



# EUREC

The Association of European  
Renewable Energy Research Centres

European research and education activities  
for the renewable energy sector



EUROPEAN MASTER IN  
SUSTAINABLE  
ENERGY SYSTEM  
MANAGEMENT

Coordinated by EUREC



EUROPEAN  
MASTER IN  
RENEWABLE  
ENERGY

Coordinated by EUREC

Nathalie Richet  
Interreg Europe Webinar '*Jobs and Skills  
for the energy transition*'  
29 April 2021

### Networking and visibility

Facilitating exchange of information to improve scientific knowledge and expertise on the latest technology as well as policy developments in the area of renewable energy. Access to a network of experts in the area of renewable energy technologies and policies:

- EUREC organises expert workshops twice per year, which are unique opportunities to be kept abreast with relevant technology developments in the area of renewable energy
- Bi-annual publication of Renewable Energy Projects Catalogue

### Project development

Fostering joint project development amongst its members, as well as widely promoting and disseminating research results, while respecting and protecting IPRs:

### Policy inputs

Active participation to the definition of common positions related to policy dossiers of interest to the renewable energy research community (FPs, SET-Plan..)

### Education and Training

Access to high qualified students and alumni who are taught in European Masters coordinated by EUREC:

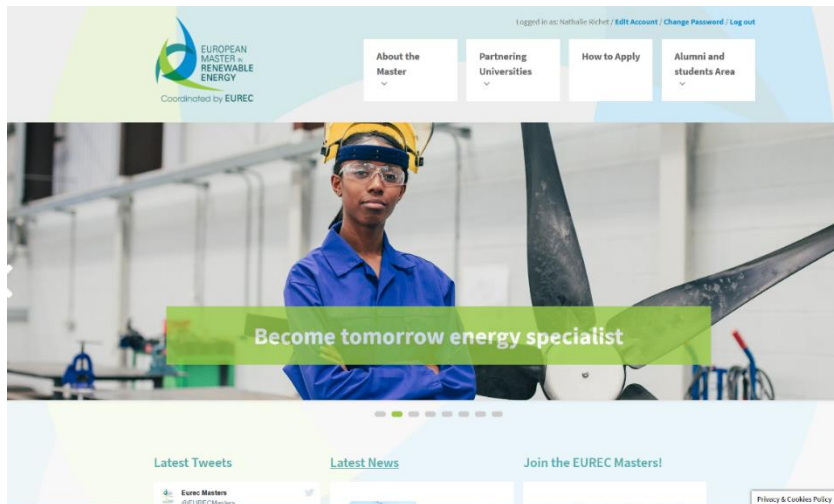
- European Master in Renewable Energy



- European Master in Sustainable Energy System Management



## European Master in Renewable Energy



- Technical /engineering
  - Background: electrical/mechanical engineering, maths/physics
  - Visit: [www.master.eurec.be](http://www.master.eurec.be)
- THE ASSOCIATION OF EUROPEAN RENEWABLE ENERGY RESEARCH CENTRES

## European Master in Sustainable Energy System Management



- Business/economy/management
- Background: Economics, environmental engineering, international business, energy management, ICT
- Visit: [www.sesym.eurec.be](http://www.sesym.eurec.be)

## **EUREC is in charge of the administrative coordination of the Masters on behalf of the universities**

In charge of the application process

First contact point for students and Alumni

Organisation of Steering Committee meetings

## **EUREC is in charge of communication and dissemination activities concerning the EUREC Masters**

Quarterly Masters Newsletter

Masters website

Masters Twitter account

Organisation of events (e.g. Welcome Day, Presentation Days)



**Launched in 2002, EMRE** focuses on the technical understanding and implementation of RETs.

Currently, 9 partner universities from 7 countries (FR, DE, ES, UK, NL, GR, PT) teach this Master.

Academic Year 2020/2021: 48 students registered.

