FUTURE PRESPECTIVES

FERNANDO BRANCO

SOLVING THE PROBLEMS OF CIVIL ENGINEERS

THE GLOBAL NETWORK

EUROPEAN COUNCIL OF CIVIL ENGINEERS

EU - BRUSSELS

DG E. Industry
DG Int. Market
ECF - CPMC

ENG. ASSOC.

FEANI
ECEC

NETWORK

EDUCAT / INVEST

ECCREDI
EUCEET
SEFI
CLAIU - EU

INTERNATIONAL

ASCE
KSCE
JSCE
WCCE

PROFESSIONAL MOBILITY

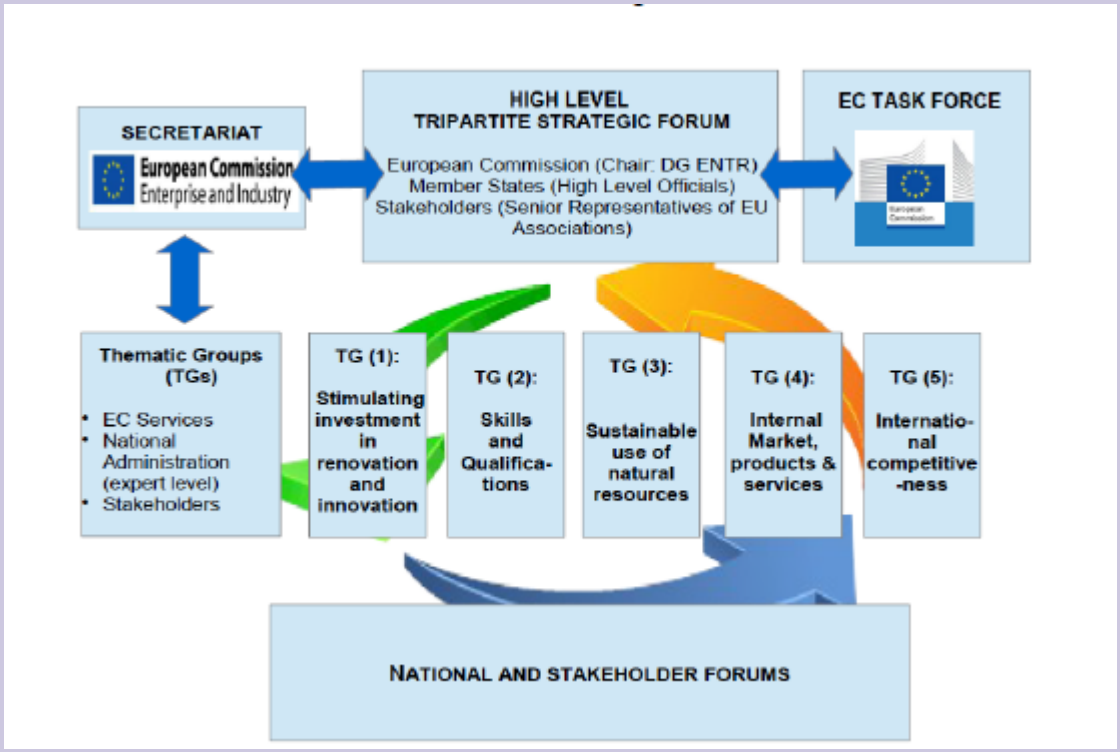
THE REVISION OF

EU DIRECTIVE ON MOBILITY

TEMPORARY MOBILITY

PARTIAL ACESS

EUROPEAN COUNCIL OF CIVIL ENGINEERS



CLOSE TO BRUSSELS DECISIONS

MEMBER OF EU HIGH LEVEL STRATEGIC FORUM FOR CONSTRUCTION

UPDATED WITH NEWS FROM BRUSSELS THROUGH THE EUROPEAN CONSTRUCTION FORUM

EUROPEAN COUNCIL OF CIVIL ENGINEERS

European Council of Civil Engineers

eani

European Council of Engineers Chambers

CO-PROMOTER OF ENGINEER'S DAY

FORUM FOR DISCUSSION WITH EU REPRESENTATIVES OF MAIN CIVIL ENGINEERS PROBLEMS

1ST Engineers Day – Brussels 2012

2nd Engineers Day – Brussels 2014 (20th November)

