

# ECCE BRIEF ACTIVITY REPORT

## JUNE - OCTOBER 2018

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&

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London, 22 October 2018





# 67<sup>th</sup> ECCE General Meeting

*31 May & 2 June 2018, Tallinn, Estonia*

(1)



- The 67<sup>th</sup> ECCE General Meeting was held on 31 May and 2 June 2018, in Tallinn, Estonia, hosted by the by the Estonian Association of Civil Engineers (EEL).
- The 67<sup>th</sup> ECCE General Meeting was part of the celebration of the ECCE initiative [“2018 European Year of Civil Engineers”](#).
- During the 67<sup>th</sup> ECCE GM the Russian Society of Civil Engineers – Moscow Department re-established its membership in ECCE.





European Council  
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# 67<sup>th</sup> ECCE General Meeting

*31 May and 2 June 2018, Tallinn, Estonia*

(2)



# International Conference “Civil Engineering and Cultural Heritage”<sup>(1)</sup>

*1 June 2018, Tallinn, Estonia*



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- The International Conference “Civil Engineering and Cultural Heritage” was held on Friday 1 June 2018, at the Tallink Spa & Conference Hotel, organized by the Estonian Association of Civil Engineers under the umbrella of the European Year of Civil Engineers and the European Year of Cultural Heritage. The Conference was very well attended by ECCE Members as well as by Estonian Engineers, students, professionals and academics.
- The Conference was opened by ECCE Acting President Włodzimierz Szymczak who presented the ECCE initiative to mark 2018 as the European Year of Civil Engineers. Włodzimierz Szymczak delivered the presentation that was prepared for this purpose and also the proclamation of the 2018 EYCE.





# International Conference “Civil Engineering and Cultural Heritage” *1 June 2018, Tallinn, Estonia*



# AFTER TALLINN



# ECCE participates in the first “Stakeholder Consulting Meeting” of the “Engineers Europe Advisory Group”, *11 June 2018, Brussels*

- ECCE was invited by the FEANI President Jose Vieira to participate at the first “Stakeholder Consulting Meeting” of the “Engineers Europe Advisory Group” (EEAG).
- The purpose of this meeting was to attract the management participation of all major European Associations, Federations or Networks involved with the profession of engineers, be it with a focus on education or particular business practice.
- Also, it aimed to coordinate with the “Engineering”-stakeholders a common agenda and to reflect on the possible “Terms of Reference” of what this “Engineers Europe Advisory Group” could become, could accomplish and could work on. And finally to discuss what the involvement of the various partners will consist of and in which constellation, according to which rules, composition, etc.
- ECCE was represented in this meeting by the **Executive Board member Andres Piirsalu** who attended the event as observer.



# ECCE participates in the 15<sup>th</sup> Anniversary (1) of the Serbian Chamber of Engineers, *14 June 2018, Belgrade, Serbia*

- On the occasion of the 15<sup>th</sup> anniversary of the founding, the Serbian Chamber of Engineers officially marked the "Day of the Engineers Chamber of Serbia" on June 14, 2018 in the Legacy of Petar Lubarda in Belgrade.
- ECCE was invited to participate in this celebratory event and it was represented by the **ECCE Vice President/ Treasurer Dimitar Natchev**.
- Dimitar Natchev congratulated the Serbian Chamber of Engineers on behalf of ECCE with a short speech focusing on the importance of implementing the goals, set by the European Engineering Organizations regarding the formulation of the responsible engineering position in economic and social life for safe building construction, economic growth and a healthy living environment.
- Latinka Obradović, Vice President of the Serbian Chamber of Engineers, congratulated the participants, referring to the achievements of the Chamber during the past 15 years. She mentioned also the blockade of the Chamber's work over the last year and a half and pointed out that the Chamber is already working and the licensing process runs smoothly.







## ECCE participates in the 15<sup>th</sup> Anniversary (2) of the Serbian Chamber of Engineers, *14 June 2018, Belgrade, Serbia*



- Prof. Dr Dragoslav Šumarac, ECEC Vice President and member of the Managing Board of the Serbian Chamber, emphasized the importance of the international cooperation of the Serbian Chamber with all engineering organizations in the region and with european and international organizations such as ECEC, ECCE and WFEO.



