



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

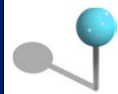
Summary



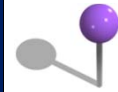
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Master Course



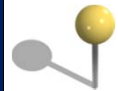
Sustainable Constructions
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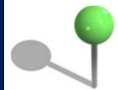
"Politehnica" University of Timisoara



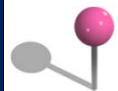
Univeristy of Naples "Federico II"



University of Coimbra



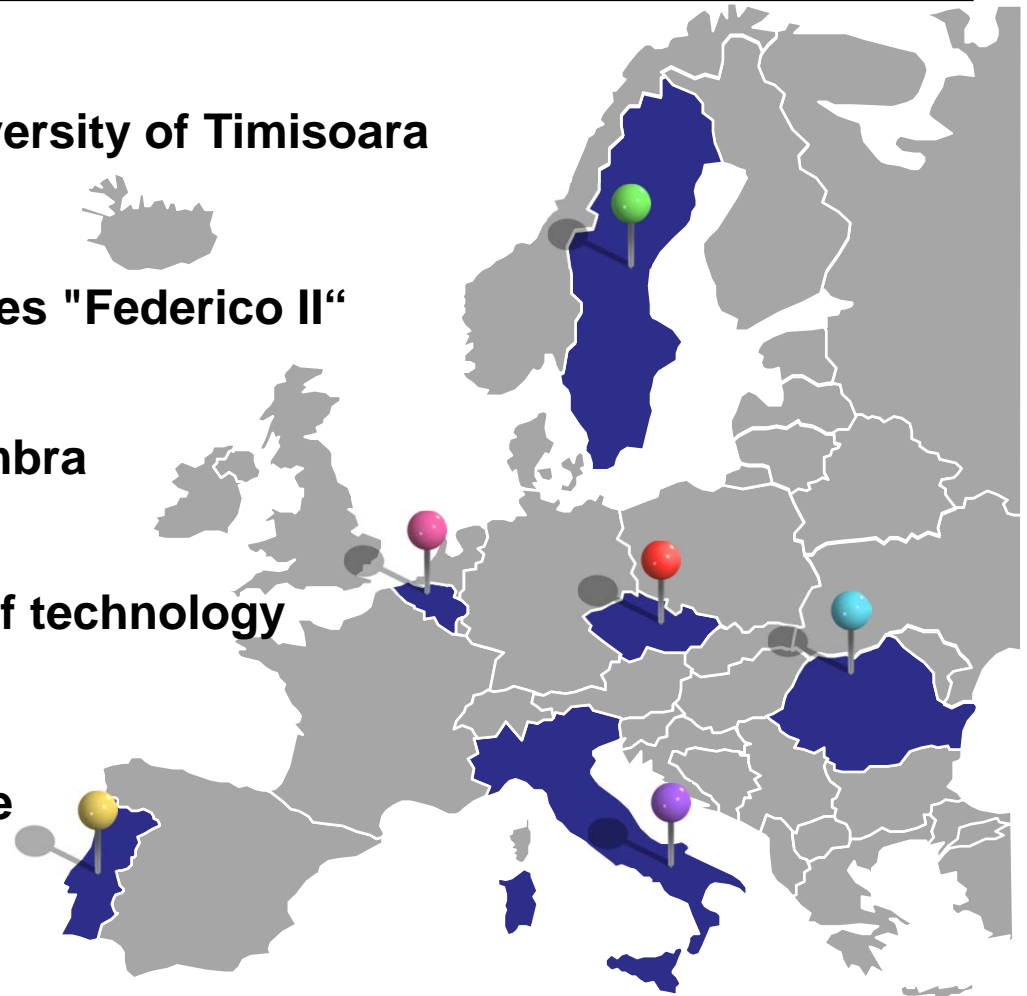
Lulea University of technology



University of Liège



**Czech Technical University in Prague
coordinator**



Scholarships

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Edition 2015 – 17

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Sustainable Constructions
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- 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 €

Application for sholarship

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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

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SUSCOS

Sustainable Constructions
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Fourth Edition 2015-2017