INSIDE ECCE

THE STANDING COMMITTEES

EUROPEAN COUNCIL OF CIVIL ENGINEERS

ACTIVE STANDING COMMITTEES

0. Professional Recognition (stoped)

1. Development & Business Environment

2. Knowledge & Technology

3. Environment & Sustainability

4. Education & Training

EUROPEAN COUNCIL OF CIVIL ENGINEERS

ACTIVE STANDING COMMITTEES

5. Civil Engineering Heritage

6. Associate Membership

EUROPEAN COUNCIL OF CIVIL ENGINEERS

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

EUROPEAN COUNCIL OF CIVIL ENGINEERS

TWO CONFERENCES PER YEAR

CHANGES IN CIVIL ENGINEERING
Lisbon 2013

WATER MANAGEMENT IN EUROPE
Nicosia, 2013

SEISMIC DESIGN AND REHABILITATION OF BUILDINGS
Tbilisi, 2014

EUROPEAN COUNCIL OF CIVIL ENGINEERS

-GOOD QUALITY

-GOOD ECCE IMAGE

- INVOLVE MORE LOCAL ENGINEERS

-DISSEMINATION OUTSIDE ECCE

MODERN SOLUTIONS IN BRIDGE CONSTRUCTION

Warsaw, 2014

THE E-JOURNAL

EUROPEAN COUNCIL OF CIVIL ENGINEERS

European Council of Civil Engineers

NEWSLETTER 4 DECEMBER 2013

NEWS FROM:

- Cyprus
- France
- Greece
- Hungary
- Italy
- Poland
- Slovenia
- United Kingdom
- ZDI—Germany

INSIDE THIS ISSUE:

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Preannouncement:
The 2nd European Engineers' 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.

Follow up actions on the communication on Sustainable Construction

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

Thematic Group 1 (TG1) background, mandate and expectations

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, TG1 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, TG1 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 TG1 meetings

Building Renovation

- Provide greater clarity on 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 Networks (TEN-T): At the first TG 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/

