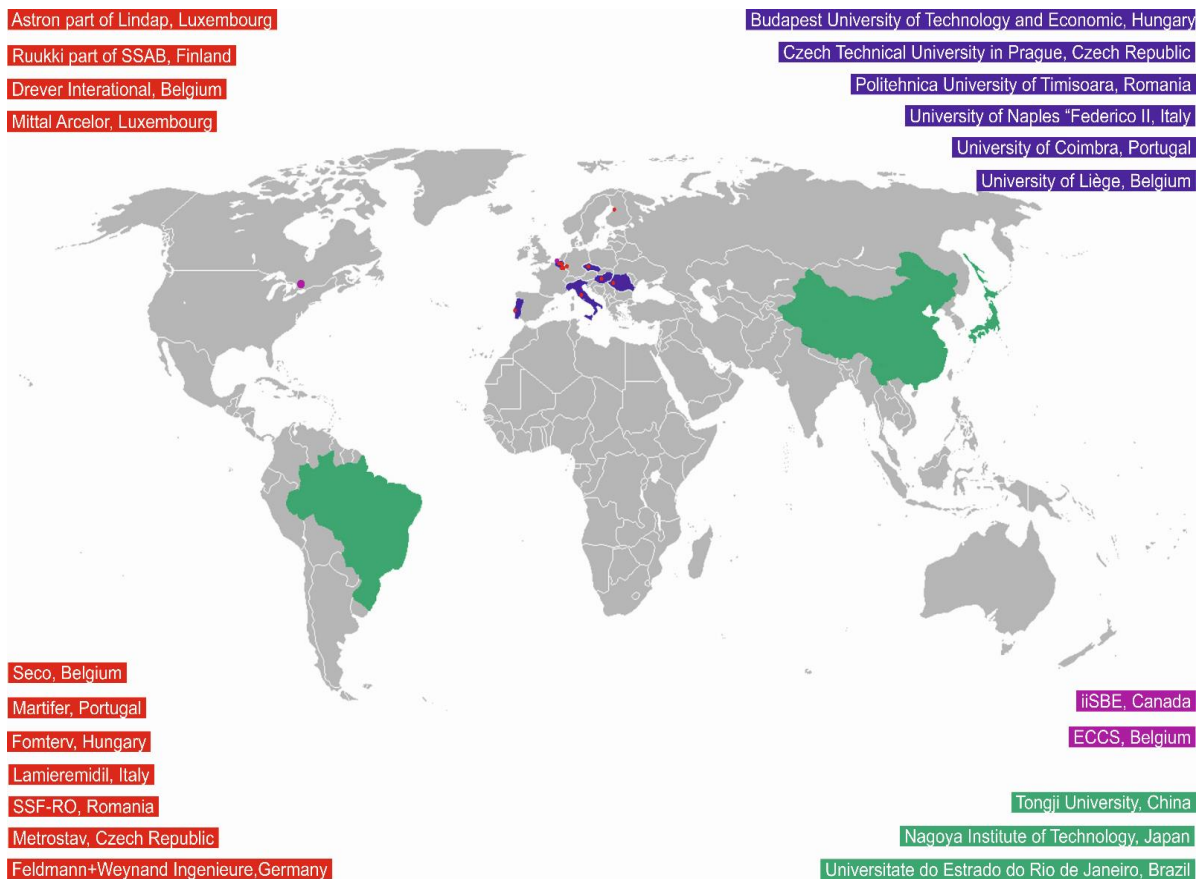


Application  
for Erasmus Mundus Joint Master Degrees (EMJMD) 2017  
Sustainable Constructions under Natural Hazards and Catastrophic  
Events  
SUSCOS\_M



## ANNEX 9

### Model Joint Diploma with Supplement





# European Master in Civil Engineering

Université de Liège, Universitatea Politehnica din Timișoara, Università Degli Studi di Napoli Federico II, Universidade de Coimbra, and České vysoké učení technické v Praze hereby certify that

NAME, First Name \_\_\_\_\_  
Date of birth/Place \_\_\_\_\_  
Nationality \_\_\_\_\_

has successfully completed his course of studies in joint Master Study Course (Erasmus Mundus):  
“Sustainable Constructions under natural hazards and catastrophic events”  
on \_\_\_\_\_  
(Date of final examination)  
and is awarded the degree of

**Master Ingénieur civil des constructions  
à finalité approfondie** (in Belgium)

**Master di I livello in "Sustainable construction under natural hazards and  
catastrophic events"** (in Italy)

**Mestrado em Construção Metálica e Mista** (in Portugal)

**Master** (in Romania)

**Inženýr, Ing.** (in Czech Republic)

Décret de la communauté française du 31 mars 2004 définissant l'enseignement supérieur, favorisant son intégration à l'espace européen de l'enseignement supérieur et finançant les universités - will be in English  
According to Act will be completed

According to Act will be completed

According to Law No. 288/2004 Regarding the Organisation of University Programs

According to Act No. 111/1998 Coll. on Higher Education Institutions and on its Modification and Amendment of Other Acts

