

2018

European Year of Civil Engineers

by Włodzimierz Szymczak, ECCE Acting President

&

Maria Karanasiou, ECCE General Secretary

Tallinn, 31 May 2018



2014:

Conception of the idea by President of the Polish Chamber of Civil Engineers, Andrzej Dobrucki during our 60th ECCE General Meeting in Warsaw.

2016:

63rd ECCE General Meeting in Madrid. Zygmunt Meyer presents the idea of organizing the European Year of Civil Engineers in 2017 starting from Warsaw. Idea was ratified by the General Assembly.

64th ECCE General Meeting in Athens. Proposal by ICE to designate the year 2018 as the European Year of Civil Engineers in combination with the 200th Anniversary of ICE. ECCE agrees with the proposal.

2017:

65th ECCE General Meeting in Antalya. Commencement of organization of the 2018 EYCE

2018:

The EYCE has started!





What we want to achieve



- Pay **social attention** to the fundamental **role of civil engineers** in the progress of the standards of the human life.
- Showcase **what civil engineers are and do** to the European citizens.
- **Raise the prestige of civil engineers** in the European society.
- **Raise the visibility** of the civil engineering profession across Europe.





How we will achieve it



- Proclamation of the 2018 EYCE has been widely disseminated.
- Special logo to be used throughout 2018.
- Standard presentation about the civil engineering delivered during all events of 2018 EYCE.
- Organization of series of events related to the civil engineering profession across Europe by our members in their countries.
- Marketing of the idea through press, media, website, e-journal, etc.
- Communication of our initiative to the European authorities.

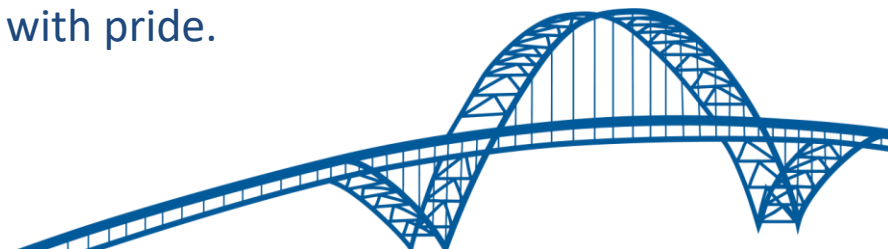


Opening event

2 December 2017, Nicosia, Cyprus

(1)

- The opening event of the 2018 EYCE was held on December 2, 2017 in Nicosia, Cyprus at Filoxenia Conference Centre. A numerous participation of Civil Engineers and representatives of Authorities and other engineering fields had the opportunity to celebrate the historical event.
- The celebration started with the reading of the EYCE 2018 proclamation by the president of the Cyprus Association of Civil Engineers Mr. Platonas Stylianou. The event took place during the 25th General Assembly of the Cyprus Association of Civil Engineers and the celebration of the 25th anniversary since its establishment, in the presence of the Minister of Interior, the ECCE President Elect Mr. Aris Chatzidakis and all the previous presidents of the Association. The event was held under the auspices of the President of the Republic of Cyprus Mr. Nikos Anastasiades.
- The participants expressed their appreciation for the decision of ECCE to celebrate Civil Engineering and to highlight the fundamental role of Civil Engineers in society offering their services with pride.



Opening event 2 December 2017, Nicosia, Cyprus

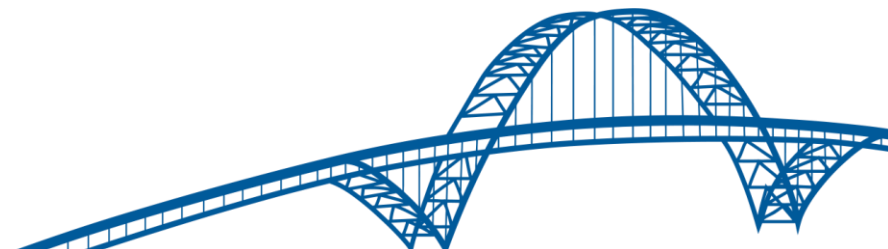
(2)

- The President elect of ECCE gave a speech titled “The professional who shaped the modern world. The birth of the science of construction, a small retrospective and current thought”. The speech enhanced the above fundamental role of Civil Engineers through the presentation of a historical approach of the development of the profession.





