



European Council  
of  
Civil Engineers

**Standing Committee on  
Education & Training**

# **Participation of ECCE in the activities of EUCEET Association**

**Prof. Iacint Manoliu**

General Secretary of EUCEET Association

**53<sup>rd</sup> ECCE meeting  
Malta, 6 May 2011**



**EUCEET**

**European Civil Engineering  
Education and Training**



# EUCEET Chronology

- EUCEET I** Thematic Network Project  
(01.10.1998 – 30.09.2001)
- EUCEET I** Thematic Network Project dissemination  
(01.10.2001 – 30.09.2002)
- EUCEET II** Thematic Network Project  
(01.10.2002 – 31.12.2005)
- EUCEET III** Thematic Network Project  
(01.10.2006 – 31.03.2010)



# **EUCEET Association**

**Founded under Belgian Law on 12<sup>th</sup> March 2007**



## Brief history

- **1<sup>st</sup> General Assembly took place in Warsaw, on 24<sup>th</sup> October 2008.**

Administrative Council elected on that occasion for a 2-year term:

- Prof. Roger Frank (Ecole Nationale des Ponts et Chaussées ParisTech) - President
- Prof. Jean BERLAMONT (Catholic University Leuven) - Vice-President
- Prof. Laurie BOSWELL (City University London)
- Prof. Marie-Ange CAMMAROTA (Ecole Nationale des Ponts et Chaussées ParisTech)
- Prof. Pericles LATINOPOULOS (Aristotle University of Thessaloniki)
- Prof. Nicoleta RADULESCU (TUCE Bucharest)
- Prof. Ivo Herle (T.U. Dresden)

As General Secretary was nominated Prof. Iacint Manoliu (TUCEB).

- **2<sup>nd</sup> General Assembly took place in Paris, on 20<sup>th</sup> November 2009.**



# Brief history

- **3<sup>rd</sup> General Assembly took place in Barcelona, on 3<sup>rd</sup> December 2010.**

A new Administrative Council was elected on that occasion for a 2-year term:

- Prof. Jean BERLAMONT (Catholic University Leuven) - President
- Prof. Benjamin SUAREZ (Universitat Politècnica de Catalunya Barcelona) - Vice-President
- Prof. Marie-Ange CAMMAROTA (Ecole Nationale des Ponts et Chaussées ParisTech)
- Prof. Roger FRANK (Ecole Nationale des Ponts et Chaussées ParisTech)
- Mr. Colin KERR (Imperial College London)
- Prof. Pericles LATINOPOULOS (Aristotle University of Thessaloniki)
- Assist. Prof. Marina PANTAZIDOU (National Technical University of Athens)

Immediate Past-President of ECCE, Vassilis Economopoulos, attended the General Assembly



**Excerpts from the Minutes  
of the 3<sup>rd</sup> General Assembly in  
Barcelona**

- **Attendance**

The General Assembly was attended by representatives of 29 members of the Association, representing 24 institutions, from 15 countries.

- **Opening session**

- In the *Opening session* Prof. Pedro Díez, Vice-Rector for International Relations of the host University addressed a welcome to the participants.

- The immediate Past President of the European Council of Civil Engineers (ECCE), Mr. Vassilis Economopoulos made a presentation on "*The Role of Engineering Professional Organisations in Training and Continuing Professional Development*". (The slides of this presentation will be put on the website of EUCEET Association).

- **EUCEET Association and European Projects, report presented by Prof. Iacint Manoliu, General Secretary**

- EUCEET Association **can** and **should** be an active participant in European Projects as **coordinator** or **partner** in such projects.