# ECCE participates in the ECCS European Steel Bridges Award Jury Meeting, *15 June 2018, Prague, Czech Republic*

(1)



- ECCE was invited to participate in the Jury for the 5<sup>th</sup> European Steel Bridges Award organized by the European Convention for Constructional Steelwork (ECCS).
- ECCE Vice President/ President Elect Aris Chatzidakis represented ECCE in this Jury.
- The objective of the EUROPEAN STEEL BRIDGE AWARDS is to give European recognition to outstanding steel and composite bridges emphasizing the many advantages of steel in sustainable construction, production, economy and architecture.
- The International Jury 2018 was: Pavel RYJACEK, Czech Constructional Steelwork Association; Dennis RADEMACHER, Chairman of the ECCS Bridge Committee; Georg PENDL, President of the Architects' Council of Europe; Aris CHATZIDAKIS, President Elect of the European Council of Civil Engineers; Roman KOUCKY, Architect and Head of Metropolitan Plan Office, Prague Institute of Planning and Development; Lasse KILVAER, Chairman of ECCS Awards and Architecture Committee; Véronique DEHAN, ECCS Secretary General.





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# ECCE participates in the ECCS European Steel Bridges Award Jury Meeting, *15 June 2018, Prague, Czech Republic*

(2)





# ECCE participates in the Awards Ceremony for the European Steel Bridge Award 2018, *11 September 2018, Prague, Czech Republic*



- ECCE Vice President/President Elect Aris Chatzidakis who was member of the Jury for the European Steel Bridge Award participated in the Awards Ceremony and delivered a speech.
- The European Steel Bridge Awards were chosen among the finalists, which were chosen from the initial nominees. This year a record of 35 projects were submitted.





# ECCE participates in the Awards Ceremony for the European Steel Bridge Award 2018,

*11 September 2018, Prague, Czech Republic*

**Winner in the road and railway category**

**THE RAILWAY BRIDGE LINE HOHENAU-PREROV, CZECH REPUBLIC**



The reconstruction consisted in the removal of a technically unsuitable bridge at km 80,930 of the railway line and provision of the requested railway line speed of 160 km/hour. The original three consecutive structures were replaced with a bridge with a single opening, as requested by the Morava River Basin Agency.

**Owner:** Správa železniční dopravní cesty

**Architect:** Václav Kocián

**Engineering company:** Exprojekt s.r.o

**Contractor:** FIRESTA - Fišer, rekonstrukce, stavby a.s.





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# ECCE participates in the Awards Ceremony for the European Steel Bridge Award 2018,

*11 September 2018, Prague, Czech Republic*



## Winner in the pedestrian and cycle bridges category **PARKBRUG SPOOR NOORD, BELGIUM**



This pedestrian bridge is a symbolic passage between the city and the port of Antwerp, through a single span between the London Tower and the High School. Its slender shape and playful openings give it the look of a modern work of art. The exciting footbridge symbolizes the enormous revalorization that these once unfamiliar neighbourhoods have undergone in recent years. A bridge resting on two buildings is something quite rare. It was clear from the beginning that this would become an unavoidable landmark.

**Owner:** AG Vespa

**Architect:** Ney & Partners

**Engineering company:** Ney & Partners

**Contractor:** Emotec nv



# ECCE participates in the II International Conference Seismic – 2018

*30 June – 1 July 2018, Tbilisi, Georgia*

- The Georgian Society of Civil Engineers organized the II International Conference Seismic – 2018 “Problems of Earthquake Resistance in Cultural Heritage Monuments Protection and Civil Engineering” under the umbrella of the European Year of Civil Engineers.
- **ECCE Vice President/ President Elect Aris Chatzidakis** represented ECCE in this conference and was part of the scientific committee.
- Aris Chatzidakis presented the initiative of ECCE “2018 European Year of Civil Engineers” as well as the Declaration for this initiative at the opening of the Conference and also delivered a presentation focusing on the existing Regulations, Recommendations and Guidelines on structural interventions on Monuments during the main part of the Conference.
- The Conference was well attended and a number of high level presentations from Academics and Engineers were delivered.