- Mishic's water day is a traditional professional meeting, which was held this time on December, 6, 2017 in Maribor, Slovenia. It was attended by 226 participants, Slovenian experts of water supply, design and research institutions, public and administrative services and 30 students of water engineering and environmental engineering. The event was also dedicated to the presentation of the year of European engineers – EYCE 2018. Additionally the conclusions of the 2nd Slovenian Congress on water, which was organized in April 2017 where presented.
- Three main themes were discussed:
 1. Reducing flood vulnerability in Slovenia,
 2. Drought vulnerability to Slovenia,
 3. The current projects in the field of water management.



- The selection of themes reflected the recent events in the past year, when extreme summer drought was again witnessed in Slovenia, as well as floods that occur almost every year. In the last twenty-five years alone, Slovenia suffered direct damages in the amount of EUR 1.74 billion due to floods, and additionally, EUR 660 million due to extreme droughts. This is a clear confirmation that the climate change is a realistic process. Unfortunately, we may expect such weather extremes even more frequent in the future.
- Therefore, the Government of the Republic of Slovenia on 28.7.2017 adopted the Flood Risk Reduction Plan (NZPO) for the period 2017-2021, with a budget of EUR 540 million for the implementation of a number of construction and non-construction flood prevention measures. The efforts of the Ministry of the Environment and Spatial Planning were sought to obtain additional financial resources for the implementation of NZPO and funding sources from the European cross-border, transnational and interregional cooperation programs, some of which are already operational (FRISCO).



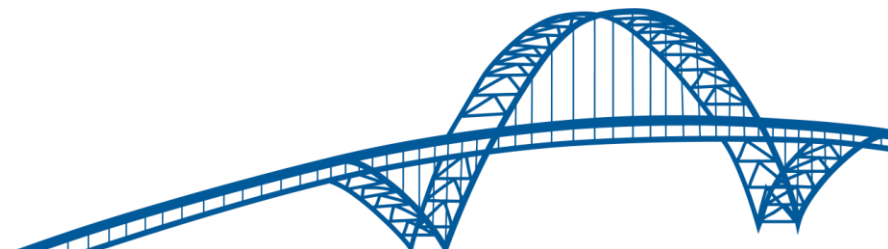
- At the conference, an overview of the already implemented and planned activities for reducing flood risk were presented, as well as the drought in general and its various appearances, with special highlighting on agricultural droughts which hit Slovenia more times in the 21st century. Contributions were provided in the field of drought management and measures to reduce its consequences.
- The majority of papers were dedicated to the current water management projects, which provides an overview of the activities in the field of research, planning and implementation of water management, which is the original goal of the Mishic's Water Day.
- The conference proceedings were published, and all papers are available also on the website of the conference organizer (<http://www.mvd20.com/zbornik.php?page=letnik2&leto=2017>) as well as video record of presentations on the webpage of Slovenian Chamber of Engineers (<http://www.izs.si/e-izobrazevanja/strokovni-dogodki/28-misicev-vodarski-dan-2017/>).





2nd Economic Forum for Construction and Architecture at Poznan International Fair BUDMA 2018

- The inauguration of the European Year of Civil Engineers (EYCE) in Poland was officiated by Włodzimierz Szymczak, the Acting President of the European Council of Civil Engineers, during the opening ceremony of the 2nd Economic Forum for Construction and Architecture at MTP BUDMA 2018. It is the oldest, biggest and most prestigious construction industry event in Poland. The opening ceremony was attended by representatives of the government of the Republic of Poland.
- “The year 2018 was proclaimed the European Year of Civil Engineers by the European Council of Civil Engineers (ECCE)” said Włodzimierz Szymczak, the Acting President of the European Council of Civil Engineers, at BUDMA 2018. “We want to turn your attention to the important role which civil engineers play in the life of every society, especially in the aspect of increasing the standard of living. We are going to strive to increase the prestige of civil engineering in European societies.”