- From the LLP Call for Proposals posted by EACEA for 2011, two opportunities are of major interest for the EUCEET Association:

- A **dissemination** project under the action called "***Accompanying measures***" (one-year duration)

- A new **Academic Thematic Network Project** (3-year duration) under the action called "***Networks***"



▪ **Election of the Administrative Council for the term 2010-2012**

▪ **Establishing Standing Committees and nomination of the three chairpersons**

<b>Name of the Working Group</b>	<b>Chairperson/Institution</b>
1. International cooperation (joint degrees; participation in European programmes etc)	<b>Prof. Vaclav KURAZ</b> Czech Technical University in Prague (CZ)
2. Curriculum development	<b>Prof. Diego LO PRESTI</b> University of Pisa (IT)
3. Best practice in teaching, learning and assessment	<b>Dr. Ellen TOUW</b> Delft University of Technology (NL)

▪ **Decision on the theme, date and venue of the Conference to be organized in 2011 and to be followed by the 4th General Assembly of the EUCEET Association**

Based on the result of the survey undertaken before the GA in Barcelona, the new Administrative Council proposed as theme for the Conference to be organized in 2011 “***New trends and challenges in civil engineering education***”.

The General Assembly decided that the Conference will be 1 ½ day long in November 24-25, 2011, followed by a ½ day General Assembly.

**EUCEET Association Conference**

***“New trends and challenges in civil  
engineering education”***

**November 24-25, 2011**

**Patras, Greece**



**University of  
Patras**



**EUCEET**

## EUCEET Association

The EUCEET Association was founded on 12th March 2007 under Belgian Law, as an expression of the sustainability strategy promoted by the Thematic Network EUCEET (European Civil Engineering Education and Training). Between October 1998 and March 2010, the Thematic Network EUCEET ran four projects with the support of grants received from the European Commission –Directorate General for Education and Culture.

Members of the Association can be higher education institutions, professional associations of civil engineers, companies. There are currently 48 members of the Association from 25 different European countries.

The Administrative Council of the Association elected at the 3rd General Assembly which took place on 3rd December 2010 in Barcelona has the following composition:

Prof. Jean Berlamont (Katholieke Universiteit Leuven) President  
Prof. Benjamin Suarez (Universidad Politecnica de Catalunya, Barcelona) Vice-President  
Prof. Marie-Ange Cammarota and Prof. Roger Frank (Ecole Nationale des Ponts et Chaussées), Colin Kerr (Imperial College London), Asst. Prof. Marina Pantazidou (National Technical University of Athens) and Prof. Pericles Latinopoulos (Aristotle University of Thessaloniki).

The General Secretary of the Association is Prof. Iacint Manoliu (Technical University of Civil Engineering Bucharest).



## Conference themes

Under the general title: "New trends and challenges in civil engineering education", the Conference will be organized around three themes, for which 15 sub-themes/topics are proposed as follows:

Implementing the Curriculum: Types and trends in curriculum development and implementation

- Implementation of the Bologna process-experiences with the two-tier system in civil engineering education in Europe
- Development of programmes with different orientations to cope with the needs of the profession
- Sustainability and civil engineering curricula
- The role of the civil engineer in mitigating natural hazards
- PhD Doctoral Schools in Civil Engineering

Improving the Curriculum: Best practice in teaching, learning and assessment

- Developing teaching techniques
- Open access learning, e-learning, open courseware
- Engineering education research and civil engineering instruction
- Assessing learning outcomes
- Quality assessment in civil engineering education

Extending the Curriculum: Lifelong Learning, industry partnerships and international cooperation

- Lifelong learning in civil engineering
- University - industry partnership to enhance the role of the Civil Engineer in the knowledge economy
- Experiences in double diploma agreements
- Joint degrees at various levels
- A challenge for the civil engineering education in Europe: partnership with expectations and needs from Chinese, Brazilian, Russian and Vietnamese Universities

Contributions covering other aspects of relevance to civil engineering education will be also taken into consideration

## Conference structure

For each of the three themes of the Conference a half-day with two sessions will be reserved. Each session will open with a key-note lecture presented by a distinguished international expert. A number of papers will be selected for the presentation at the conference.

