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# EMMC STEPS



Erasmus Mundus Joint Masters Course in

# Sustainable Transportation and Electrical Power Systems (STEPS)



UNIVERSIDAD DE OVIEDO



The University of  
**Nottingham**

UNITED KINGDOM · CHINA · MALAYSIA



Instituto Superior de  
Engenharia de Coimbra



**SAPIENZA**  
UNIVERSITÀ DI ROMA



# Introduction



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- International Master Course **financed by the EACEA** within the Erasmus Mundus Program, Action 1A.
- Consortium of four Universities:
  - University of Oviedo
  - University of Roma “La Sapienza”
  - The University of Nottingham
  - Polytechnic of Coimbra
- It offers a ***highly specialized education in Electrical Engineering***, focusing on two of the areas of the highest technological content and professional requirements: ***Sustainable Transportation*** and ***Electrical Power Systems***.



# Our vision



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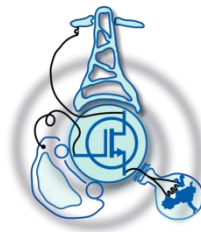
- We have the ambition to train highly motivated professionals and give them a complete and deep specialization.
- The two topics that we selected (ST and EPS) are posing big problems to our society and are already having a big impact in today's life.
- We hope that our students will help provide sensible, innovative and durable solutions to those problems.

***We are looking for students who want to  
be challenged***



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# General Informations



- A limited number of students can be accepted in the program (max 25 places)
- EU provides grants to finance deserving students.
- Courses started 2012-13.
- Program financed for at least five editions.
- More than 500 applications are evaluated each year.
- Students are selected from all over the world. It is required to have at least a Degree in Engineering, preferably in Electrical Engineering.
- [www.emmcsteps.eu](http://www.emmcsteps.eu)



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# Program Structure



- All courses are taught in English
- The course is structured in 2 academic years, with four 30 ECTS semesters for a total 120 ECTS workload
- Students travel each semester and follow courses in at least three universities
- Final semester is completely devoted to internship and thesis
- At the end, students will be awarded a joint degree (valid in all four countries)



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# Program Structure



- Within the Master there are two separate paths:
  - “Sustainable Transportation”
  - “Electrical Power Systems”
- Students will travel, respectively, to:
  - Roma, Nottingham, Oviedo
  - Coimbra, Nottingham, Oviedo
- Last semester: Internship and Thesis  
(preferably in partner companies or universities)



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# Partner companies



## Companies

The partner enterprises for the Erasmus Mundus Master Course in Sustainable Transportation and Electrical Power Systems are:

The image displays a grid of logos for partner companies. The logos are arranged in five rows and four columns. The first row includes SEAT, Ford, Schneider Electric, and Gamesa. The second row includes ABB, edp, edp renováveis, and SIEMENS. The third row includes trainelec, MARTIFER, GE Global Research, and Windtec. The fourth row includes ALSTOM, EMERSON, CONTROL TECHNIQUES, and CHNT. The fifth row includes DICOHAT, WAGO, triphase, and DENSO.



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# How to apply for the 2015-17 edition



- Go to [www.emmcsteps.com](http://www.emmcsteps.com)
- Click on the tab Application Form
- Register and fill in the applications
  
- Deadline: December 31st 2014
- Main required documentation:
  - Transcript of records
  - Appropriate grade/score in an approved examination in English language equivalent to level B2





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***Are you up to the challenge?***

***STEPS forward!***

