

Kamra Tal-Periti

## Report on International Civil Engineering Relations

### ECCE, European Council of Civil Engineers

#### Notes on 67th ECCE General Meeting

Tallinn, Estonia

31st May 2018 – 2nd June 2018

*Comments pertaining to Malta in italic*

Main Agenda:

1. 68th General meeting to be happening in conjunction with ICE anniversary in London

2. **Approval:** 66th General Meeting minutes approved

3. **Presentation:** ECCE Activity Report & Year of the Civil Engineer

Several activities were held with:

WCCE (World Council of Civil Engineers)

ECEC (European Council of Engineer Chambers)

EAMC (Engineering Associations of the Mediterranean Countries)

*Possible Maltese involvement in: Smart cities in the Mediterranean –possibly involving students at university level.*

Several events were held as part of the European Year of Civil Engineering (EYCE)

*In Malta, Premju Emanuele Luigi Galizia was organised by the KTP.*

4. **Ratification of Manifesto on digitalisation**

Transformation of the construction industry to include a larger portion of digitalisation i.e. BIM, AI, robots, 3d Printing, pre-fabrication, etc.

Voted in favour of this advancement in our industry; note that ACE is not in favour and it is not clear why not from the documentation so far.

*Malta in favour of this manifesto*

5. **Ratification of the Madrid Declaration 2018:** Water, the future that we want

Outline of how Goal 6 of UNESCO ('Ensure availability and sustainable managements of water and sanitation for all') may be achieved through engineering, with particular reference to the Iberian peninsula. A set of actions to be taken have been proposed.

This paper will be appearing at the EU and way forward for all nations identified.

Ratification confirmed

6. **Discussion and ratification of ECCE as part of the World Construction Forum 2019** to be organised in Slovenia.

ECCE to take part in distributing information to its members

7. **Discussion and ratification of ECCE being part of the EEAG** (Engineers Europe Advisory Group) organised by FEANI

ECCE seems to have an issue as to its role – equal role of FEANI and ECCE within this group? ECCE wants to ensure equal partnership and which other organisations will be part of this consortium; original FEANI letter stated that the Advisory Group will be providing advice to the FEANI Executive Board  
ECCE keen in discussing other issues other than education or mutual professional recognition  
No decision taken by ExBo regarding this point as yet.

8. **Status report:** ECCE book “The history and role of civil engineers through the centuries”

*KTP sent contribution to this publication. It was later decided that the publication will not include the individual's countries contributions, but that these will be published as a separate publication later on.*

9. **Discussion:** ECCE position paper on “the need for structural/seismic rehabilitation of existing buildings in parallel with energy efficiency improvements”

Paper focuses on the Mediterranean region and other European countries; paper to be presented to other EU member states and Brussels in order to convince them to grant funding for the structural and/or seismic upgrade of buildings before, or at least with, the grants given for the upgrade of the energy performance in buildings. Emphasis is made on the fact that if energy performance upgrades are done on structural/seismically unstable buildings, then the upgrade would have been done unnecessarily. Paper will ultimately seek to change wording on various EU directives to include the structural/seismic upgrade of the buildings in conjunction with an upgrade in energy performance exercise.

Position paper to be split into two sections:

Paper to present awareness and to get funding from EU

Academic paper to propose means of doing this

10. **Final Approval:** ECCE position paper on “Appropriate regulation for the practice of civil engineering in Europe”

Position Paper approved

11. **Call for contributions:** UNESCO SAGA Project presentation

World effort in understanding the role and extent of women civil engineers. Details to follow with list of statistics.

12. **Call for contributions:** WCCE Jose Medem Civil Engineering Excellence Awards

Nominations accepted for Civil Engineer Excellence Awards to be represented as part of ECCE; More details to follow via email.

*No local nominees*

13. **Presentation:** Prof Joachim Lenz Foundation Initiative

Opportunity for students from central and east Europe to go to Germany for one year as an industrial placement.

*Not applicable to Maltese students.*

## Notes on 68th ECCE General Meeting

London, United Kingdom

22<sup>nd</sup> – 23<sup>rd</sup> October 2018

*Comments pertaining to Malta in italic*

Main Agenda:

1. **New ECCE President** – Aris Chatzidakis, Greece

2. Election of **new ExBo members** for the term 2018-2021

3. **68<sup>th</sup> ECCE General Meeting and Global Engineering Congress**

Hosted at the ICE (Institution of Civil Engineers) and organized as part of the bicentenary programme.

Ukrainian Council of Civil Engineers (UCCE) was accepted as full ECCE member

Closing statements of the European Year of Civil Engineers 2018

4. **ECCE book** “Notes on the history of Civil Engineering” was prepared as a contribution by ECCE for the EYCE. The background to the writing of the book may be further read in the following links:

[Platonas Stylianou “...How the project was born, How it all started...”](#)

[Gorazd Humar “Short presentation of the book Notes on the history of Civil Engineering”](#)

5. **Position paper** on “The need for integrating Structural / Seismic Upgrade of Existing Buildings, with energy efficiency Improvements” was presented and unanimously approved. Safety should be an integral part of the early design of intelligent buildings and not an afterthought.

