



EUREC

The Association of European
Renewable Energy Research Centres

European research and education activities
for the renewable energy sector





Renewable Energy R&D Community in Europe

35 prominent R&D groups
from across Europe active in
research, development
and demonstration for all
renewable energy
technologies and
supporting technologies

An expert & independent view in four areas

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

Project development

Fostering joint **project development** among its members, as well as widely promoting and **disseminating** research results, while respecting and protecting IPRs.

Policy input & policy insight

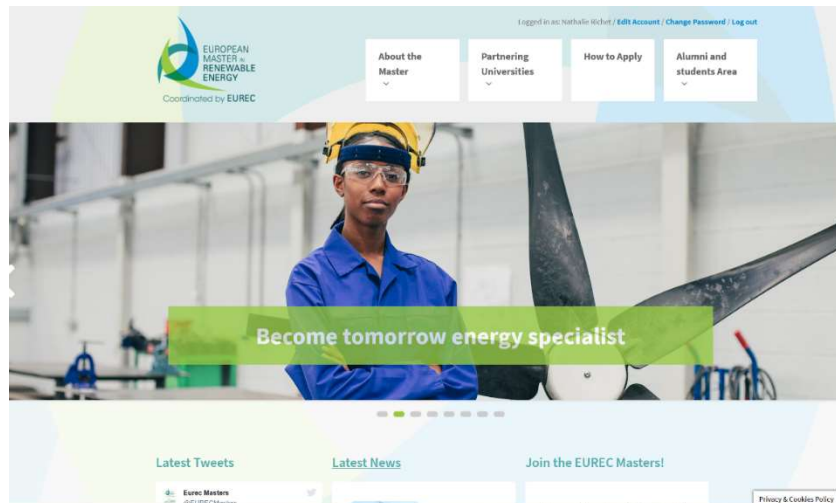
Active participation to the definition of **common positions** related to policy dossiers of interest to the renewable energy research community (FPs, SET Plan) + **info on Brussels**.

Education and training

Expanding the RES workforce by offering two European Masters:



European Master in Renewable Energy



- Technical /engineering
- Background: electrical/mechanical engineering, maths/physics
- Visit: 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

11 Universities, 10 countries



The course's three sections

September to January

January to June

June to December

CORE

SPE

PROJECT

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

Second semester
specialisation in
one particular
technology or
transversal issue

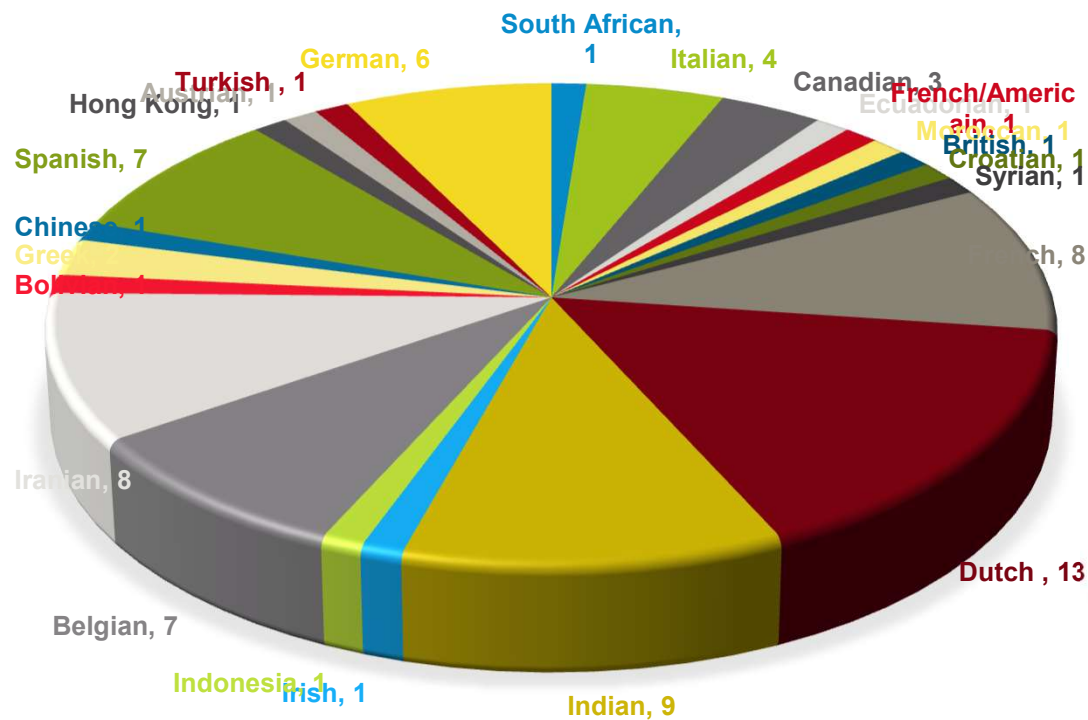
Internship in a
company or
research centre



Obligation to study in two different countries!

Article 5 of both programmes regulations: *"Mobility - Each student must study at least one Course Section in a different country from the other two"*

EUREC MASTERS 22/23: 80 STUDENTS, 24 NATIONALITIES



An enriching experience that allows students to learn from different teaching methods and cultural perspectives making them ready to solve a global problem



Luis Miguel Granja



EU	55%
non-EU	45%

- Structure, learning outcomes and professional and domain related competences need to be defined to develop hard and soft skills
 - Adaptability skills -had to travel, find accommodation and find a project in at least two different countries in 16 months
 - Able to integrate technical knowledge and skills with technological, strategic, social, legal 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**
- EUREC network - **professors at the forefront of current research priorities**, visiting experts from the industry, fields visits. **Higher Education Programmes must be research informed** so that graduates are market ready
- **Multi-disciplinary and Inter-disciplinary** approaches are critical
- RES Skills: not only engineering – also business, ecology, planning, finance, social sciences – and necessary at all levels: **entry into the RES market is possible for everyone**
- **Best practices** already exist with current HE programmes and skills gap analysis
- **Regional collaboration critical** between Further Education, Vocational Education and Higher Education



Who are we?

Under the EC initiative 'Pact for Skills', the large-scale partnership on RE Skills has been launched at the end of March - EUREC is one of the 3 coordinators and editor of the declaration

17 members, leaders from the entire spectrum of the Renewable Energy value chain



An initiative of the European Commission

Challenge

In 2022, 1.6 million people were employed in renewables in the EU. By 2030, we must reach 3.5 million, to meet our REPowerEU targets

Engagement of the partnership members

- Provide common understanding of the challenge in the renewables sector
- Equip individuals with needed skills to become the renewables workforce
- Promote quality careers and equal opportunities for all:
Attracting more women to clean energy related jobs and retaining them is key in filling vacancies
- Reinforce the sector's and its trainings' attractiveness
- Provide guidance and recommendations for public authorities



Shooting down the stereotypes of women engineers in the wind energy sector – EUREC Masters students visiting a 73.2 MW wind farm on Agios Georgios island, Greece

THANK YOU !

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

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