



### **FUTURE PRESPECTIVES**

**FERNANDO BRANCO** 



## SOLVING THE PROBLEMS OF CIVIL ENGINEERS







# THE GLOBAL NETWORK



#### **EU - BRUSSELS**

DG E. Industry
DG Int. Market
ECF - CPMC

**ENG. ASSOC.** 

FEANI ECEC



#### **EDUCAT / INVEST**

ECCREDI EUCEET SEFI CLAIU - EU

#### **INTERNATIONAL**

ASCE KSCE JSCE WCCE



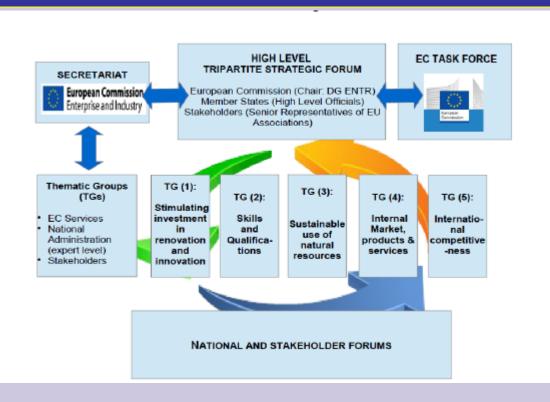
## PROFESSIONAL MOBILITY

THE REVISION OF

**EU DIRECTIVE ON MOBILITY** 

TEMPORARY MOBILITY
PARTIAL ACESS





CLOSE TO BRUSSELS DECISIONS

## MEMBER OF EU HIGH LEVEL STRATEGIC FORUM FOR CONSTRUCTION

UPDATED WITH NEWS FROM BRUSSELS THROUGH THE EUROPEAN CONSTRUCTION FORUM









CO-PROMOTER OF ENGINEER'S DAY

## FORUM FOR DISCUSSION WITH EU REPRESENTATIVES OF MAIN CIVIL ENGINEERS PROBLEMS

1<sup>ST</sup> Engineers Day – Brussels 2012

2<sup>nd</sup> Engineers Day – Brussels 2014 (20<sup>th</sup> November)





## INSIDE ECCE





## THE STANDING COMMITTEES





ACTIVE STANDING COMMITTEES

- **0. Professional Recognition (stoped)** 
  - 1. Development & Business Environment
- 2. Knowledge & Technology
  - 3. Environment & Sustainability
  - 4. Education & Training





ACTIVE STANDING COMMITTEES

- **5. Civil Engineering Heritage**
- **6. Associate Membership**



## STANDING COMMITTEES



- -DIRECT SUPERVISION FROM AN EXBO MEMBER
- ELECTION REGULATION
- IMPLEMENTATION OF WORK PLANS



- NEED MORE PARTICIPATION FROM MEMBERS
- NEED MORE OUTPUTS FOR MEMBERS





## THE INTERNATIONAL CONFERENCES





TWO
CONFERENCES
PER YEAR

#### **CHANGES IN CIVIL ENGINEERING**

Lisbon 2013

#### **WATER MANAGEMENT IN EUROPE**

Nicosia, 2013

#### SEISMIC DESIGN AND REHABILITATION OF BUILDINGS

Tbilisi, 2014







-GOOD QUALITY

-GOOD ECCE IMAGE



- INVOLVE MORE LOCAL ENGINEERS

-DISSEMINATION OUTSIDE ECCE

## MODERN SOLUTIONS IN BRIDGE CONSTRUCTION

**Warsaw**, 2014





## THE E-JOURNAL





#### NEWS FROM

#### INSIDE THIS IRRUE:

58th ECCE 2

ECCE Stand- 3 ing Committee on Knowledge & Technology

New from EU & 4 other Associa-

Names from: 8 **ECCE Num-**

**ECCE Next-**Ings and Conferences

Conferences & 18

#### Preannouncement:

Day will be held on 20th Novem ber 2014, at the Softel Brussels Europe Hotel in Brussels, organized by ECCE, ECEC and FE-ANI in cooperation with other Engineering Organizations.