2nd Economic Forum for Construction and Architecture at Poznan International Fair BUDMA 2018

- Social, economic and cultural progress is impossible without the work that civil engineers do thanks to their education, knowledge and professional experience. The effects of their efforts are embodied by a variety of structures. Yet, in many cases, civil engineers do not receive the appreciation they deserve compared to other professions. This is why one of the aims of the organizers of the European Year of Civil Engineers is to change that state of affairs.
- During his speech at the opening ceremony of the 2nd Economic Forum for Construction and Architecture at MTP BUDMA 2018, Włodzimierz Szymczak stressed the challenges ahead of the construction industry in the coming years, such as urban sprawl, the digital revolution providing us with huge amounts of data, fighting environmental degradation, and climate change. Szymczak also described the events organized as a part of the European Year of Civil Engineers and encouraged listeners to participate in them.





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2nd Economic Forum for Construction and Architecture at Poznan International Fair BUDMA 2018

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- On February 8 2018, a final conference was held within the ingREeS project. The main objective was to evaluate the project and look at the building industry (civil engineering) in terms of sustainability and energy efficiency.
- The ingREeS International Conference was held as part of the celebration of the European Year of Civil Engineers.
- The conference was attended by participants of the ingREeS project, trainers, ministry representatives, SKSI representatives and ingREeS project partners. Together, around 70 participants attended the conference.
- The overall results of the ingREeS international project in Slovakia and the Czech Republic were presented by the national coordinators of the project - Mr Funtík and Mr Majtner. Energy-saving construction in Austria was presented by Mr. Grunner of the University of Vienna. Mrs. Štrbíková of the National Institute of Lifelong Learning talked about the need to increase the qualification through further education.



- The IngREeS project is a European education and training system for construction professionals in the field of energy efficiency and the use of renewable energy sources in buildings. The project was prepared in the international environment of three countries of Austria, the Czech Republic and the Slovak Republic. Its goal was to prepare construction professionals for energy efficiency and the use of renewable energy sources in buildings.
- The ingREeS project, with its focus, priorities and planned activities, has embarked upon the European Build Up Skills Initiative (BUS). The scope of the Roadmap adopted in 2013 in the context of the first pillar of BUS Slovakia and BUS Czech Republic projects focused on the development of skills and knowledge of construction workers in the Slovak and Czech Republic is the ingREeS project extended to construction and middle management experts.
- This Roadmap - a roadmap - sets out the key measures for the establishment of national qualifications frameworks and the education and training system as well as other measures to ensure the development of the skills needed in energy efficiency in construction to meet the EU energy targets by 2020.
- Further information about the ingREeS partner (Association of Construction Entrepreneurs of Slovakia) and other
- partners you can find here: <http://www.ingrees.eu/en/partners/>





- On 8 – 9 March 2018, the most significant professional event of the Hungarian and Central European market was organized for the first time: the IDEA CONFERENCE. A two-day long professional program with international expertise in reinforced concrete and steel structure design, as well as parallel thematic sections. The Conference took place in Kecskemét, Hungary. (<http://ideaconference.hu/en/program>)
- The Conference IDEA 2018 was organized as part of the celebration of the European Year of Civil Engineers.
- The Conference was attended by 274 people from 131 organizations.
- Mr. István Lepsényi (State Secretary in charge for economic development and regulation) and Dr. Nagy Gyula (President of the Hungarian Chamber of Engineers) attended the Conference.
- 16 Press releases, 5 online platforms and nearly 20.000 "clicks" onto the web interfaces







Workshop on “Green Vilnius. An attractive place for active purpose near river Neris” multi-disciplinary international project

- On 29 -30 March 2018 a workshop on the “Green Vilnius. An attractive place for active purpose near river Neris” multi-disciplinary international projects was held in Vilnius Lithuania.
- The workshop was held as part of the celebration of the European Year of Civil Engineers.
- The projects were run by 12 teams consisting of college students, IUT Reims (France) and CNAM (France).
- The President of the Lithuanian Association of Civil Engineer Prof. Vincentas Stragys was invited to evaluate the projects.





