditions at construction sites, allowing a better building design in Georgia.
- To make the changes and corrections to the construction norms and rules operating in Georgia (PN 01.01-09) based on the earthquakes worldwide and to perform a re-analysis of the seismic hazard map operating in Georgia.
- To promote periodically a conference dedicated to constructions seismic resistance in Georgia (tentatively every 2 years).

The undersigned express their hope that world government authorities, donors and other international organizations can support these issues, to an in-depth discussion that will lead to a positive decision.

Fernando Branco  
President of ECCE

Tomas Sancho Marco  
President of WCCE

Iuri Svanidze  
President of GSCE

# Declaration of the ECCE-WCCE-GSCE International Conference "Seismic design & rehabilitation of buildings"

# **AFTER TBILISI**



## 2 Years of Work

During these years, Europe faced the continuation of an economic crisis that was particularly felt in the Construction Sector and among our Civil Engineers members. It was a period of discussion of how Construction should evolve and ECCE clearly defined the direction with its motto to pass the crisis: "The 3Is - Investment, Innovation and Internationalization". This position allowed ECCE for the first time to have a seat in the "High level Tripartite Strategic Forum" where the investments and the innovation of the Construction in Europe were discussed, leading to proposals submitted directly to EU Commission.

Besides this important position in Brussels, ECCE also participated in meetings with associated European organizations developing the discussion of the main issues from education, to the application of EU Directives (Mobility, Procurement, etc.). Strengthening its position in Brussels, and after the success of the 1st Engineers Day in 2011, ECCE is now co-organizing in Brussels the 2nd Engineers Day, next 20th of November, with the participation of EU experts.

At international level, cooperation agreements were signed with ASCE, KSCE and JSCE and recently ECCE was involved in the cooperation with the Arab Countries through the creation of the Association of the Mediterranean Countries.

## 2 Years of Work

Internally, to make ECCE more attractive to our members, we began the publication of the ECCE Newsletter, now the e-Journal, with the description of our activities, information about what is going on in Brussels and publishing member countries activities and their major civil works. The e-Journal is sent to a multitude of members and is already a success. Also the ECCE website was renovated and all activities are there permanently displayed. A new ECCE book on "Pedestrian Bridges" is also expected for next October, representing an important editorial effort for our members.

The internal discussion of the major European Civil Engineering problems was implemented with a new agenda format, associating one International Conference to each ECCE General Assembly. We discussed in Lisbon the "Changes in Civil Engineering", the "Water Shortage" in Cyprus, the "Seismic Design and Rehabilitation" in Tbilisi and the "Innovation in Bridges" will be dealt with in our next meeting in Warsaw. The work of the Standing Committees is the basis of ECCE international positions and their coordination was also reorganized to optimize their results.

All these activities were illustrated in several contacts with European Engineering Associations, still outside ECCE, trying to bring them to our cluster, and showing the importance of having a strong network of European Civil Engineer Associations.

Two years passed and a new ExBo will soon take care of ECCE. Some ideas were not able to become finalized during this period, like the "ECCE Civil Engineering Card" or the UNESCO "International Day of Civil Engineering". Nevertheless, passing the testimony, I am sure that the new members will go on trying to achieve a bigger ECCE, always in the first line of representing the European Civil Engineers.

## “2<sup>nd</sup> EUROPEAN ENGINEERS’ DAY”

- The Second European Engineering Day will be held on 20th November 2014, at the Sofitel Brussels Europe Hotel in Brussels, organized by ECCE, ECEC and FEANI in cooperation with other Engineering Organizations.



- ECCE President Prof. Fernando Branco, ECCE President Elect Mr. Wlodzimierz Szymczak and Mr. Vassilis Economopoulos Past President with Mrs. Maria Karanasiou ECCE General Secretary follow up the preparatory works and the relevant organizational matters.
- ECCE Participated in the 2 meetings of the Organizing Committee that took place since May (Vienna 14/6/14, Brussels 27/9/14).



**Scope of the 2<sup>nd</sup> European Engineers' Day (1)**  
**“Mobile Engineers build an innovative Europe”**  
**20 November 2014**  
***Sofitel Brussels Europe, 1 Place Jourdan, Brussels***

Engineers' impact is visible in every aspect of human life: through increasingly more sophisticated inventions, techniques and equipment they enhance and irrevocably change society. Professional Engineers design and operate large projects and make society a better place to live: their solutions are always designed with economic, safety and functionality considerations in mind. Sustainability of the environment and aging infrastructures, deployment of innovative renewable sources of energy, increased quality of life, economic growth: they all await and expect engineering solutions. Therefore, in this globalized world, internationalization and cross-border recognition of engineering qualifications are important and vital to forge a better future for society.