EUROPEAN COUNCIL OF CIVIL ENGINEERS

European Council of Civil Engineers

Two years of work

by ECCE President Prof. Fernando Branco

7th E-Journal

-3 NUMBERS PER YEAR

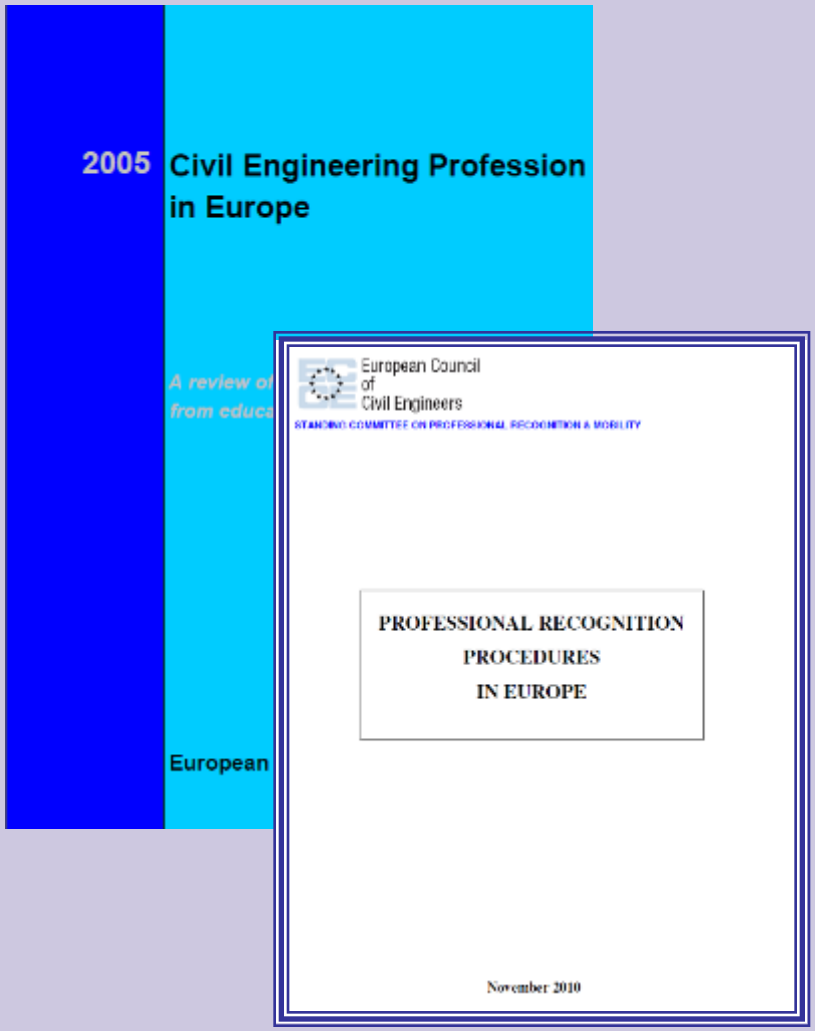
-IMPORTANT INFORMATION FROM ECCE, EU AND MEMBERS

-DIFFICULT PARTICIPATION FROM MEMBERS

-MORE INTERNATIONAL DISSEMINATION

THE ECCE BOOKS

EUROPEAN COUNCIL OF CIVIL ENGINEERS



SPECIFIC REPORTS

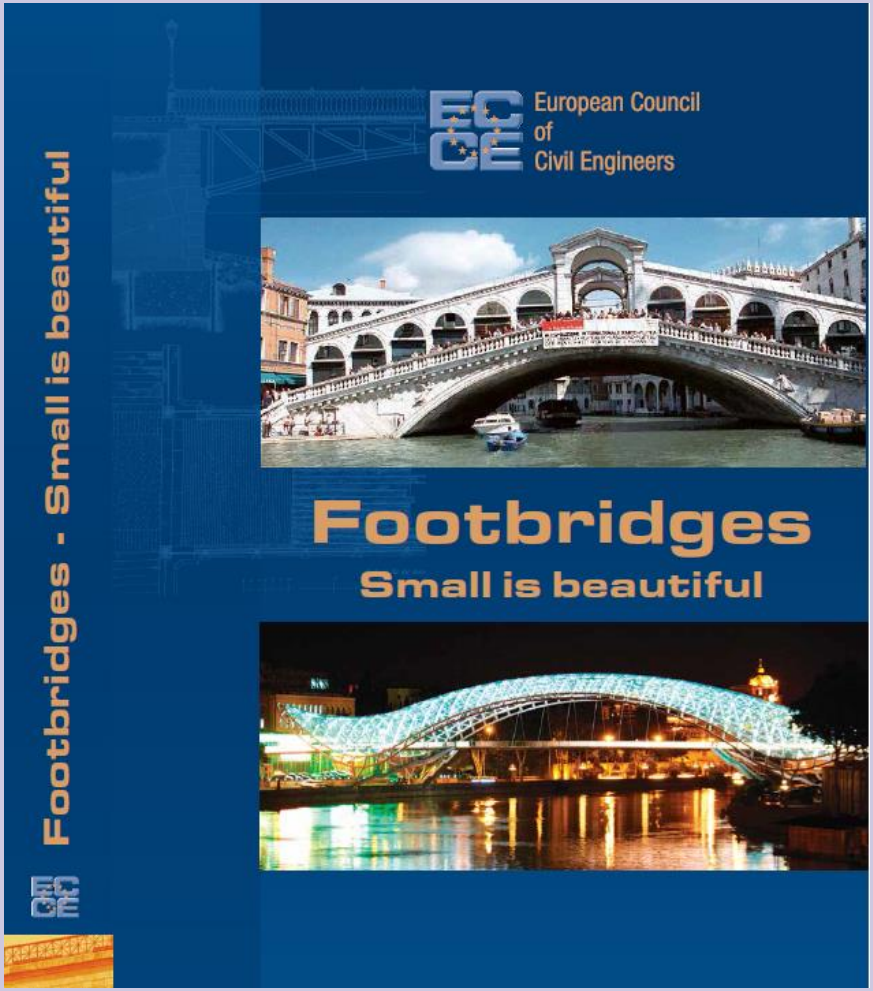
ECCE INFORMATION

http://www.ecceengineers.eu/

EU INFORMATION

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

EUROPEAN COUNCIL OF CIVIL ENGINEERS



BOOKS

ECCE INFORMATION

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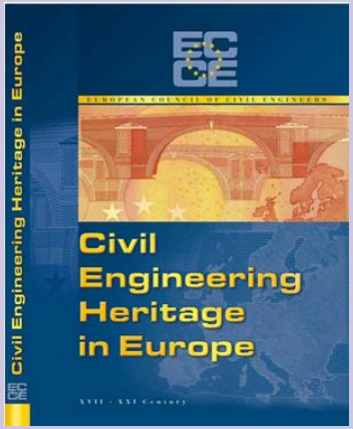