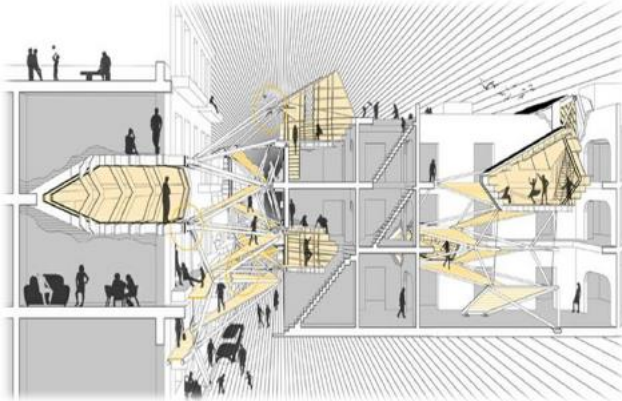
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Workshop on “Green Vilnius. An attractive place for active purpose near river Neris” multi-disciplinary international project



Green Vilnius. An attractive place for active purpose near river Neris



A multi-disciplinary international project

**The assignment book
2018**

The assignment book of the project can be found here:

<https://www.dropbox.com/s/z8h8xdj8qqgbv6t/assignment%20book%202018.pdf?dl=0>



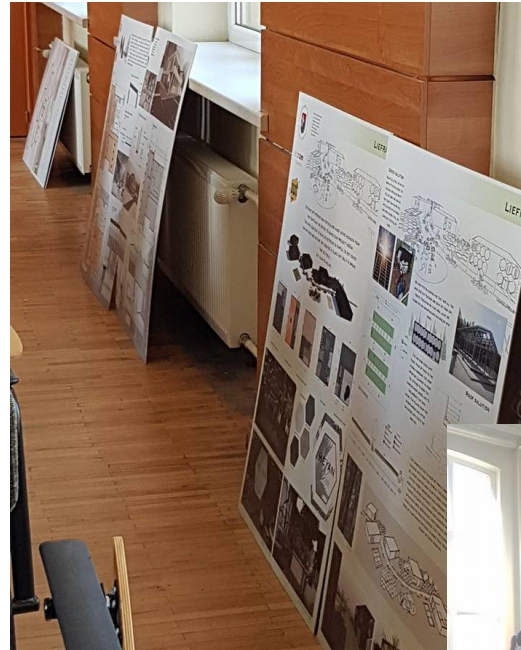


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Workshop on “Green Vilnius. An attractive place for active purpose near river Neris”

multi-disciplinary international project



International Exhibition of Construction RESTA 2018

- The International Exhibition of Construction RESTA 2018 was held from 25 – 28 April 2018, at LITEXPO or Lithuanian Exhibition and Congress Centre, in Vilnius, Lithuania.
- The International Exhibition of Construction RESTA 2018 was organized as part of the celebration of the European Year of Civil Engineers.
- RESTA is the largest international construction exhibition in the Baltics, dedicated to all builders, repairers and renovators. The exhibition presents the construction market news, materials, equipment, digital solutions, environmental trends.
- The first exhibition was held in 1994. At present RESTA is one of the most successful and longest exhibitions organized by the Lithuanian Exhibition and Congress Center LITEXPO. In recent years more than 500 companies from Lithuania and many European countries participate in it every year.



International Exhibition of Construction RESTA 2018

- This year 500 companies from Lithuania and 18 foreign countries participated in the exhibition: Belarus, Belgium, the Czech Republic, Denmark, Estonia, Greece, Spain, Italy, Latvia, Poland, the Netherlands, Norway, the Russian Federation, Finland, Switzerland, Ukraine, Hungary, Germany.
- The theme of RESTA 2018 was UNIVERSAL BUILDING
- This year's exhibition highlighted the construction based on the principles of universal design, according to which the buildings and the environment are designed to enable people to live, work, rest and enjoy them.
- The theme of universal construction combines all construction and related fields, clearly reflects the need for society to live, work and rest comfortably, using flexibility intuitively.
- The international conference "Construction of the Universe" was held for the first time at the exhibition which is closely linked to the theme of digital construction in recent years.



International Exhibition of Construction RESTA 2018



Memorandum of cooperation among seven Lithuanian Associations of Civil Engineering

- On 20 March 2018, seven Lithuanian Associations of Civil Engineering signed a Memorandum of Cooperation aiming to join forces and have one strong voice regarding civil engineering.
- The logo of the European Year of Civil Engineers has been included in the Memorandum of Cooperation.