First of its kind, funded by Alterner for the first years and now self sustainable

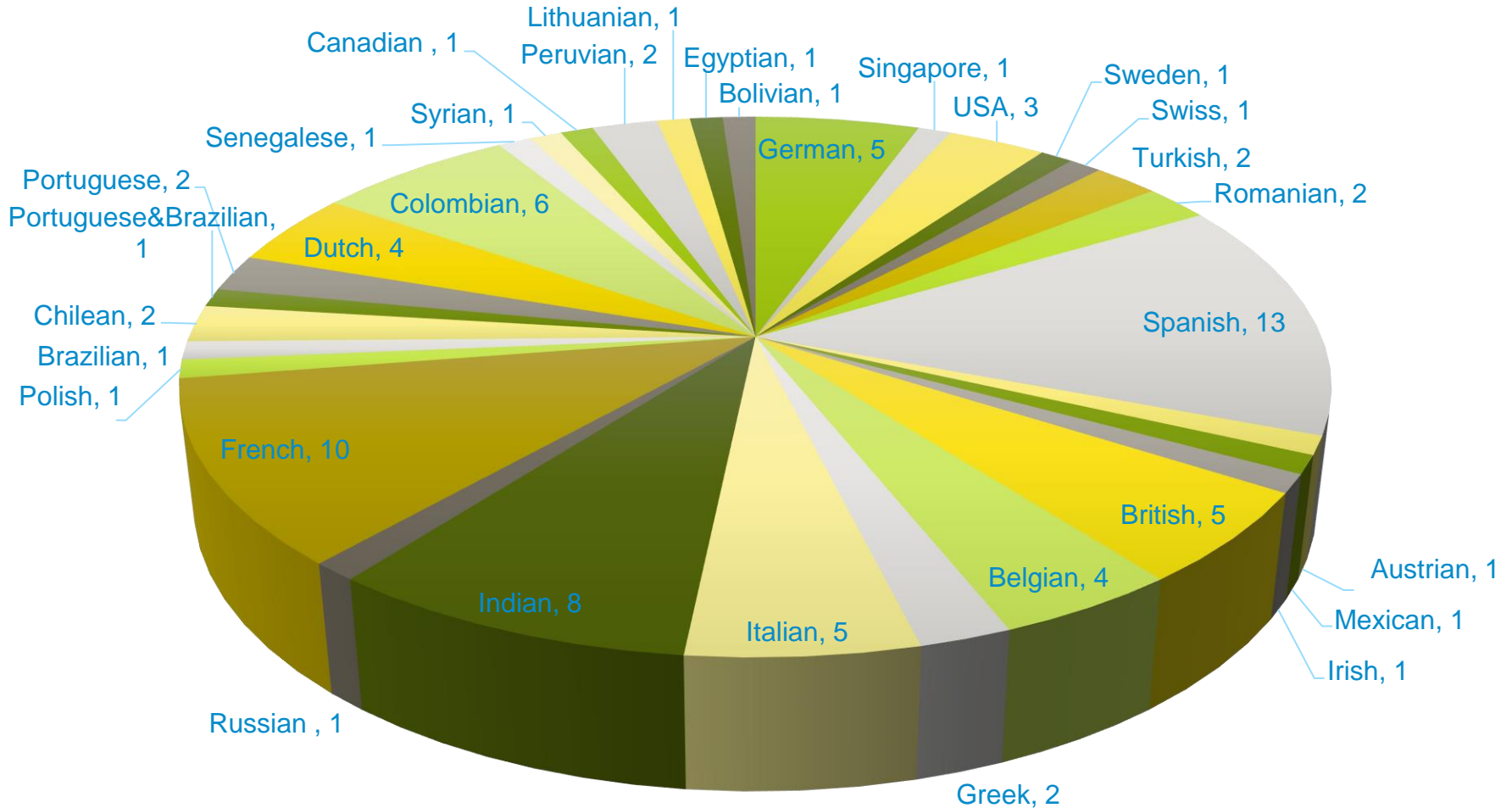
**Launched in 2015, SESyM** focuses on the multidisciplinary aspects of the energy systems, to educate innovative and market oriented energy professionals.

Currently, 5 partnering Universities from 5 countries (BE, IE, IT, NL and SP) are involved in this Master.

Follows requests from students with less technical background and need from the industry to have staff with a holistic and systemic view of the energy challenges



### 91 students, 32 different nationalities



## 12 Universities, 10 countries





# The course's three sections

Sept.21 to Jan. 22

Feb to June 22

June to Dec. 22

**CORE**

**SPE**

**PROJECT**

First semester, in  
different  
languages  
(English, French or  
Spanish)

Second semester  
you specialise in  
one particular  
technology or  
transversal issue

Internship in a  
company or  
research centre  
of your choice

For Academic Year 2021-2022, the course fee is :