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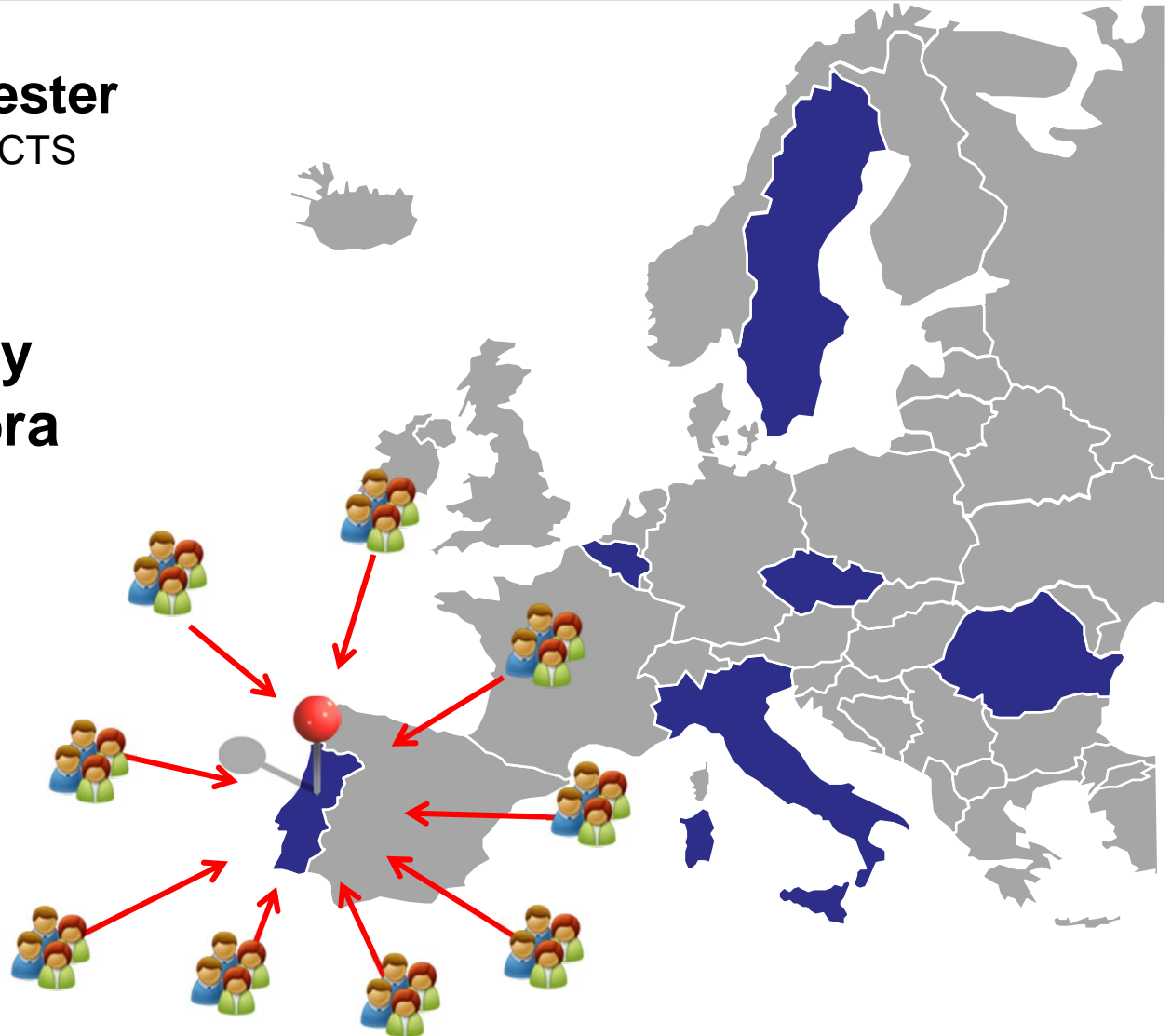
► Edition 2015 – 17

Summary

First semester

Courses, 30 ECTS

University of Coimbra



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Sustainable Constructions
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Fourth Edition 2015-2017

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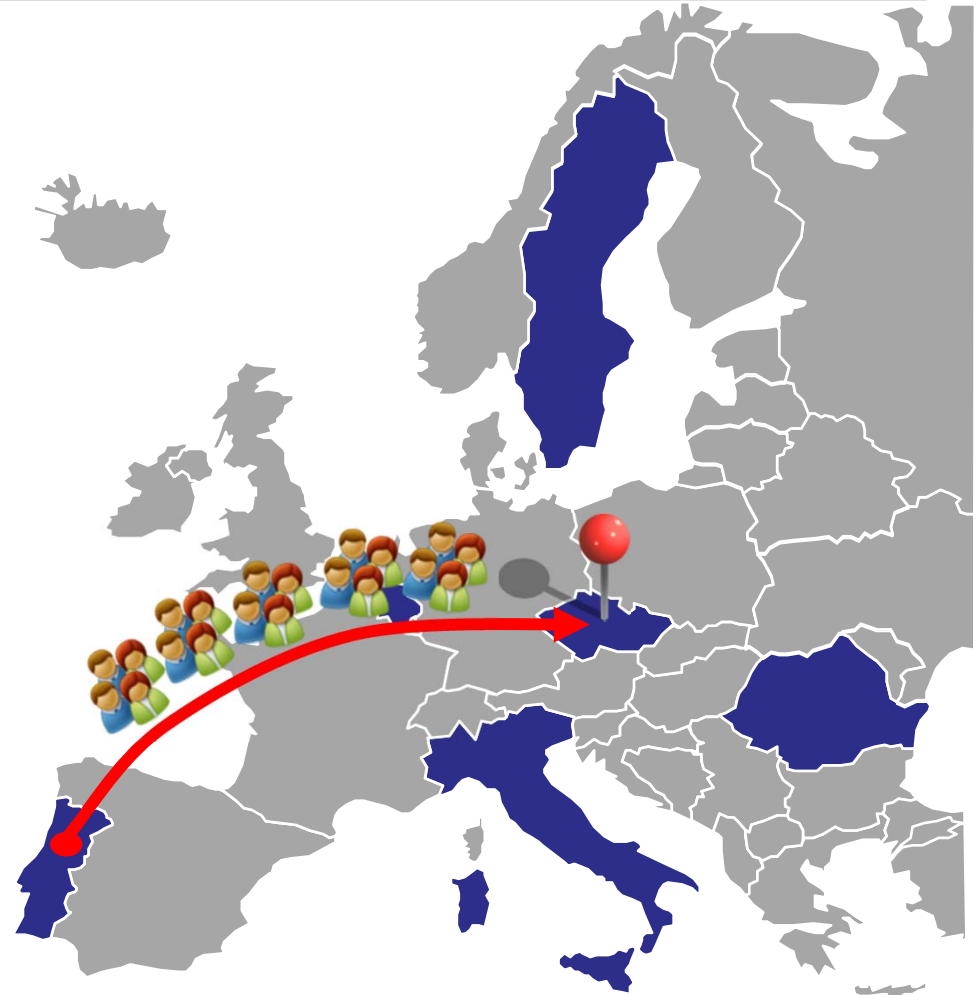
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Second semester

