



Sustainable Constructions under Natural Hazards and Catastrophic Events
520121-1-2011-1-CZ-ERA MUNDUS-EMMC

Information about European Master for Steel Structures



List of subjects

MODUL 1 (30 ECTS)

- 1C1: Design of **sustainable constructions**
- 1C2: Conceptual design of **buildings**
- 1C3: Conceptual design of **bridges**
- 1C4: Local culture and language
- 1E5: Advanced design of **glass** structures
- 1E6: Design **for renewable energy** systems
- 1E7: Rehabilitation and **maintenance** of structures

MODUL 2 (30 ECTS)

- 2C8: **Advanced design** of steel and composite structures
- 2C9: Design for **seismic** and climate changes
- 2C10: Design for **fire and robustness**
- 2C11: Business **economics and entrepreneurship**
- 2E12: Advanced design of **timber** structures
- 2E13: Advanced design of **concrete** structures
- 2E14: Design of **aluminium and stainless steel** structure

MODUL 3 (30 ECTS)

- C15: **Dissertation** at 6 partner Universities

Partners

Introduction

Subjects

➤ **Partners**

Scholarships

Edition 2015 – 17

Summary



European Erasmus Mundus
Master Course



Sustainable Constructions
under Natural Hazards
and Catastrophic Events

 **"Politehnica" University of Timisoara**

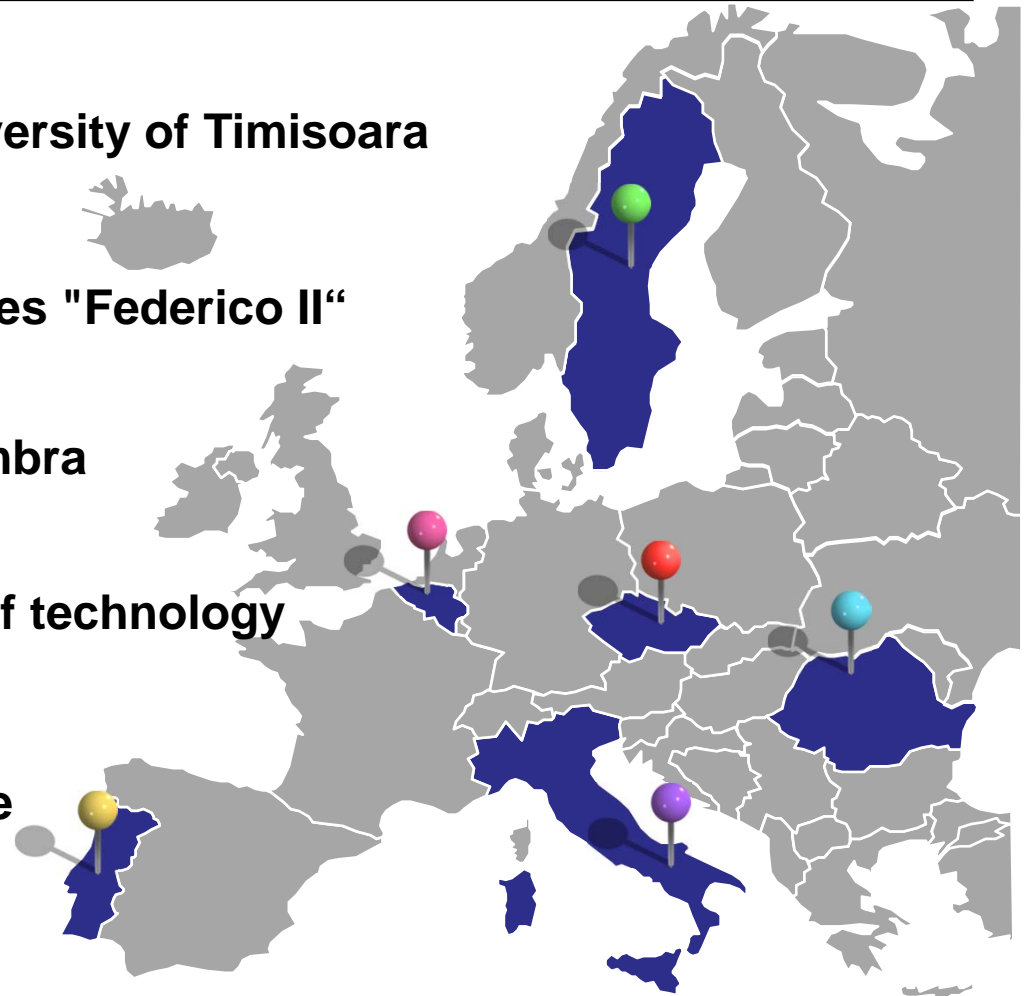
 **Univeristy of Naples "Federico II"**

 **University of Coimbra**

 **Lulea University of technology**

 **University of Liège**

 **Czech Technical University in Prague
coordinator**



Scholarships

Introduction

Subjects

Partners

➤ Scholarships

Edition 2015 – 17

Summary

- EU EM for Third-country students (plan 10)
Tuition fee + monthly allowance 1000 €
- EU EM for European students (plan 6)
Tuition fee + monthly allowance 500 €
- Consortium scholarship (plan 6)
Tuition fee by Consortium
- Industrial scholarship (plan till 6)
Tuition fee + monthly allowance by Industrial partner
- Self-sponsoring students (plan till 6)
Tuition fee 3 x 2000 €

European Erasmus Mundus
Master Course



Sustainable Constructions
under Natural Hazards
and Catastrophic Events

Application for sholarship

Introduction

Subjects

Partners

➤ Scholarships

Edition 2015 – 17

Summary

Deadline 31 December

Decision 30 April

Requirements

- Bachelor degree in Civil/Structural Engineering
- Preference to previous professional/research experience
- Fluent level in English