#### **European Council of Civil Engineers**

Follow up actions on the communication on Sustainable Construction

Thematic Group 1 report - Stimulating investment in building renovation, infrastructure and innovation



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

To help drive these activities in the sector, TQ1 is mandated.

. To map sector needs and bertiers 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 properly with concrete proposels and edutions within the context of EU and national legal exts and financial instrumerts

priority to

. Follow up on the Commission report on financial support for . Cohesion Policy funds and energy efficiency in buildings, perficularly by assessing the effectiveness of national instruments, identifying needs and ofteris for better using existing actions (revewable energies, financial facilities or for establishing new facilities; and developing . Good practice recording the ideas for supporting energy perfurnance contracting for small

finencial instruments for renovation and infrastructure mainte-

construction projects.

. Organize a conference on innovation in construction.

. Review the transposition of the new EU Late Payment Directive

. Assess Investments needed or planned in new tobe and/or ICT

#### TOT meetings

#### **Building Renovation**

. Provide greater diality on the renovation scope and definition of renovation (in particular deep renovation) at EU level (e.g. common metics to measure energy performance of buildings)

targets for energy efficiency improvements and renovation, distinguished by market segment concerned (howing, 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 effectivein 2013, according to its nees of different financial support

mandete, TG1 was expected in measures, at EU and national level, berriers to energy efficiencty investments remain

DECEMBER 2013

funding energy efficiency in renovation; availability of funds for investment in energy efficiency and other sustainable energy serverif systems, etc.).

combination of EU and national fiscal and financial instruments and for facilitating access to . Provide guidance on using EU. these instruments, as well as apportunities for involving private finance in energy efficiency pro-

> . Design and eligiment of EU financial instruments, and development of insurance and finandal guarantees, to support energy efficiency investments, perticularly for smaller construction projects and projects by SMEs.

. Key market falures impeding Summary of discussions at energy efficiency investments in buildings

. The role of spit incentives in

. EU and national regulation National-level measures to inplement and complement EU energy efficiency regulation, as well as the role of other non-· Presibility of setting specific EU energy regulations (national or EU) in stimulating energy affciency renovation

. Revised guidelines for the Trans-European Transport Networks (TEN-T). At the first TG meeting it was noted that the TENT guideline were being revised, to address the fact that the TEN-T is not yet a comprehereive Europeen network, but

## **NEWSLETTER**

http://www.ecceengineers.eu/





#### European Council of Civil Engineers

#### Two years of work

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he ECLE Prendent Prof. Fernando Branco



other has seen, the set in the per ETICS accorded to be impact under the present fraction

The committee of the co elect to treatment and the reaso forcess that Suprestransfer of the Construction in the profession was implemented Ecopy was deciment mading to proposed automobile disorder to

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order offs he judicipation page Engineering descriptions, property off school \$1000, typing to dring A characters and countries. That is no cooks, and arrived appearance were expect off. The impations of being a MACE, 1975 and ACE and strong report of European life ments SISE was invited to Singham beautiful.

They make passed shall be have (III. Stormer release makes mad about the interiors, in many STOR more - partial than by WICCO Challenge meny ber in the visitor International Date of that this metry. Sandfales, people