Courses, 30 ECTS

Czech Technical University in Prague



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Third semester

Thesis, 30 ECTS

Czech Technical
University in Prague

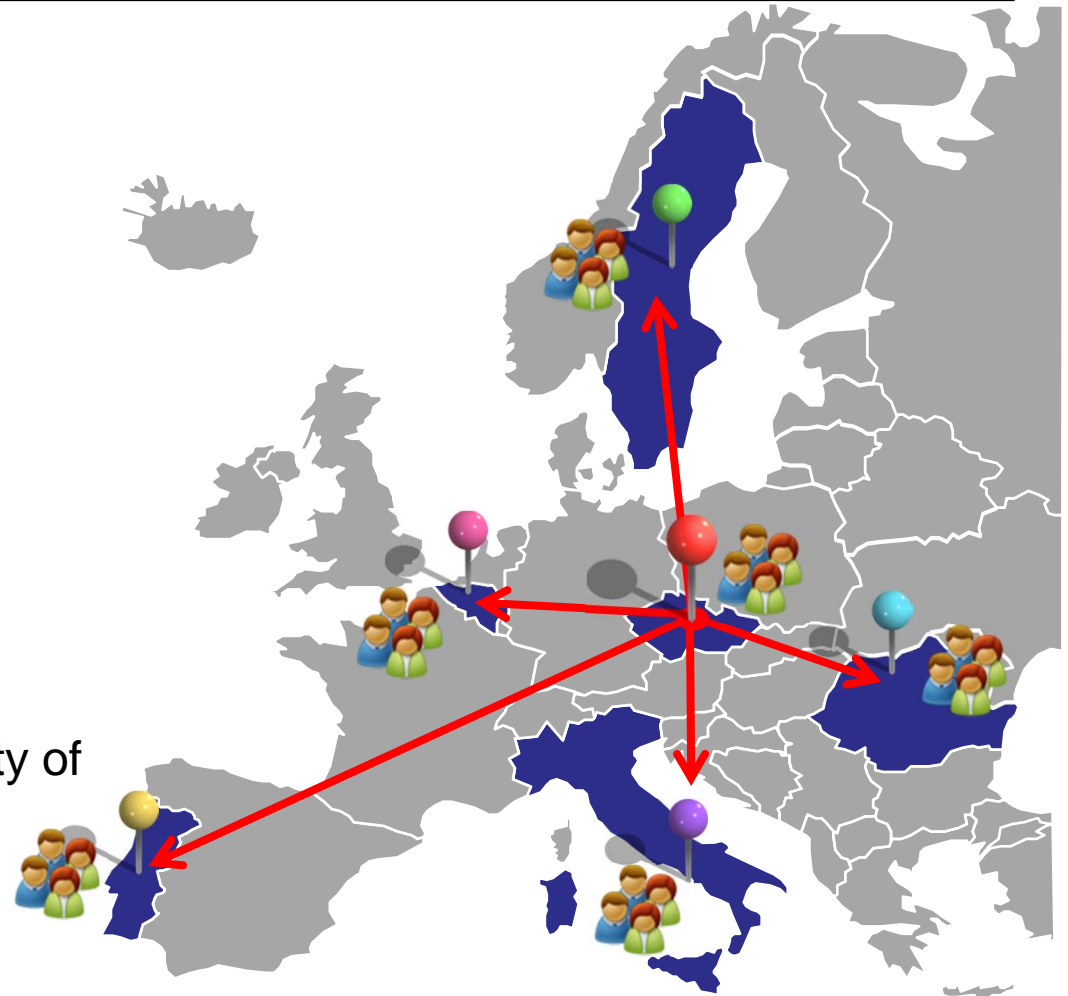
University of Coimbra

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Technology

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Timisoara

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"Federico II"



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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



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Thank you for your attention

URL: steel.fsv.cvut.cz/suscos