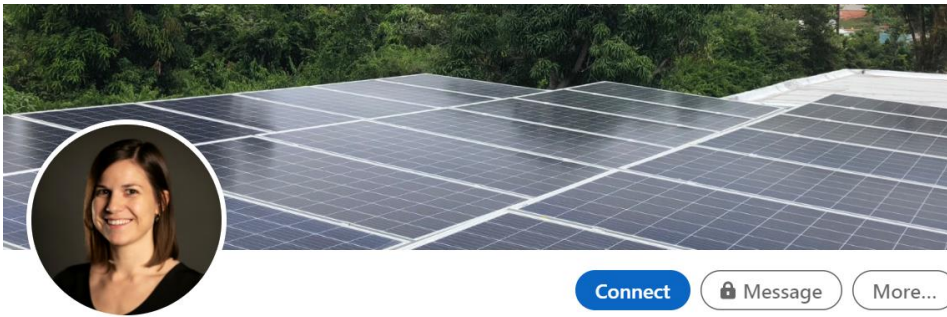
- **€8.000 for EU students (citizens of EU or EEA countries)**
- **€13.000 for non-EU students**

**The fees are payable in three instalments. The first instalment validates the registration and has to be paid by reception of the offer letter, the other instalments should be paid by September 30th and January 31st (of the following year) respectively, i.e. at the beginning of the core and specialisation part of the programme.**

Different payments schedules can be discussed for sponsored students

- **Organised in three semesters- diverse teaching methods and European dimension: each student must study in at least two different countries**
- **EUREC network - professors at the forefront of current research priorities, visiting experts from the industry, fields visits**
- **Six-month practical experience in a company or a research centre**
  - Adaptability skills -had to travel, find accommodation and find a project in at least two different countries in 16 months
  - Often masters more than two languages
  - Able to integrate technical knowledge and skills with technological, strategic, social and economic issues
  - Able to work effectively in project teams, and to communicate effectively in a range of complex environments, in an international and multidisciplinary team
  - Skills in analytical and research methodology and creativity including a reflective and critical approach, relevant for sustainable energy systems

## Some former students career paths

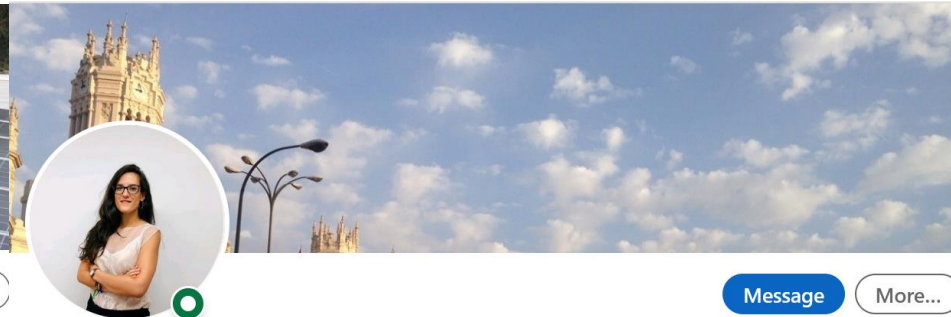
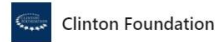


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Sanya Detweiler · 2nd

Associate Director, Clinton Climate Initiative at Clinton Foundation

New York City Metropolitan Area · 500+ connections · [Contact info](#)

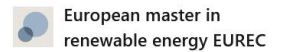
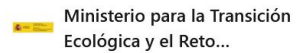


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Paula Santos Ortiz · 1st

Asesora en el Gabinete de la Secretaria de Estado de Energía

Madrid, Community of Madrid, Spain · 500+ connections · [Contact info](#)

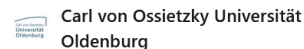


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Adham Atallah · 1st 

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Virginia Ruiz Albacete · 1st

Head of Offshore Transaction Support and Analysis

London, England, United Kingdom · 500+ connections · [Contact info](#)





Deutsches Zentrum  
für Luft- und Raumfahrt  
German Aerospace Center

Institute of  
Networked Energy Systems



*"Supplementary to their excellent knowledge base in renewable energies, EUREC students offer high level self-organization skills and international insights few students from other courses offer. For the DLR-Institute of Networked Energy Systems in Oldenburg, the European Master in Renewable Energy is an excellent source for master thesis applicants and employees."*

**Dr. Benedikt Hanke**

DLR-Institut für Vernetzte Energiesysteme e.V.  
Team Leader



*"EUREC graduates has always been a success, with most internships converted to permanent jobs. EUREC really provides top-notch graduates with excellent and relevant education in renewable energy"*

# THANK YOU .... QUESTIONS?



*For any question on the EUREC Master programmes, please contact the senior Master programme manager :*

Nathalie Richet [richet@eurec.be](mailto:richet@eurec.be)



[www.eurec.be](http://www.eurec.be)