



MSc RENE

Renewable Energy

Holistic perspective on sustainable energy

Master Thesis internships in companies

Strong industry participation

Engineering and Business Case





MSc RENE is a cutting-edge programme offering a holistic view of renewable energy. With a unique focus on innovation and entrepreneurship, it trains future game-changers to design and implement new services and products for energy providers, manufacturers, business start-ups and public organisations.

Holistic perspective on sustainable energy

We aim to provide our students with a deep understanding of the world's energy challenges. We train them to contribute to the worldwide transition to a low carbon economy and to meet the worldwide goals in renewable energy.



Master Thesis internships in companies

Students in the second year apply their knowledge gained during the first year in the final Master Thesis. It will be developed individually by the student in a company, a KIC InnoEnergy start-up or research center.



Strong industry participation

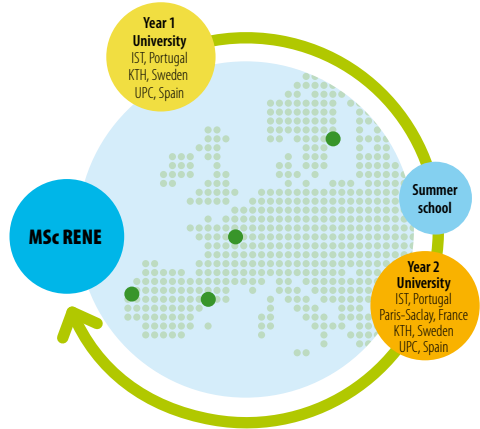
Our students meet experts from industry and enjoy a win-win relationship with them; strong professional and intellectual development plus involvement in a real-life technological innovation scenario.

ALSTOM



Second year specialisations

- Polygeneration (KTH)
- Wind energy (IST and Paris Sarclay)
- Hydropower (IST and Paris Sarclay)
- Ocean energy (IST)
- Energy vectors (Paris Sarclay)
- Solar PV (Paris Sarclay and UPC)
- Grid engineering (Paris Saclay and UPC)
- Concentrated solar power CSP (UPC)



*University for first and second year must be different.

Role of industry partners

Forty companies are actively participating in MSc RENE, including areas like the selection process, teaching, internship and job opportunities. One hundred percent of our students perform master thesis internship with our prestigious industry partners. This gives our students access to internationally-known industries that are pioneering activities at the forefront of the sustainable energy business.



Added value activities

Engineering and Business Case

This concept bridges the gap between technology and business in the renewable energy field. The case concept is based upon methods developed by Harvard University and Aalborg University and is unique for MSc RENE.

Management and Entrepreneurship Summer School

This four-week course, between year one and year two, is given by the ESADE Business School. It aims to provide the necessary concepts and tools to allow students to successfully prepare a business plan.

Entrepreneurs in a week

Entrepreneurship course in Lisbon during the winter in co-operation with KU Leuven.



KIC InnoEnergy Master School



*ESADE Business School,
Spain*



*Instituto Superior Técnico,
Portugal*



*Royal Institute of
Technology, Sweden*



*University of Paris-Saclay
France*



*Universitat Politècnica de
Catalunya, Spain*

Application details

Programme specific requirements.

A completed Bachelor's degree in Engineering Physics, Mechanical Engineering, Chemical Engineering, Electrical Engineering or Energy Engineering.

Applicants with other Bachelor degrees with similar training in mathematics, physics, material sciences and engineering will be considered on a case-by-case basis by the Master RENE Steering Committee.

Accreditation

Having successfully completed the programme (120 ECTS), you will be awarded the Master of Science (MSc) as a double-degree from the two universities you have attended.

Find out more on our website

Application dates and student testimonials

www.kic-innoenergy.com/rene



European Institute of
Innovation & Technology



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