## Committees

### Scientific Committee

Prof. Jean BERLAMONT, Belgium (Chair)  
Prof. Benjamin SUAREZ, Spain (Vice-Chair)  
Prof. Pericles LATINOPOULOS, Greece (Vice-Chair)  
Asst. Prof. Marina PANTAZIDOU, Greece (Secretary)  
Prof. Stavros ANAGNOSTOPOULOS, Greece  
Prof. Marie-Ange CAMMAROTA, France  
Prof. Roger FRANK, France  
Prof. Christos HADJI THEODOROU, Greece  
Prof. Konstantinos KATSIFARAKIS, Greece  
Mr Colin KERR, UK  
Prof. Václav KURAZ, Czech Republic  
Prof. Stavroula PANTAZOPOULOU, Greece  
Dr Achilleas PAPADIMITRIOU, Greece  
Prof. Diego LO PRESTI, Italy  
Prof. Kosmas STYLIANIDIS, Greece  
Prof. Theodosios TASSIOS, Greece  
Dr Ellen TOUW, Netherlands

### Organizing Committee

Prof. Stephanos DRITSOS, Greece (Chair)  
Prof. Iacint MANOIU, Romania (Vice-Chair)  
Ms Eftychia APOSTOUDI, Greece (Secretary)  
Dr Eva ATHANASOPOULOU, Greece  
Prof. Dimitrios ATMATZIDIS, Greece  
Assoc. Prof. Athanasios CHASSIAKOS, Greece  
Dr Dimitrios CHRYSIKOS, Greece  
Dr Triantafylia KARANTONI, Greece  
Mr Dimitrios MALEAS, Greece  
Dr Ioannis MANARIOTIS, Greece  
Asst. Prof. Marina MORETTI, Greece  
Dr Jon MOSELEY, UK  
Asst. Prof. Marina PANTAZIDOU, Greece  
Asst. Prof. Catherine PAPANICOLAOU, Greece  
Mr Nikolaos ZYGOURIS, Greece



### Instructions for authors

Abstracts should be prepared in English using 12 pt. Times New Roman font and should not exceed two pages (120 mm x 200 mm point area). Authors of papers dealing with issues specific to a certain university or country are recommended to elaborate on the broader significance of the information presented.

Abstracts should be electronically submitted to the Conference Secretariat before 30 April 2011.

### Registration fees (in Euros)

	Before end of July 2011	After end of July 2011
• Participants	200	250
• Members of the EUCEET Association	150	200
• Accompanying persons	100	150
• Students	30	50

The registration fees for participants will cover: the volume of abstracts and the proceedings CD, lunches, coffee breaks, the welcome reception, the conference dinner and a technical visit to the Rion-Antirion Bridge.

For accompanying persons fees will cover lunches, coffee breaks, the welcome reception, the conference dinner, a technical visit to the Rion-Antirion bridge and a half-day tour.

### Important dates

- Last date for abstract submission 30 April 2011
- Notification of abstract acceptance 15 May 2011
- Last date for paper submission 30 July 2011
- Notification of paper acceptance 15 September 2011
- Finalised manuscript submission 15 October 2011

### Conference venue

The conference will take place at the conference and cultural centre of the University of Patras, in Greece. The venue is adjacent to the University Campus, very close to the Rion-Antirion bridge, 7Km from Patras city centre.

Patras is in the west of Greece, an hour away (by car) from Olympia.

### Social programme

A social programme will be organised for all participants and accompanying persons, including the Conference Gala dinner, welcome reception, technical visits and other events.

### Accommodation

A variety of hotel options will be identified to delegates, covering a range of prices, many of them located near the conference venue, others in the city centre.