The European Engineers' Federations ECEC, FEANI, ECCE, together with EFCA, ENAEE, CLGE and CLAIU wish to extend the public knowledge and appreciation of the engineering profession, their education and professional concerns and the capacity to solve the arising problems in a changing world, on this unique event. Public understanding of the engineering profession and its underlying science are important to support the calls for funding, as well as to enhance the prospect for successful adoption of innovative technical solutions.

**Scope of the 2<sup>nd</sup> European Engineers' Day (2)**  
**“Mobile Engineers build an innovative Europe”**  
**20 November 2014**  
***Sofitel Brussels Europe, 1 Place Jourdan, Brussels***

Meeting many of today's challenges associated to present society and environmental changes will also require unprecedented levels of public funding. As they have done throughout history, engineers will have to integrate their methods and solutions with the goals and desires of all society's members in Europe.

The “2nd European Engineers' Day” on 20 November 2014 will analyze those challenges and offer opinions and presentations of expert speakers. The European Engineers' Day will offer a forum for critical dialogue and participation and will focus amongst others on how engineers are educated and engaged in continuing professional development to better prepare them for the challenges ahead in building the coming new world. Students, researchers, entrepreneurs, scientists and policy decision makers are invited to take part in this unique event.

# Preliminary Agenda

## 2<sup>nd</sup> European Engineers' Day

(3)

9.00 – 10.00 Registration

10.00 - 10.30 Welcome Greetings by the Presidents of ECEC, FEANI and ECCE

10.30 – 10.45 Welcome Speech by a Representative of the EU Institutions

### Morning session “Mobility and Regulation”

*10:45 – 11:00 Representative of DG Markt on EPC/Transparency initiative*

*11:00 – 11:15 The public interest in professional regulation, MEP RA Dr. Andreas SCHWAB (GE)*

*11:15 – 11:30 The status of the engineer in society and the importance of mobility, Mr Alan STILWELLI CEng MICE (UK)*

*11:30 – 11:45 Engineering Challenges for a future Europe, Prof. Dr. Fernando BRANCO (PT)*

12.00 Round Table (Mr C.REMEC, Mr W.SZYMCAK, Mr B.REMAUD and Mr R.APPEL - the latter to be confirmed by FEANI)

13.00 – 14.00 Lunch + Networking

### Afternoon Session “Delivering Client Value”

*14:15 – 14:30 Representative of DG Markt on Public Procurement*

*14:30 – 14:45 Accreditation of Continued Engineering Education, Prof. Dr. José VIEIRA (PT)*

*14:45 – 15:00 The Relationship between price and quality of engineering services, Prof. Dr. Hans LECHNER (AT)*

*15:00 – 15:15 Internationalization of Engineering Activities, CivEng NTUA Vassilis ECONOMOPOULOS (GR)*

15.30 Round Table (Mr K.THÜRRIEDL, Mr R.BRANDI, Mr F.PEDERSEN, Mr V.STRAGYS)

16.30 Conclusions by the Presidents of ECEC, FEANI and ECCE

17.00 End

## 2<sup>nd</sup> European Engineers' Day

Mr. Martin FROHN, DG Internal Market and Services, Head of Unit E4: Free movement of professionals, has confirmed his availability and participation in the morning session of the event. Also, Mr. Jean Claud JUNCKER has been invited to make the key-note opening speech of the event and there are ongoing contacts with other EU Commissioners. MEPs and other EU representatives are expected to participate in the sessions and the Round Tables.

### REGISTRATIONS

Registrations are made electronically via the FEANI website by clicking the following link: <http://www.feani.org/site/index.php?id=297>

You are kindly requested to register as soon as possible.

# Important meeting on Civil Engineering Profession (1)

## 30<sup>th</sup> September 2014, Conference Centre Albert Borschette, Brussels

### GROUP OF NATIONAL COORDINATORS FOR THE RECOGNITION OF PROFESSIONAL QUALIFICATIONS MUTUAL EVALUATION OF REGULATED PROFESSION

In this meeting the National Coordinators (Ministries, Authorities, etc.) of the EU-28 MS were invited. The topic of discussion was the Civil Engineering and the Architects Professions. Two separate discussion papers were prepared by DG MARKT for these two professions. The participants were divided into four Groups of experts and there was also a plenary opening session and a closing session for all participants, coordinated by Mr. Martin Frohn, (DG Internal Market and Services, Head of Unit E4: Free movement of professionals).