THE ECCE WEB-SITE

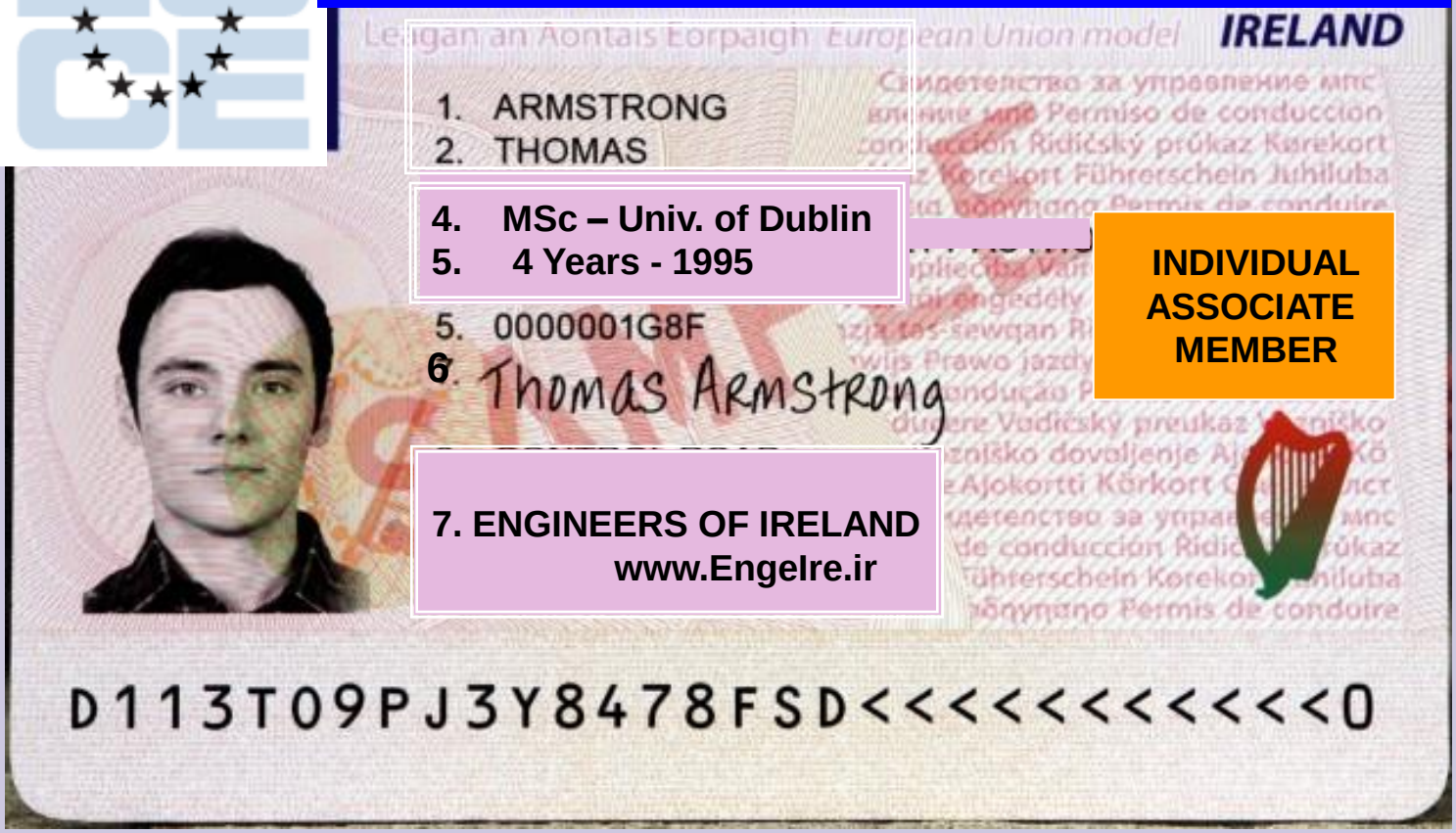
EUROPEAN COUNCIL OF CIVIL ENGINEERS

THE FUTURE

1. THE ECCE CARD

EUROPEAN COUNCIL OF CIVIL ENGINEERS

European Council of Civil Engineers - ECCE



INDIVIDUAL ASSOCIATE MEMBER

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

European Council of Civil Engineers - ECCE

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 -

MobPh -

WWW -

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Back

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

Education and Culture DG

Lifelong Learning Programme

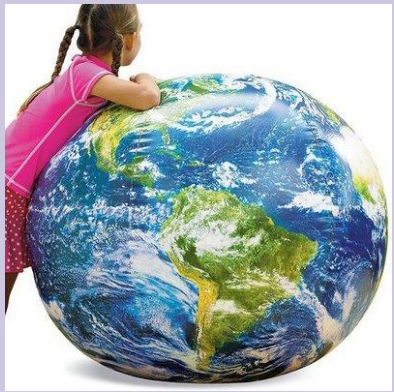
DEVELOP WITH MEMBERS EXPERIENCE STRATEGIES AND CRITERIA TO BE ACCEPTED IN EUROPE FOR ALL ENGINEERS