### Contact and address

#### Conference Secretariat

Efthychia C. Apostolidi

☎ +30 2610 996539

Fax +30 2610 996575

✉ [euceet@upatras.gr](mailto:euceet@upatras.gr)

Stephanos E. Dritsos

☎ +30 2610 996539

✉ [dritsos@upatras.gr](mailto:dritsos@upatras.gr)

#### Department of Civil Engineering

University of Patras

Patras, 26504, Greece

### Registration

Prospective participants of the conference are asked to fill the Pre-registration Form and send it to the Organizing Committee by 2 April 2011. The Pre-registration Form is available on the Conference site <http://www.euceet.upatras.gr>

Please send the Pre-registration Form by e-mail only ([euceet@upatras.gr](mailto:euceet@upatras.gr))



# **Excerpts from the Minutes of 1<sup>st</sup> meeting of the Administrative Council elected in Barcelona**

**London, 8 April 2011**





## **EUCEET association manifesto about Spanish engineering**

Spanish engineering, as in some other European countries, is searching the best ways to deliver competitively and efficiently the scientific, technical and technological dimensions intrinsically related to their skills and professional activities. It is true that the strict delimitation of engineering branches, linked with operational exclusivity, for registered professional practice is an Spanish singularity in the European context.

At the same time, new competition rules have been established in the last years, calling for more flexibility, which is indeed necessary to meet the needs of an increasingly disciplinary-open economy .

This is not new for EUCEET association, which shares these ideas and is convinced that reforms, especially when seeking greater ability on people, are an incentive and an opportunity for professional systems, especially in the case of engineers, which are used to changes. However, EUCEET wants to suggest national leaders of engineering professionals systems reforms to pay attention that carrying interdisciplinarity as far as to advocate for an universal engineer may result on a neutral disciplinarity that could be, for some professions, the origin for lack of skill.

In view of this, the EUCEET Association wishes to state its opinion that while the Spanish classification of branches of Engineering for professional practice in that country may be excessive, it is important to note that some distinctions are necessary and important. In particular, we believe strongly that an Engineer operating in the civil engineering domain must have qualifications and competences relevant to the requirements of the discipline.

London, April 8, 2011



**A project proposed, to be coordinated  
by EUCET Association:**

**EUCET SPREAD**



ERASMUS ACCOMPANYING MEASURES

# EUCEET-SPREAD

2011 – 2012



**Coordinator**  
EUCEET Association

**Applicant**  
ECOLE NATIONALE DES PONTS ET CHAUSSEES

**Part A: Identification of the applicant and other organisations participating in the project.**

*This part must be completed separately for each organisation participating in the project.*

**A.1 Organisation**

Partner number	P1
Role in the application	Applicant Organisation
Full name of the organisation * : <small>Full name of the organisation in Latin characters (if applicable)</small>	ÉCOLE NATIONALE DES PONTS ET CHAUSSEES
Acronym * :	ENPC
Erasmus University Charter number (if applicable)	28134
Status * :	Public
Type of organisation * :	Non-university higher education
Department / Faculty	

**Registered address**

Street * :		Number
Avenue Blaise Pascal		6 etB
Post code * :	Town * :	
77455	CHAMPS SUR MARNE	
Country * :	Region * :	
France	Île de France	
Internet address:	http://www.enpc.fr	

**Part A: Identification of the applicant and other organisations participating in the project.***This part must be completed separately for each organisation participating in the project.***A.1 Organisation**

Partner number

P2

Role in the application

Management co-ordinator

Full name of the organisation \*:

EUCEET ASSOCIATION

*Full name of the organisation in Latin characters (if applicable)*

Acronym \*:

EUCEET ASS

EUCEET Ass

*Erasmus University Charter number (if applicable)*

Status \*:

Private

Type of organisation \*:

Non-profit associations

Department / Faculty

Registered address

Street \*:

Rue de Stassart

Number

119

Post code \*:

1050

Town \*:

BRUSSELS

Country \*:

Belgium

Region \*:

Région de Bruxelles-Capitale / Brussels Hoofdstedelijk Gewest

Internet address:

<http://www.euceet.eu>



Form version : 3.0.1 EN Adobe Reader version : 9

Lifelong Learning Programme

### Partner Controls

Number of partners to add

0

Add organisation(s)