Memorandum of cooperation among seven Lithuanian Associations of Civil Engineering



Vilnius, 2018-03-20

Lietuvos statybos inžinierių sąjunga, būdama Europos statybos inžinierių tarybos (European Council of Civil Engineers, ECCE) nare, pripažįstanti Europos statybos sritys inžinierių profesines vertybes ir siekianti suvienyti Lietuvoje visose statybos srityse dirbančius statybos inžinierius kartu su Lietuvos statybininkų asociacija, asociacija „Lietuvos keliai“, Lietuvos žemėtvarkos ir hidrotechnikos inžinierių sąjunga, Lietuvos vandens tiekėjų asociacija, Projektų ekspertizės ir gaisro saugos įmonių asociacija ir Lietuvos santechnikų asociacija, suprasdamos statybos inžinierių vaidmens nacionalinio ūkio kūrime svarbą, jų profesinės ir socialinės kompetencijos įtaką Lietuvos darnaus vystymosi bei pažangos kūrimo procese ir siekdamos būti aktyviomis šalies raidos ir gerovės kūrimo dalyvėmis, pasirašo šį

MEMORANDUMĄ

1. Bendradarbiavimo tikslai ir principai

Profesionaliai atstovauti statybos inžinierių poreikius ir interesus, vystyti jų savivaldą, visuomeninių organizacijų vaidmenį apibrėžiant, suteikiant, vertinant ir pripažįstant statybos inžinierių profesinę kvalifikaciją, aiškiai apibrėžti ir suvienodinti visų asociacijų šioje srityje taikomus reikalavimus bei tvarkas, vesti vieningą ir konsoliduotą informacijos kaupimo, saugojimo ir teikimo sistemą. Bendradarbiavimas grindžiamas bendruomeniškumo, rūpestingumo, sąžiningumo, profesinės etikos ir socialinės atsakomybės principais.

2. Bendradarbiavimo sritis

Asociacijos bendradarbiauja šiose srityse:

- 1) statybos sektoriaus profesinio standarto rengime ir įgyvendinime;
- 2) statybos inžinierių profesinės kvalifikacijos apibrėžimo, suteikimo, vertinimo, pripažinimo teisės aktų kūrime;
- 3) statybos inžinierių profesinės kvalifikacijos vertinime, atestavime ir pripažinime;
- 4) statybos inžinierių mokyme ir kvalifikacijos tobulinime, jų profesionalumo, konkurencingumo ir profesinės veiklos efektyvumo didinime;
- 5) statybos inžinierių profesinių, socialinių ir darbo interesų atstovavime;
- 6) vieningo statybos inžinierių registro kūrime ir priežiūroje;
- 7) Europos statybos inžinierių tarybos (European Council of Civil Engineers, ECCE) profesinės etikos kodekso nuostatų įgyvendinime;

- 8) Lietuvos Respublikos statybų sektoriaus teisės aktų rengime;
- 9) kitose srityse, kurias asociacijos bendru sutarimu pripažino kaip svarbias.

3. Bendradarbiavimo formos

Pagrindinės Šalių bendradarbiavimo formos yra:

- 1) keitimasis informacija, patirtimi ir gerąja praktika;
- 2) šalių atstovų, ekspertų ir delegacijų susitikimų organizavimas;
- 3) konferencijų, seminarų, konsultacijų, diskusijų, pasitarimų ir kitų renginių organizavimas ir dalyvavimas juose;
- 4) kitos sutartos bendradarbiavimo formos.

4. Įgyvendinimas

Memorandumas neturi įtakos kitiems Šalių priimtiems isipareigojimams. Memorandumas įgyvendinamas pasirašant konkrečias bendradarbiavimo sutartis šio memorandumo tikslų realizavimui.

Lietuvos statybos inžinierių sąjungos Prezidentas Vytis Stragys

Lietuvos statybininkų asociacijos Prezidentas Dalius Gedvilas

Asociacijos „Lietuvos keliai“ Tarybos Pirmininkas Rimvydas Gradauskas

Lietuvos žemėtvarkos ir hidrotechnikos inžinierių sąjungos Prezidentas Audrius Petkevičius

Lietuvos vandens tiekėjų asociacijos Prezidentas Bronius Miežutavičius

Projektų ekspertizės ir gaisro saugos įmonių asociacijos Prezidentas Algis Čaplikas