**E-Journal** 



#### -3 NUMBERS PER YEAR

-IMPORTANT INFORMATION FROM ECCE, EU AND MEMBERS



-DIFFICULT PARTICIPATION FROM MEMBERS

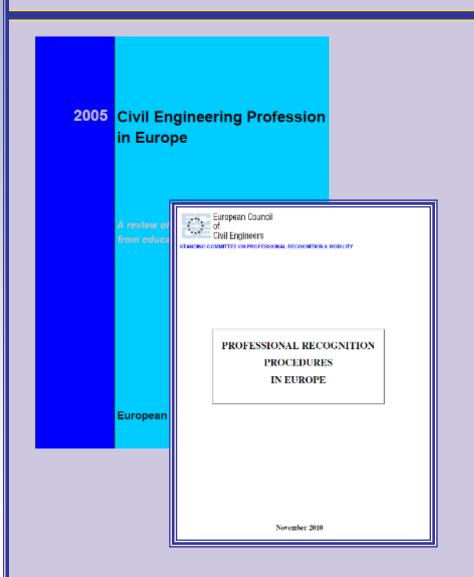
-MORE INTERNATIONAL DISSEMINATION





## THE ECCE BOOKS





SPECIFIC REPORTS

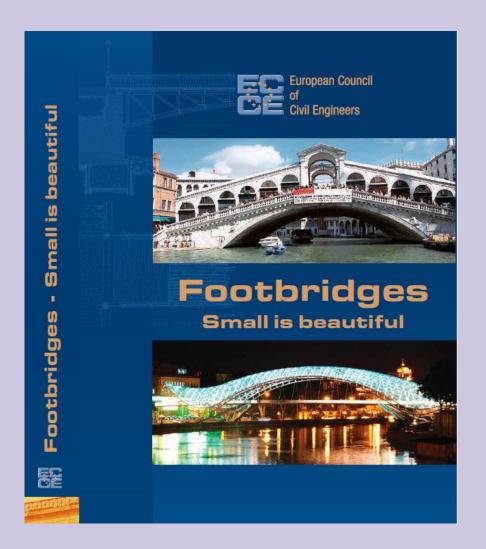
## **ECCE INFORMATION**

http://www.ecceengineers.eu/

## **EU INFORMATION**

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

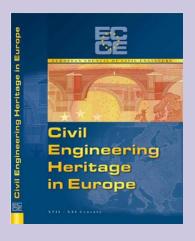




**BOOKS** 

## **ECCE INFORMATION**

http://www.ecceengineers.eu/







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#### European Council of Civil Engineers - ECCE

Bridges connect shores, continents and people. ECCE links civil engineers all over Europe.

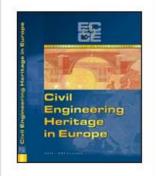
Since 1985 ECCE is an active voice of civil engineers all over Europe. ECCE is glad to welcome you as a visitor to our website and we hope you enjoy your visit.



Civil Engineers at the Heart of Society building

#### HIGHLIGHTS

ECCE Book "Civil Engineering Heritage in Europe"







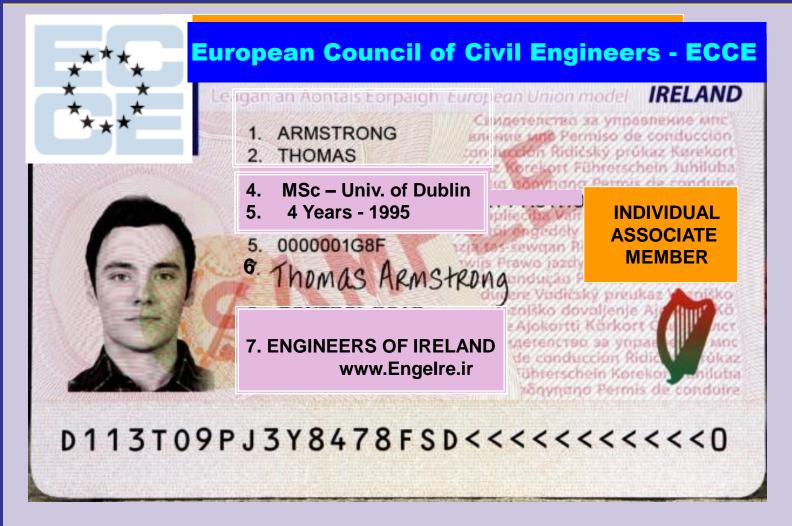
### THE FUTURE







## 1. THE ECCE CARD



- 1.Family Name; 2.Name; 3. Birth Date Nationality 4.Civ. Eng. Degree Institution
- 5. Years of studies Year of Graduation
- 6. Signature 7. ECCE Member that Confirms the Civil Engineer