### List of partner organisations

Partner no	Role	Organisation Name	City	Country
P1	Applicant Organisation	ÉCOLE NATIONALE DES PONTS ET CHAUSSEES	CHAMPS SUR MARNE	France
P2	Management co-ordinator	EUCEET ASSOCIATION	BRUSSELS	Belgium
P3	Partner	KATHOLIEKE UNIVERSITEIT LEUVEN	LEUVEN	Belgium
P4	Partner	BRNO UNIVERSITY OF TECHNOLOGY	BRNO	Czech Republic
P5	Partner	CESKE VYSOKE UCENI TECHNICKE V PRAZE	PRAGUE 6	Czech Republic
P6	Partner	UNIVERSITY PARDUBICE	PARDUBICE	Czech Republic
P7	Partner	AALBORG UNIVERSITY	AALBORG	Denmark
P8	Partner	JADE HOCHSCHULE	OLDENBURG	Germany

Partner no	Role	Organisation Name	City	Country
P9	Partner	TECHNISCHE UNIVERSITÄT MÜNCHEN	MÜNCHEN	Germany
P10	Partner	TALLINN UNIVERSITY OF TECHNOLOGY	TALLINN	Estonia
P11	Partner	ARISTOTELEIO PANEPISTIMIO THESSALONIKIS	THESSALONIKI	Greece
P12	Partner	EONIKO METSOBIO POLYTECHNEIO	ZOGRAFOU	Greece
P13	Partner	UNIVERSITY OF PATRAS	PATRAS	Greece
P14	Partner	COLEGIO DE INGENIEROS DE CAMINOS, CANALES Y PUERTOS DE ESPAÑA	MADRID	Spain
P15	Partner	UNIVERSIDAD DE CANTABRIA	SANTANDER	Spain
P16	Partner	UNIVERSIDAD POLITÉCNICA MADRID	MADRID	Spain
P17	Partner	UNIVERSITAT POLITECNICA DE CATALUNYA	BARCELONA	Spain

Partner no	Role	Organisation Name	City	Country
P18	Partner	ÉCOLE SPEC.TRAVAUX PUBLICS, BATIM ,INDUSTRIE	PARIS	France
P19	Partner	POLITECNICO DI MILANO	MILAN	Italy
P20	Partner	UNIVERSITA DEGLI STUDI ROMA TOR VERGATA	ROMA	Italy
P21	Partner	UNIVERSITA DI PISA	PISA	Italy
P22	Partner	UNIVERSITA DEGLI STUDI DI TRENTO	TRENTO	Italy
P23	Partner	CYPRUS ASSOCIATION OF CIVIL ENGINEERS	NICOSIA	Cyprus
P24	Partner	RIGA TECHNICAL UNIVERSITY	RIGA	Latvia
P25	Partner	VILNIUS GEDIMINAS TECHNICAL UNIVERSITY	VILNIUS	Lithuania
P26	Partner	BUDAPESTI MUSZAKI és GAZDASAGTUDOMANY EGYETEM	BUDAPEST	Hungary
P27	Partner	DELFT UNIVERSITY OF TECHNOLOGY	DELFT	Netherlands
P28	Partner	SILESIAN TECHNICAL UNIVERSITY IN GLIWICE	GLIWICE	Poland
P29	Partner	UNIVERSIDADE DO PORTO FACULDADE DE ENGENHARIA	PORTO	Portugal