Lietuvos santechnikų asociacijos Prezidentas Juozas Mačiulaitis

100 Atkurtai
Lietuvai



- The Balkan Engineering Forum “Regional cooperation for sustainable and consolidated European perspective of engineering organizations in the Western Balkans” was held on 21 May 2018 in Sofia, under the auspices of The Bulgarian Presidency of the Council of the EU. The forum was an event within the celebration of “2018 – European Year of Civil Engineers”. The forum was co-organized by the Union of Civil Engineers in Bulgaria, ECCE and the Ministry of Regional Development and Public Works of Bulgaria.
- Formal guests of the forum were high-level government and civil society representatives: eng. Valentin Yovev Deputy Minister of Regional Development and Public Works of Bulgaria, Margarita Popova, Vice President of R Bugaria (2012-2017); Vice President and General Secretary of Bulgarian Industrial Association, prof. Zoran Sapuric, Minister for regulation and improvement of investment climate in the Government of the Republic of Macedonia, the former Yugoslav Republic of Macedonia, Ambassadors of some countries participating in the Forum, representatives of Bulgaria’s EU Council Presidency, Aris Chatzidakis, ECCE President Elect, Klaus Thurriedl, ECEC Secretary General, Prof. Dr. Eng. Ivan Markov, Rector of University of Architecture, Civil Engineering and Geodesy (UACEG) and leaders of Bulgarian engineering organizations.



- ECCE Vice President/ President Elect Mr. Aris Chatzidakis participated in this event representing ECCE and addressed a speech titled “Civil engineers. The profession that gave shape to the modern world - a brief historic review and some current concerns”.
- In his presentation Aris Chatzidakis made an overview of the historical development of the profession of civil engineers from the ancient world to the contemporary modern world. The civil engineers -an important part of European civilization and its traditions.
- The transition from military to civil engineering and the emergence of civil engineering has been considered. This is the reason this year, 2018, has been marked to celebrate 200 years of engineering services - designing, planning and building the world we live in today.



- Aris Chatzidakis during his presentation said:

“The complex environment generally requires widening structural study subject from the individual to the collective level. Today, we need to extend our competencies towards other interdisciplinary areas, take the digitization of the sector as an inevitable way of working, and master improve our teamwork.

Innovations must be applied within a sound construction tradition. Knowing the construction and engineering history, as well as the history of our profession are essential for future engineers.

Engineering institutions and chambers have a very important role to play in preserving this historical tradition and high standards of ethics and excellence.

But we should not forget that civil engineering is a creative profession in which talent will always be appreciated”.



- Mr. Dimitar Natchev, ECCE Vice President/ Treasurer also participated in this event. During his presentation he said:

The History cannot and must not be forgotten. Reading and rethinking the past, we must move forward, creating conditions for stability and prospects for the peoples, engineers and architects in this part of Europe. "

Today, we have new friends, we will help them to build sustainable engineering associations in their countries. ECCE and ECEC are ready for this.

"What challenges do the engineers in the Balkans face today? The panel discussion and presentations clearly mark them:

Make common efforts to increase the competitiveness of engineers and construction companies in the new, complicated global environment. We expect support from the state.

Mobility of engineering services and any issues arising from this. "

"I hope the Balkan Engineering Forum will strengthen our cooperation, create fruitful new contacts among our colleagues, prepare the Declaration from Sofia –our message to society and governments."

- Further information can be found at <http://www.bef.uceb.eu/>









Communication of the EYCE to the EU Authorities

Congratulations and support letters received by the following:

- **European Commission President Jean – Claude Juncker**
- Deputy Director General **Irmfried Schwimann** (Internal Market, Industry, Entrepreneurship and SMEs) on behalf of **Commissioner Elżbieta Bieńkowska**
- **Commissioner Carlos Moedas** (Research, Science and Innovation)
- **Commissioner Tibor Navracsics** (Education, Culture, Youth and Sport)

Congratulations letters received by the following:

- **Commissioner Mariya Gabriel** (Digital Economy and Society)
- **European Commission First Vice – President Frans Timmermans**
- **Commissioner Dimitris Avramopoulos** (Migration, Home Affairs and Citizenship)