Vassilis P. Economopoulos participated in this meeting within the Greek governmental representation, on behalf of the Technical Chamber of Greece on Civil Engineering Profession. Among the other National representations there were other ECCE individual members also: Alois Materna (Czech Chamber of Chartered Engineers and Technicians), Meyer Zygmunt (Polish Chamber of Civil Engineers), Diana Krizova (Slovak Chamber of Civil Engineers), Barbara Skraba Flis (Slovenian Chamber of Engineers). Mr. Mike Burnett participated on behalf of ICE.

# Important meeting on Civil Engineering Profession (2) 30<sup>th</sup> September 2014, Conference Centre Albert Borschette, Brussels

## GROUP OF NATIONAL COORDINATORS FOR THE RECOGNITION OF PROFESSIONAL QUALIFICATIONS MUTUAL EVALUATION OF REGULATED PROFESSION

Within the Working Groups of experts there were extensive discussions on the previously mentioned discussion papers. The whole process is ongoing and Vassilis Economopoulos will give more information in the ECCE meeting in Warsaw. At the closing session Vassilis had a quick discussion with Mr. Martin Frohn asking him about the involvement of European Engineering Organizations as stakeholders to this critical discussion for the Civil Engineering Profession in Europe. The answer was that currently this procedure is only focused to the National Coordinators of the Member States.



# ECCE E-Journal

**July 2014**

- A new initiative of ECCE, the issuing of periodic e-journal.
- The ECCE e-journal is prepared every three – four months.
- The goal is to bring together periodically the European Civil Engineers and to be aware of their problems and their realizations, organizing a forum of ideas and of news.
- The e-journal may also act as a mean to send ideas for discussion in Brussels.
- Next ECCE Newsletter will be in **DECEMBER 2014**

**Get involved with ECCE Newsletter !**



# European Council of Civil Engineers

E-JOURNAL 8

JULY 2014

NEWS FROM:

- Italy
- Latvia
- Lithuania
- Poland

INSIDE THIS ISSUE:

2nd European Engineers' Day: "Mobile Engineers build an Innovative Europe"

1st Conference of the Mediterranean Engineers Cooperation

Know your EU: 4 Directorate - General Internal Market & Services

News from EU & other Associations

ECCE Standing Committee on Environment & Sustainability

News from ECCE Members

90th ECCE Meeting and Conference

Conferences & Events

## Two years of work

by ECCE President Prof. Fernando Branco



After two years, this will be the last ECCE e-Journal to be issued under the present Executive Committee, so it is the moment to make a summary of this ECCE period.

During these years, Europe faced the continuation of an economic crisis that was particularly felt in the Construction Sector and among our Civil Engineers members. It was a period of discussion of how Construction should evolve and ECCE clearly defined the direction with its motto to pass the crisis: "The Six - Investment, Innovation and Internationalization". This position allowed ECCE for the first time to have a seat in the "High level Tripartite Strategic Forum" where the investments and the innovation of the Construction in Europe were discussed, leading to proposals submitted directly to EU Commission.

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Fernando Branco

## ECCE Members

### BULGARIA

[Union of Civil Engineers in Bulgaria](#)

### CROATIA

[Croatian Chamber of Architects and Engineers](#)

### CYPRUS

[Cypriot Council of Civil Engineers](#)

### CZECH REPUBLIC

[Czech Institution of Structural & Civil Engineers](#)

### ESTONIA

[Estonian Association of Civil Engineers](#)

### FINLAND

[Finnish Association of Civil Engineers](#)

### FRANCE

[National Council of Engineers and Scientists of France](#)

### GEORGIA

[Georgian Society of Civil Engineers](#)

### GREECE

[Association of Civil Engineers of Greece](#)

### HUNGARY

[Hungarian Chamber of Engineers](#)

### IRELAND

[Engineers Ireland](#)

### ITALY

[Consorzio Nazionale degli Ingegneri](#)

### LATVIA

[Latvian Association of Civil Engineers](#)

### LITHUANIA

[Lithuanian Association of Civil Engineers](#)

### MALTA

[Maltese Chamber of Engineers and Civil Engineers](#)

### MONTENEGRO

[Montenegrin Chamber of Mechanical & Civil Engineers](#)

### POLAND

[Polish Chamber of Civil Engineers](#)

### PORTUGAL

[Order of Engineers](#)

### ROMANIA

[Union of Associations of Civil Engineers of Romania](#)

### SERBIA

[Serbian Society of Civil Engineering](#)

### SLOVAKIA

[Slovak Chamber of Engineers](#)

### SLOVAK REPUBLIC

[Slovak Chamber of Civil Engineers](#)

### SLOVENIA

[Slovenian Chamber of Engineers](#)

### SPAIN

[Colegio de Ingenieros de Caminos, Canales y Puertos](#)

### TURKEY

[Turkish Chamber of Civil Engineers](#)

### UNITED KINGDOM

[Institution of Civil Engineers](#)

## ECCE Associate Members



ARONIS-DRETTAS-KARLAFTIS  
Consulting Engineers S.A.