Date of issue:

Issuing University (stamp + signature):

The Rector of  
Université de Liège

The Rector of  
Universitatea Politehnica din Timișoara

The Rector of  
Università Degli Studi di Napoli Federico II

The Rector of  
Universidade de Coimbra

The Rector of  
České vysoké učení technické v Praze



Education and Culture DG

ERASMUS MUNDUS



**Master Course**  
**Sustainable Constructions**  
under Natural Hazards and  
Catastrophic Events

## DIPLOMA SUPPLEMENT

### 1. HOLDER OF THE QUALIFICATION

Family Name / First Name .....  
Date / Place of Birth .....  
Citizenship / Nationality .....  
Student ID Number or Code .....

### 2. QUALIFICATION

#### 2.1 Name of Qualification (full, abbreviated; in original language)

Inženýr (Ing.), Czech Technical University in Prague, Czech Republic

Master Ingénieur civil des constructions à finalité approfondie, University of Liège, Belgium

Master di I livello in "Sustainable construction under natural hazards and catastrophic events", University of Naples « Federico II », Italy

Mestrado em Construção Metálica e Mista , University of Coimbra, Portugal

Master, University of Timisoara, Romania

#### 2.2 Main Field of Study

Civil Engineering, Structural design, Steel structures

#### 2.3 Institutions Awarding the Qualification (in original language)

České vysoké učení technické, Czech Republic

Université de Liège, Belgium

Università degli Studi di Napoli Federico II, Italy

Universidade de Coimbra, Portugal

Universitatea Politehnica Timișoara, Romania

#### 2.4 Institution Administering Studies

České vysoké učení technické, Praha Status

University / State founded Institution

#### 2.5 Language of Courses/Examination

English and courses about Portuguese and Czech culture in local languages

### **3. LEVEL OF THE QUALIFICATION**

#### **3.1 Level**

Graduate/second degree by research with thesis

#### **3.2 Official Length of Programme**

1,5 years

#### **3.3 Access Requirements**

Bachelor degree in Civil Engineering or equivalent

### **4. CONTENTS AND RESULTS GAINED**

#### **4.1 Mode of Study**

Full-time; two semesters course work, one semester final research-oriented Master thesis

#### **4.2 Programme Requirements/Qualification Profile of Graduate**

The focus of master course SUSCOS\_M is to provide attendees the engineering ability and know-how to design and construct structures in a balanced approach between economic, environmental and social aspects, enhancing the sustainability and competitiveness of the steel industry. The course is organized in three modules covering buildings; bridges and energy-related infra-structures from concrete, steel, timber, and composite structures and equipment's with a practice oriented approach. A strong emphasis is given to the reduction of carbon footprint, the energy efficiency of buildings considering a life-cycle approach and the integration in the structural systems of renewable energies and innovative technologies.

The degree awarded is a Master Degree, provided as a joint diploma. The MSc has duration of three semesters and is held on a rotating basis among partners. Coursework is concentrated in two countries and dissertation work is divided between all partners. Students may spend one term in one country and the coursework part of the second term in a second country. The dissertation is carried out at any of the six partner countries. The courses are lectured in English by academics from all partner institutions and invited teachers from associated members.

#### **4.3 Programme Details**

The detailed curricula is published at final examination certificate for subjects offered in final examinations and topic of thesis, including evaluations.

#### **4.4 Grading Scheme**

Cf. Transcription of Records and Attachments

#### **4.5 Overall Classification**

Final Grade

The final grade is determined as average of the marks for the modules and the mark for the master thesis and its defence according to the common study and examination regulations.

### **5. FUNCTION OF THE QUALIFICATION**

#### **5.1 Access to Further Study**

Qualifies to apply for admission to doctoral studies

## **6. ADDITIONAL INFORMATION**

### **6.1 Additional Information**

The European master course SUSCOS\_M is offered by the following six partner institutions: Czech Technical University in Prague, etc.

It is implemented as a mutually adjusted set of Master's Programs local to those universities. Students spend their first two semester at two of the Partner Universities on the rotation basis (each edition starts at different university). Afterwards they select one of the six partner institutions for the last semester. Mutual recognition of credits is on the basis of modules and the MSc thesis. On the successful completion of his/her studies a student receives a Joint Master's Degree from the all Partner universities.

### **6.2 Further Information Sources**

On the programme: <http://steel.fsv.cvut.cz/suscos/index.htm>

On the faculties:

University of Liège: <http://www.ulg.ac.be>

University of Naples « Federico II » : <http://www.unina.it>

University of Coimbra:  
<http://www.uc.pt/fctuc/dec/ensino/informacoesalunos/avisos/areamecanicaestrutural>

University of Timisoara: <http://www.upt.ro>

## **7. CERTIFICATION**

This Diploma Supplement refers to the following original documents:

Master Diploma

Master Certificate

**Official Stamp and Signature of Chair of Examination Board**