Application from **SUSCOS_M** web page

European Erasmus Mundus
Master Course

SUSCOS

Sustainable Constructions
under Natural Hazards
and Catastrophic Events

Fourth Edition 2015-2017

Introduction

Subjects

Partners

Scholarships

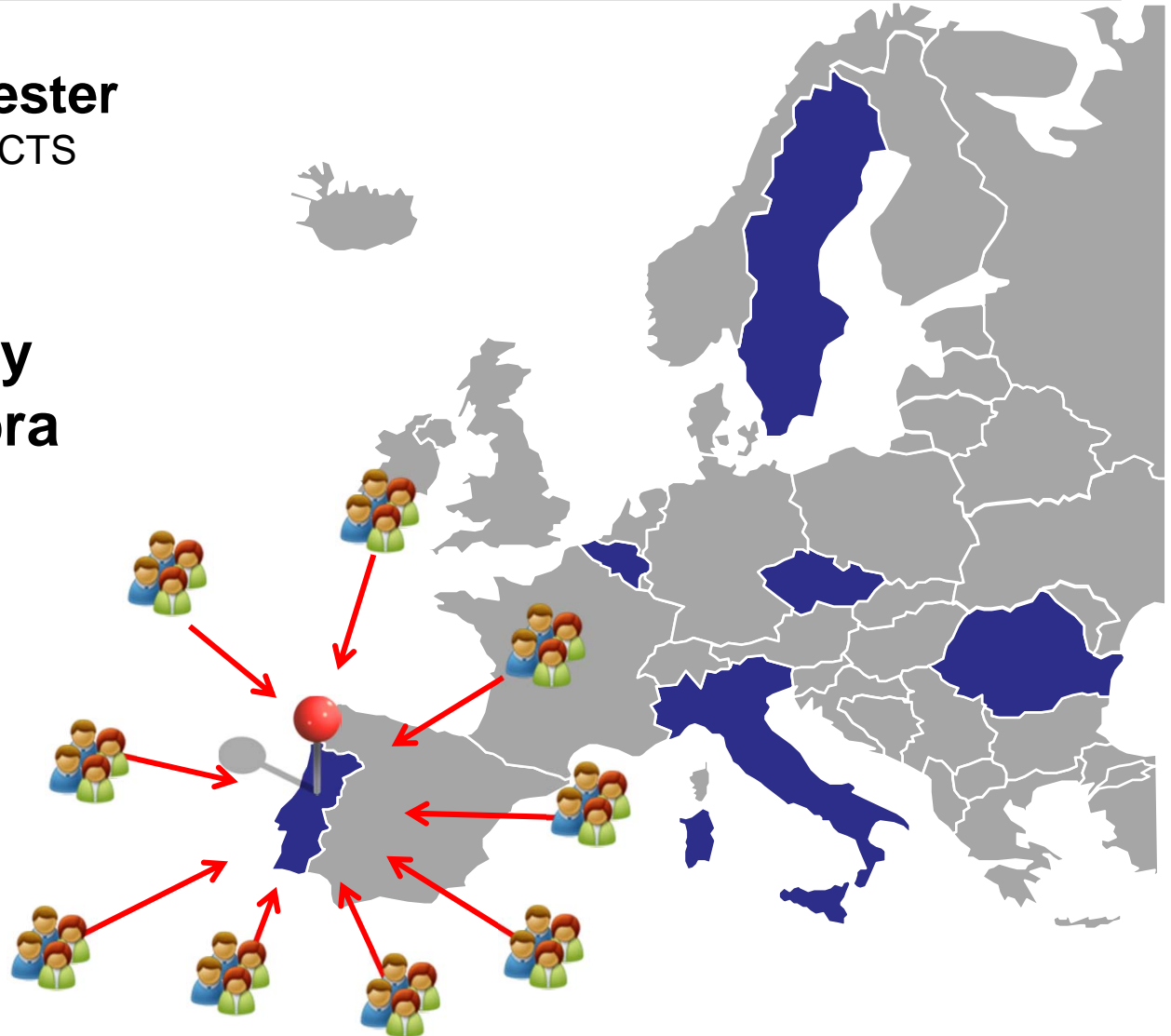
► Edition 2015 – 17

Summary

First semester

Courses, 30 ECTS

University of Coimbra



European Erasmus Mundus
Master Course



Sustainable Constructions
under Natural Hazards
and Catastrophic Events

Fourth Edition 2015-2017

Introduction

Subjects

Partners

Scholarships

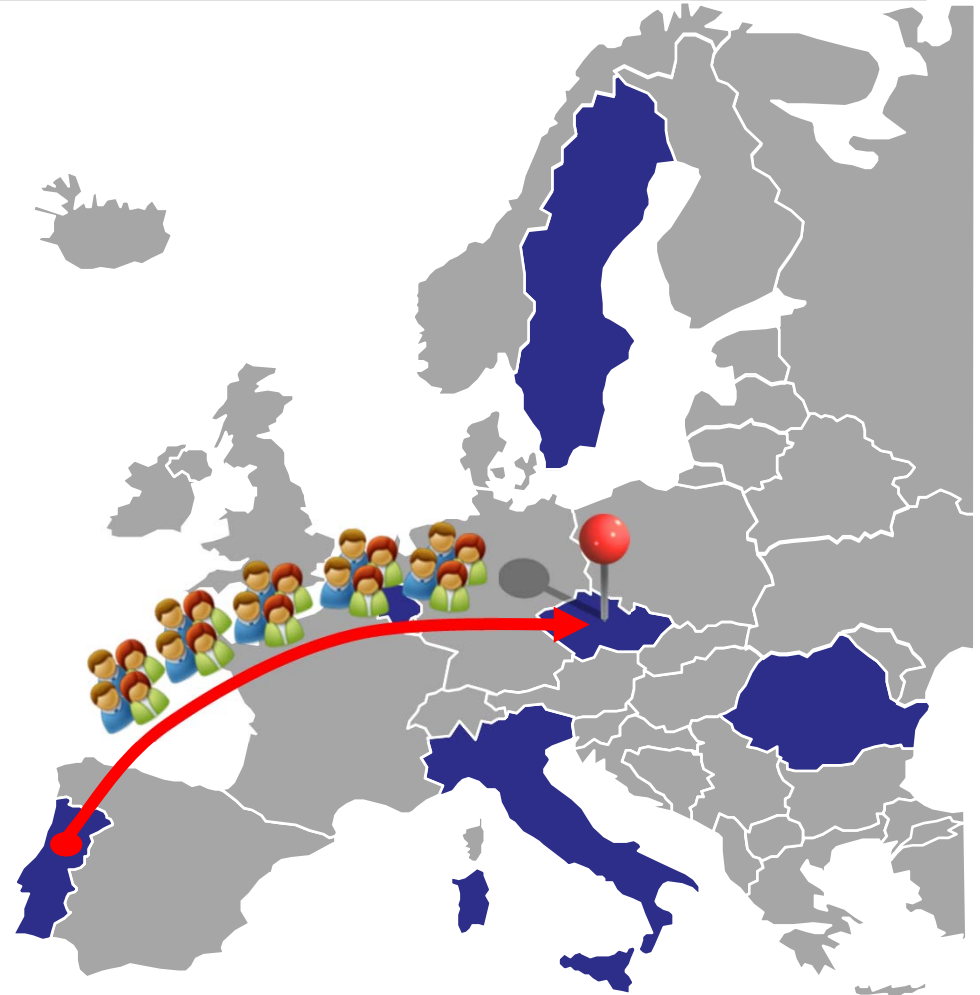
► Edition 2015 – 17