#### **European Council of Civil Engineers - ECCE**

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www.ecce.gr

#### Legend:

- 1.Family Name;
- 2.Name;
- 3. Birth Date Nationality
- 4.Civ. Eng. Degree Institution
- 5. Years of studies Year of Graduation
- 6. Signature
- 7. ECCE Member that Confirms the Civil Engineer

#### **Personal Information:**

**Specialization: Structural Design** 

**Employer:** 

E-mail -

D, MobPh -

WWW -

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# 2. THE REVISION OF BY-LAWS



#### **MAIN POINTS TO BE DISCUSSED:**

- 1. Individual members accepted as associate members (no voting rights), allowing the introduction of the Civil Engineering Card.
- 2. ExBo mandates change to 3 years.
- 3. Delegates must be Civil Engineers.





# 3. THE LIFE LONG EDUCATION





# DEVELOP WITH MEMBERS EXPERIENCE STRATEGIES AND CRITERIA TO BE ACCEPTED IN EUROPE FOR ALL ENGINEERS





# 4. THE CIVIL ENGINEERING DAY



## TO DEVELOP CONTACTS WITH UNESCO TO IMPLEMENT

#### THE INTERNATIONAL DAY OF

#### **CIVIL ENGINEERING**







SINCE 5000 YEARS AGO, LOOKING TO THE FUTURE!





# 5. PROMOTE FUTURE YOUNG ENGINEERS



THE SUPER ENGINEER

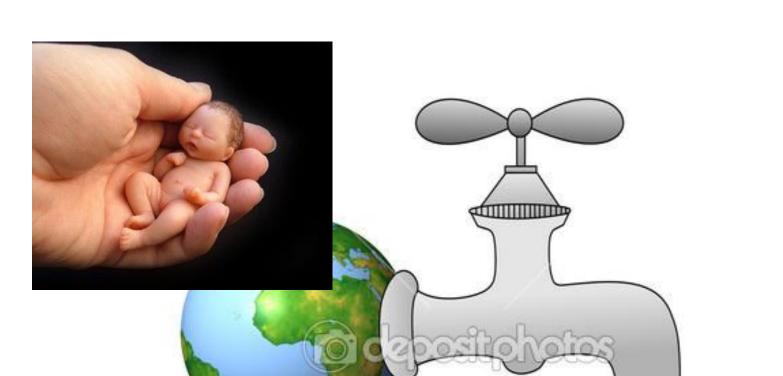






**SO YOU HAVE FRESH WATER AT HOME** 







THE SUPER ENGINEER WITH FRESH WATER

REDUCES DRASTICALLY
BABIES MORTALITY







THE SUPER ENGINEER BUILDS POWER PLANTS,

SO YOU HAVE ELECTRICITY AT HOME







THE SUPER ENGINEER BUILDS HARBOURS,

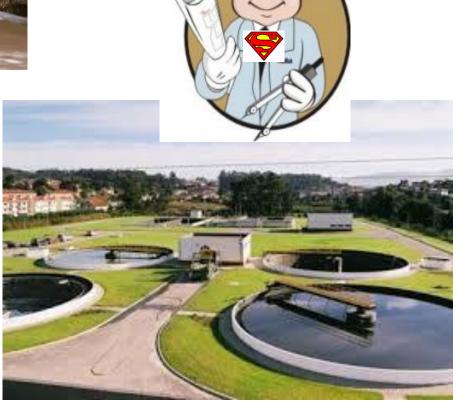
SO YOU HAVE OIL AND GAS IN GAS STATIONS







THE SUPER ENGINEER
BUILDS SEWER PLANTS, SO
YOU HAVE A CLEAN CITY











THE SUPER ENGINEER BUILDS NEW BRIDGES!





THE SUPER ENGINEER BUILDS EXPRESSWAYS

TO REDUCE CAR ACCIDENTS





FIGHTINGT WINDS AND EARTHQUAKES
THE SUPER ENGINEER
BUILDS YOUR

**SUPER RESISTANT HOME!** 







## **END**

"Civil Engineers at the Heart of Society building

Life Quality and a Sustainable Environment"



- EUROPEAN COUNCIL OF CIVIL ENGINEERS