4. THE CIVIL ENGINEERING DAY

EUROPEAN COUNCIL OF CIVIL ENGINEERS

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

FERNANDO BRANCO

THE SUPER ENGINEER
BUILD DAMS,

SO YOU HAVE FRESH WATER AT HOME

THE SUPER ENGINEER WITH FRESH WATER

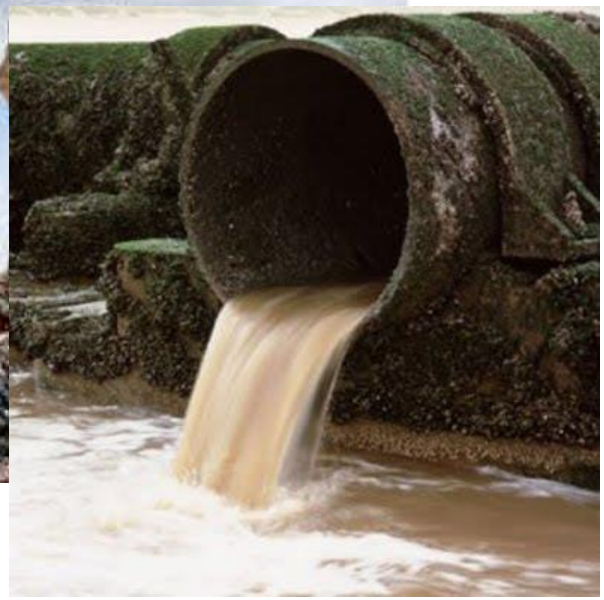
REDUCES DRASTICALLY BABIES MORTALITY

THE SUPER ENGINEER BUILDS POWER PLANTS,

SO YOU HAVE ELECTRICITY AT HOME

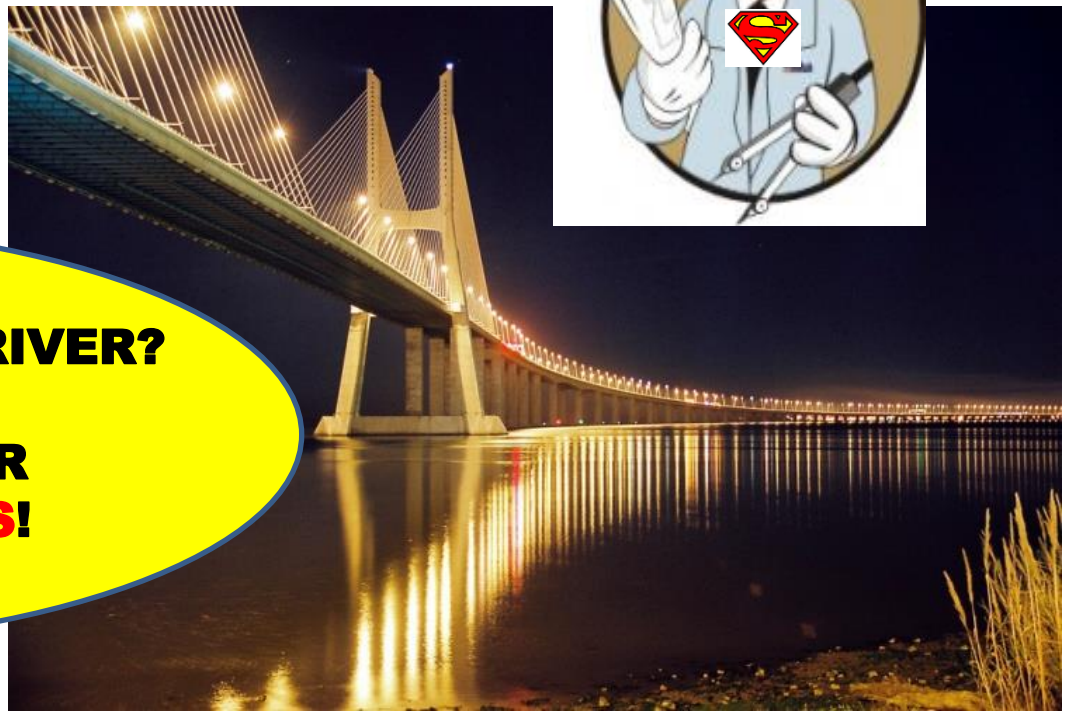
THE SUPER ENGINEER BUILDS HARBOURS,

SO YOU HAVE OIL AND GAS IN GAS STATIONS



GARBAGE, SEWERS ?

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



QUEUING TO CROSS THE RIVER?

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!

When I
grow up
I'm gonna be a
civil engineer

END

"Civil Engineers at the Heart of Society building

Life Quality and a Sustainable Environment"

- EUROPEAN COUNCIL OF CIVIL ENGINEERS