Summary

Second semester

Courses, 30 ECTS

Czech Technical University in Prague



European Erasmus Mundus
Master Course



Sustainable Constructions
under Natural Hazards
and Catastrophic Events

Fourth Edition 2015-2017

Introduction

Subjects

Partners

Scholarships

► Edition 2015 – 17

Summary

Third semester

Thesis, 30 ECTS

Czech Technical
University in Prague

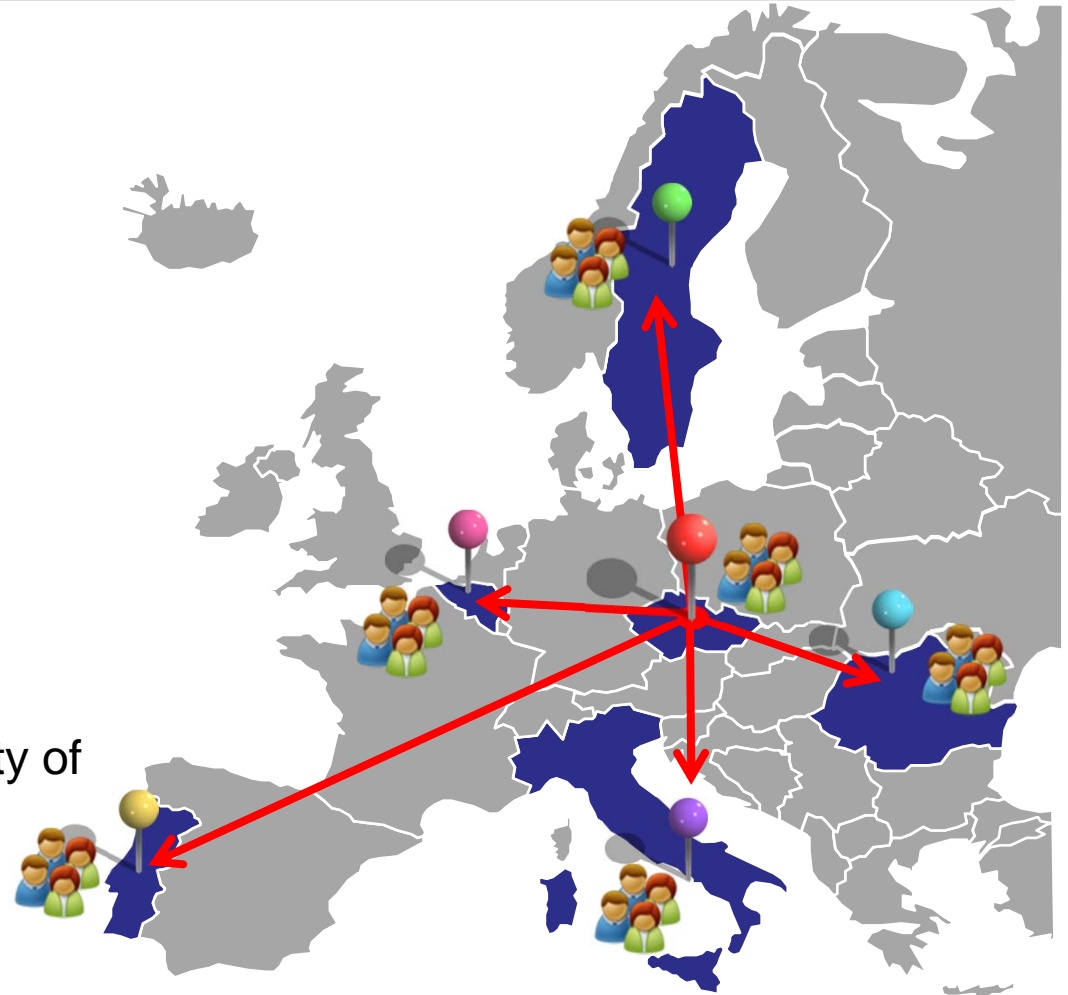
University of Coimbra

Lulea University of
Technology

University of Liège

"Politehnica" University of
Timisoara

Univeristy of Naples
"Federico II"



European Erasmus Mundus
Master Course



Sustainable Constructions
under Natural Hazards
and Catastrophic Events

Summary

Introduction

Subjects

Partners

Scholarships

Edition 2015 – 17

➤ Summary

- High chance for scholarship for **European students**
 - Overseas students
 - 456 applications for EU grant 10 accepted
 - European students
 - **30 application for EU grant 7 accepted**
- **The scholarship from industry**
 - good medium term investment to human sources



European Erasmus Mundus
Master Course



Sustainable Constructions
under Natural Hazards
and Catastrophic Events



Thank you for your attention

URL: steel.fsv.cvut.cz/suscos