*30 June – 1 July 2018, Tbilisi, Georgia*



**Conference title**  
**Problems of Earthquake Resistance in  
Cultural Heritage Monuments Protection and  
Civil Engineering**



[www.gscecon.org](http://www.gscecon.org)  
[www.gsce.ge](http://www.gsce.ge)





# ECCE participates in the 3<sup>rd</sup> EAMC General Assembly, *6-7 September 2018, Beirut, Lebanon*

- On September 6-7, the 3<sup>rd</sup> General Assembly of the Engineering Association of Mediterranean Countries took place in Beirut, Lebanon.
- ECCE being a member of EAMC was invited to participate in this meeting and was represented by the **ECCE Vice President/President Elect Aris Chatzidakis** who is also a member of the EAMC Executive Board.
- Aris Chatzidakis participated also in the EAMC ExBo meeting.
- Delegations from Turkey and Portugal who represented also the Colegio de Ingenieros de Camines, Canales y Puertos participated for the first time and Emilio Colon represented WCCE.
- The progress of working teams was reported. The most active team is the construction one having two projects in which students from the Mediterranean universities are participating, competing about best ideas for the TUNIT project and the Smart Cities project.
- Aris Chatzidakis presented also the idea of structural sustainability that ECCE is trying to promote by position papers and presentations. It was agreed that EAMC shares this idea and will contribute to convince the authorities in Mediterranean Countries that structural upgrade of existing buildings and infrastructure has to be planned.



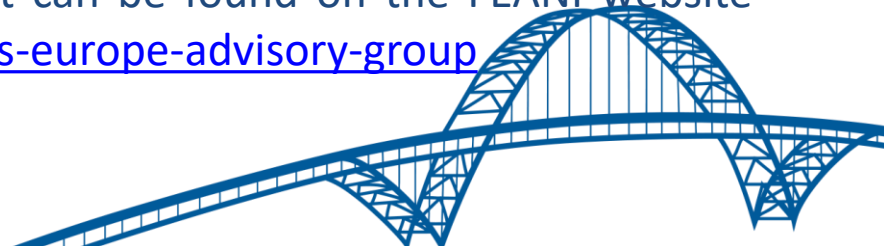
# ECCE participates in the 3<sup>rd</sup> EAMC General Assembly, *6-7 September 2018, Beirut, Lebanon*



# ECCE participates in the Inauguration of the Engineers Europe Advisory Group

*11 September 2018, Brussels*

- This event took place on Tuesday 11 September 17:00 - 20:00 at the Residence Palace in Brussels.
- ECCE was represented in this meeting by the **Executive Board member Andres Piirsalu** who attended the event as observer.
- The primary goal of the event was to discuss three pressing to the engineering profession topics:
  - 1.The challenges of the digital transformation;
  - 2.How the European engineering community of professional and educational organisations can better engage with industry on the future of work;
  - 3.How the voice of the engineers in Europe can be strengthened.
- Inauguration event was divided into two sessions:
  - 1.Academic session „The future of work, support future European industrial competitiveness, challenges of an ageing workforce“;
  - 2.Round Table Discussion on the specific issues of Digitalisation.
- Further details and materials on the event can be found on the FEANI website here <https://www.feani.org/feani/engineers-europe-advisory-group>



# ECCE participates in the Inauguration of the Engineers Europe Advisory Group *11 September 2018, Brussels*





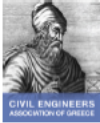
# ECCE participates in the Conference From Ancient Greek Technology to the Smart Cities of tomorrow, *27 September 2018, Athens, Greece*

- The Conference “From Ancient Greek Technology to the Smart Cities of tomorrow. Civil Engineering and its role in the history of construction” was held on 27 September, at the premises of the Eugenides Foundation, in Athens, Greece organized by the Technical Chamber of Greece and the Association of Civil Engineers of Greece as part of the celebration of the European Year of Civil Engineers.
- **ECCE Acting President Włodzimierz Szymczak** opened the Conference presenting the ECCE initiative.
- **ECCE Vice President/ President Elect Aris Chatzidakis** was among the Conference speakers and delivered a presentation on the “Origin of the science of construction, a brief reflection and current thoughts”.
- The keynote speaker of the Conference was Theodosios P. Tassios, Honorary Professor of the National Technical University of Athens (NTUA) and Chairman of the Association for the Study of Ancient Greek Technology who delivered a presentation on “Civil Engineering in Ancient Greece”.



# ECCE participates in the Conference From Ancient Greek Technology to the Smart Cities of tomorrow, *27 September 2018, Athens, Greece*

**TEE**  
TECHNICAL  
CHAMBER  
OF GREECE



## CIVIL ENGINEERS' DAY

From  
**Ancient Greek Technology**  
to the  
**Smart Cities of tomorrow.**

Civil Engineering and its role  
in the history of construction.