Partner no	Role	Organisation Name	City	Country
P30	Partner	TECHNICAL UNIVERSITY OF CIVIL ENGINEERING BUCHAREST	BUCHAREST	Romania
P31	Partner	TECHNICAL UNIVERSITY OF CLUJ NAPOCA	CLUJ NAPOCA	Romania
P32	Partner	UNIVERSITY "OVIDIUS" CONSTANTZA	CONSTANTZA	Romania
P33	Partner	TECHNICAL UNIVERSITY "GHEORGHE ASACHI" IASI	IASI	Romania
P34	Partner	UNIVERSITY "POLITEHNICA" of TIMISOARA	TIMISOARA	Romania
P35	Partner	UNIVERZA V LJUBLJANI	LJUBLJANA	Slovenia
P36	Partner	UNIVERSITY of MARIBOR	Maribor	Slovenia
P37	Partner	UNIVERSITY of ZILINA	ZILINA	Slovakia
P38	Partner	AALTO-UNIVERSITY (former Helsinki University of Technology)	Espoo	Finland
P39	Partner	EUROPEAN COUNCIL OF CIVIL ENGINEERS	LONDON	United Kingdom
P40	Partner	CITY UNIVERSITY	London	United Kingdom
P41	Partner	IMPERIAL COLLEGE LONDON	London	United Kingdom

*Submission number:*

517743-LLP-1-2011-1-FR-ER-ASMUS-E-AM

# EUCEET SPREAD - Summary

## Rationale and background to the project

The consortium of partners in the EUCEET SPREAD project is made of members of the EUCEET Association. The Association was founded under Belgian Law in March 2007, as an expression of sustainability strategy promoted by the Thematic Network EUCEET (European Civil Engineering Education and Training) which between October 1998 and March 2010 run 4 projects with the support of grants received from EC.

Two main actions are proposed in the project:

- a Workshop aimed at enhancing mobility of European civil engineering students
- a pan-European Conference on civil engineering education.

The one-day Workshop to be held in Prague in April 2012 is aimed to bring together representatives of student associations and members of the academic staff from 37 universities, for a thorough examination of the ways in which the capabilities of the European student mobility system can be better used to the benefit of civil engineering students. The theme of the Workshop is: “***Student mobility: why it is important and what we can do to improve it***”.

The 2-day Conference to be held in London in October 2012 is open to all stakeholders concerned with civil engineering education and training. The theme of the conference: “**Civil engineering education: are we meeting the needs of the industry and society?**”, will provide room for tackling topics of great relevance for the civil engineering education and profession in Europe, such as:

- the role of university sector in providing civil engineers for society as a whole
- the formation of conception and practically oriented civil engineers in Europe
- the education/training of civil engineers for social responsibility
- educating future Engineering Leaders
- developing the area of student-led initiatives and projects
- understanding what industry needs
- debate on technical and non-technical content of degree programmes
- role of civil engineers in tackling the challenges faced by the society
- professional practice and ethics.

The Conference in London will be preceded and prepared by conducting the survey on the needs of the construction industry towards civil engineering education.

## **Rationale for the setting-up of the consortium**

2011 is the first year of truly independent life of the EUCEET Association, which will culminate by the end of November 2011 with a Conference entitled: "*New trends and challenges in civil engineering education*". By the time this application is written, the Call for abstracts is being disseminated and posted on the web site of the Association.

The good beginning represented by the activities in 2011 must be followed in the forthcoming years. This is the rationale for the setting-up of a consortium for a project under Erasmus Accompanying measures project.

The consortium of the EUCEET-SPREAD project is of high quality made of 41 organisations among which 37 higher education institutions and 4 associations. Of great importance is the presence in the consortium of two associations: EUCEET Association and European Council of Civil Engineers (ECCE). There is a very good geographical distribution of the partners from all parts of the continent (5 from Romania, 4 from Italy, 4 from Spain, 3 from Czech Republic, 3 from Greece, 3 from United Kingdom, 2 from Belgium, 2 from France, 2 from Germany, 2 from Slovenia, 1 from Cyprus, 1 from Denmark, 1 from Estonia, 1 from Finland, 1 from Hungary, 1 from Latvia, 1 from Lithuania, 1 from Netherlands, 1 from Poland, 1 from Portugal, 1 from Slovakia).

**ECCE members are most welcome to  
attend the Patras Conference and  
to become members of the  
EUCEET Association !**