ZENTRALVERBAND  
DEUTSCHER INGENIEURE e.V. - ZDI



National Technical University of Athens  
School of Civil Engineering



TEKDIS ENGINEERING



## European Council of Civil Engineers

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"Civil Engineers at the Heart of Society  
Building Life Quality and a Sustainable  
Environment"

The European Council of Civil Engineers (ECCE) was created in 1985 out of the common concern of the professional bodies for Civil Engineers in Europe that the Civil Engineers working together across Europe could offer much more to assist Europe advance its built Environment and protect the natural environment.

At the European Union level, ECCE aims to promote the highest technical and ethical standards, to provide a source of impartial advice, and promote co-operation with other pan-European organizations in the construction industry. ECCE also advises and influences individual governments and professional institutions, formulates standards and achieves a mutual compatibility of different regulations controlling the profession, and formulates standards for a European Code of Conduct of the Civil Engineering Profession and disciplinary procedures applicable throughout the Union.



# **STANDING COMMITTEES**



## **Standing Committee on Knowledge & Technology**

***Chairman: Ruben Paul Borg***

- **Task Force - Trends in Civil Engineering:**

Assessment of the Construction Industry and Civil Engineering in a short term and long term perspective.

Survey of Trends – Questionnaire. Second Version. New ECCE Regular Tool – Online.

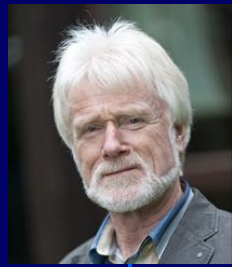
- **Task Force - BIM + LCA & Civil Engineering:**

Leading Expert – Specialist Group on BIM & LCA regular meetings  
Important emerging field in Civil Engineering, BIM+LCA.

Strategy and assessing trends in BIM and LCA in Europe and in identifying links between BIM, Environmental Performance & LCA.

- **Communication:**

**LinkedIn Group** Effectively Set up- Knowledge and Technology: Including New members from ECCE and National Organisations. Useful tool for ECCE Visibility and Communication.



## **Standing Committee on Environment & Sustainability**

***Chairman: Prof Carsten Ahrens***

***Vice Chairman: George Demetriou***

- Research on possibilities of EU-funding of water issues under life
- Visit to ICE in London
- Visit to Imperial College, London, water supply and water construction laboratory
- Sustainability and Compliance Management as new Standing Committee
- Cooperation between ECCE, WCCE and ISO-working group on Anti Corruption
- Anti-corruption Workshop at IACA, Laxenburg, AT



## **Standing Committee on Education & Training**

***Chairman: Prof. Iacint Manoliu***

- “Survey on the activities devoted to the continuing professional development (CPD) of European civil engineers”
- Information on the project BEP (BEST Educational Platform), having ECCE as associate partner.



## **Standing Committee on Associate Membership**

***Chairman: Mr. Vassilis Economopoulos,  
ECCE Past President***

***Vice Chairmen: Bora Kutruza & Aristides Karlaftis***

- Sending of ECCE promotional material for attracting Associate Members.
- Personal contacts for New Associate Members introduction to ECCE.
- Elaboration of information concerning the EU financial tools and networks for cross-cooperation between ECCE Members.
- Following up of all EU legislation, evolution and implementation on the topic of Mobility of Engineers and Professional Recognition.



**Standing Committee  
on Development & Business Environment**  
*Chairman: Mr. Hamish Douglas*

- Standing Committee has followed all items relevant to ECCE Activities by Internet, Press Release and attendance at the SME Working Group and Assembly in Naples
- More information on recent progress on all the items that the SC is working on will be presented during the SC Meeting in Warsaw.



**Task Force  
Civil Engineering Heritage**  
*Chairman: Mr. Gorazd Humar,  
ECCE Immediate Past President*

**Some highlights**

- The objective of the TF CEH to print the new ECCE book on footbridges is very close to be realized. Most of contributions from ECCE members were prepared and ready for final elaboration in the print house Grafika Soča in Slovenia. The computer elaboration of all photographs and all text arrangements including proof reading were executed. The book is scheduled to be printed latest on 14th October 2014 and presented at ECCE GAM in Warsaw.
- The book has 416 pages and is presenting 196 footbridges, 17 of them are from Japan. More than 70 people collaborated in the project preparing texts and photographs.
- In this way a four year project of TF CEH is concluded.