The Event takes place in the context of events organized throughout Europe during 2018 to celebrate the decision of the European Council of Civil Engineers - ECCE to proclaim 2018 as the **European Year of Civil Engineers (2018 EYCE)**

**Organizer:** Directorate of European Affairs & International Relations  
Department of European Affairs

**Exhibition with Models that are part of  
the collection of the Association  
for the Study of Ancient Greek Technology**

**Presentation of 3D Animation Film**

**ATHENS, 27<sup>th</sup> September 2018**

**Auditorium of Eugenides Foundation**  
387, Syggrou Av., P. Faliro



- The ECCE Executive Board held one skype meeting on 4 October.
- The main topics on which ECCE ExBo concentrated on the past months are the following:
  - Organization of the 68<sup>th</sup> ECCE General Meeting
  - ECCE's participation in the Global Engineering Congress
  - Preparations for the ECCE ExBo Elections
  - Negotiations with potential new ECCE Full and Associate Members
  - Assessment of the ECCE Position Paper proposal "The need for integrating Structural / Seismic Upgrade of Existing Buildings, with Energy Efficiency Improvements"
- FEANI Engineers Europe Advisory Group
- ECCE Financial issues
- ECCE e-journal





- An initiative of ECCE, the issuing of periodic e-journal.
- 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 e-journal will be in DECEMBER 2018
- Find the ECCE e-journals at our website  
<http://www.ecceengineers.eu/newsletter/index.php?id=621>

**GET INVOLVED WITH THE ECCE E-JOURNAL BY SENDING YOUR IDEAS AND NEWS!**





# European Council of Civil Engineers

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NEWS FROM:

- Austria
- Bulgaria
- Cyprus
- Poland
- Serbia
- Spain
- Turkey
- U.K.

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## 2018 European Year of Civil Engineers - An ECCE initiative to celebrate Civil Engineering

Join the European Council of Civil Engineers in 2018 for the European Year of Civil Engineers, a year when Civil Engineering will be celebrated across Europe.



**PROCLAMATION**

Dear Community of Civil Engineers, Dear Colleagues,

Civil engineering belongs to the oldest domains of human activity – its history is as long as the history of civilization. The social role of civil engineering in the development of mankind has always been of fundamental importance because the standards of human life has been so highly dependent on its progress. This can be observed from the beginning of human history up to the present day. Civil engineering deals with all aspects of the built environment (either physical or natural) and can be dated to the first time someone placed a roof over his or her head or laid a tree trunk across a river to make it easier to get across. And we can be confident that the role of civil engineering will continue to grow into the future.

Civil engineering as a domain of technological activity is a key element of the national and international economy. Economic progress is impossible without adequately developed social and physical infrastructure, including, for example, buildings, water distribution networks, and service and transport infrastructure networks.

Contemporary achievements of civil engineering, thanks to the progress of building knowledge and science, are spectacular. This is exemplified by numerous tall buildings, dams, large bridge structures, water infrastructure, motorways, sport stadiums and halls, theater houses, etc., constructed in the last decades and strongly influencing urban and extra-urban areas and landscapes. On the other hand, we should also note less spectacular but equally important achievements for social and economic reasons, such as residential buildings, smaller bridges, roads, industrial buildings, etc. The first field can be considered as extraordinary examples of civil engineering, illustrating its especially high level of achievement, while the second one can be considered as 'the work of the day' of civil engineers. Both of them are equally important.

The social, economic and cultural progress of every country is impossible without the contribution of civil engineers, based on their education, professional knowledge and experience. The impacts of their activity can be evidently observed in the form of buildings and structures of various types. Civil engineers are in general socially accepted or in many cases admired. In spite of its dynamic development and its very considerable modern achievements, civil engineering is commonly treated as a rather traditional domain of technology. This situation can be observed in many countries world-wide including in Europe.

However, the reality is that the role of civil engineers in advancing social, economic and cultural progress is especially high. Moreover, civil engineering is a profession that enjoys the highest level of public confidence. Civil engineers are ultimately responsible for the safe utilization of buildings and structures. This is an especially important and often forgotten aspect of the social role of civil engineers. Apart from their technological activities, civil engineers also increasingly consider the social effects of engineering decisions. To meet this condition, civil engineers continue to widen their knowledge of the economic and social sciences.

Ultimately, civil engineering is a very exciting profession. At the end of the day civil engineers can see the results of their work, whether this is a completed bridge, a port, a high-rise building, a subway station, a tunnel, a highway, a hydroelectric dam or even a small house.



# THANK YOU