ECCE's additional contribution to the European Year of Civil Engineers

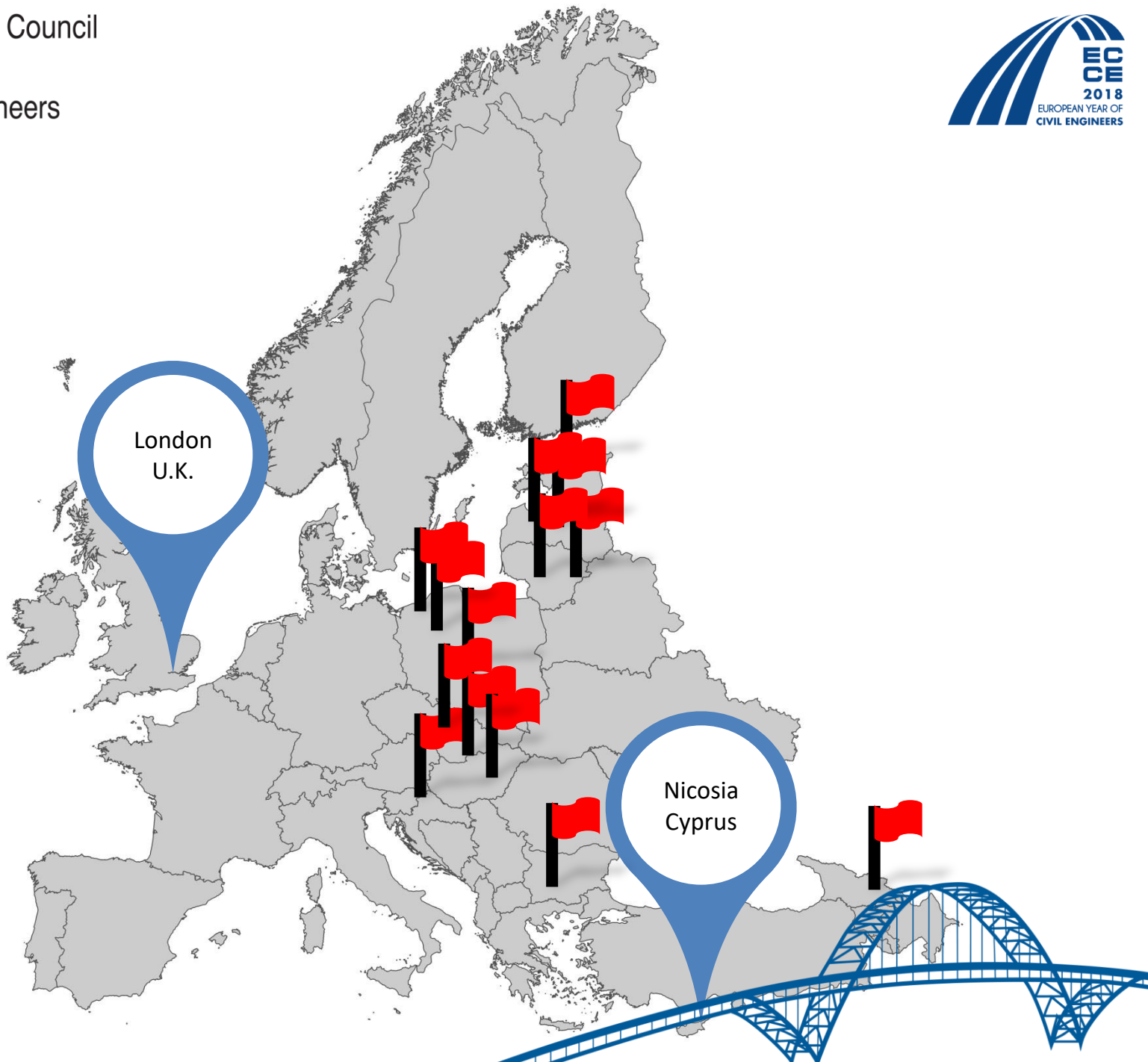


- The ECCE Executive Board decided to contribute to the EYCE by granting free access to the two ECCE book editions **“Civil Engineering Heritage in Europe”** and **“Footbridges – small is beautiful”**.
- The two books can be downloaded via the ECCE website at the following links:
 - **“Civil Engineering Heritage in Europe”**
http://www.ecceengineers.eu/news/2018/ECCE_CEHE_book.pdf
 - **Footbridges – small is beautiful”**
http://www.ecceengineers.eu/news/2018/ECCE_Footbridges_book.pdf
- Preparation of an ECCE booklet **“The history and the role of civil engineers through the centuries”** with the aim to present it at the closing event of the EYCE, in London.





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Let's mark together 2018 as the European Year of Civil Engineers by adding more events in the map!



THANK YOU