6. **Position of ECCE on the Engineers Europe Advisory Group** (EEAG – initiated by FEANI). Recommendation to ECCE to retain the role of observer.

7. ECCE Vice President/ President Elect Aris Chatzidakis, delivered a presentation on the Construction 2020 giving some background information regarding this initiative and describing ECCE’s involvement and contribution to the High Level Tripartite Forum and the Thematic Group 1 “Stimulating investment in building renovation, infrastructure and innovation”.

8. Future ECCE General Meetings

*Malta to host the Spring 2020 meeting*

## ICE, Institution of Civil Engineers

Global Engineering Congress

*The president of the Kamra tal-Periti attended the bicentenary conference of the ICE*

# FEANI, the European Federation of National Engineering Associations

## Notes on National Members Forum & General Assembly Meeting

Valletta, Malta

**4<sup>th</sup> and 5<sup>th</sup> October 2018**

KTP participating as observer; 24 national members present

*Comments pertaining to Malta in italic*

Main Agenda:

1. **Approval:** General Assembly Meeting (6<sup>th</sup> October 2017) minutes approved

2. **Activities and Initiatives** in various member states:

Contract for Competence – Sweden: Introducing CPD for people working in industry at university:

Short courses; digitization of courses; connection of the academia to industry

Understanding what the academia needs to provide for the industry

Competences Certification Programme – Italy

Launch of app called working; to promote co-working; public tenders and other complex services

3. **Presentation:** Sustainable/Green Economy

Researching the UN sustainable development goals

Four stages of implementation:

Promote the implementation

Facilitate the implementation by producing information guidance

Share best practice with FEANI and creation of a FEANI SDG community

SDGs to become part of the soul of FEANI

Mobilise the commitment

Building on a corporate and social responsibility

Simple approach

Full details in proposal paper; available upon request.

*Suggestion by the Maltese representative was that after the declaration is passed and approved at European level, each representative should present this to the respective government.*

4. **FEANI's declaration of Malta** – 5<sup>th</sup> October 2018

## **FEANI's DECLARATION OF MALTA, 5<sup>th</sup> October 2018**

**Whereas FEANI is a federation of professional engineers that unites national engineering associations from 34 European Higher Education Area (EHEA) countries,**

**Whereas FEANI is striving for a single voice for the engineering profession in Europe and wants to affirm and develop the professional identity of engineers, through its activities and services,**

**Whereas FEANI is a founding member of the World Federation of Engineering Organisations (WFEO) and collaborates with many other organisations dealing with engineering and technology issues and engineering education,**

**Whereas FEANI is officially recognised by the European Commission as representing the engineering profession in Europe. The federation also has consultative status with UNESCO, UNIDO and the Council of Europe,**

**Whereas our planet faces massive economic, social and environmental challenges. To combat these, the United Nations Sustainable Development Goals (SDGs) define global priorities and aspirations for 2030. They represent a necessary pathway and an unprecedented opportunity to eliminate extreme poverty and put the world on a sustainable path,**

**Whereas Engineers are key actors in the Society providing technical expertise, we have a responsibility to support the SDGs in all the economic, social, and environmental organizations we serve, and that Engineers already incorporate in their everyday activities many elements serving the SDGs,**

### **THE SIGNATORIES TO THE PRESENT DECLARATION UNDERTAKE TO:**

**Promote the implementation of the SDGs in their organizations and engineering activities;**

**Facilitate the implementation of SDGs via information and guidance to FEANI members;**

**Facilitate the sharing of best practice in implementing the SDGs.**

### **5. Engineers Europe**

Expectations for the Engineers Europe Advisory Group; a stronger voice for the engineer, not only in Europe

It means to achieve an informal consortium among all stakeholders and produce a platform for academic input, professional association and policy makers

Updating and improving the professional 'index'

*Ing Zammit (Chamber of Engineers, Malta) introduced the initiative of Engineers Malta*

### **6. Comments from the Vice-President**

Need for a world-café forum where all countries form groups to write best practice guidelines in areas such as; digital transformation, STEM projects, SDG (for each country), how to get more members joining FEANI; and the need to raise awareness with members of the public. This is meant to get more value on the experience from the group.

*Ing Zammit commented that although this is a good initiative, there is a divergence of opinion of what makes one an engineering. A similar venture in ECEC where a training schedule had been put in place failed due to the input of many ideas.*

*There are the academic and vocational routes in becoming an engineer, and so far, there is no convergence. Whether one takes the educational or training routes, this does not matter as long as there is a scheme.*

## **7. Conference on Digital Transformation**

### **Engineers Malta**

A formal agreement has been reached to set up Engineers Malta. This will consist of members of the Kamra tal-Periti and Chamber of Engineers and will be a new National FEANI committee. A Memorandum of Understanding is was drawn up, which will be circulated to members once agreed upon. KTP would like to encourage more members to become members of FEANI.