



MSc Clean Fossil

Clean Fossil and Alternative Fuels Energy

Creative fusion of renewables
and fossil fuels

Strong involvement
of industry partners

Individual approach
plus modern pedagogy



MSc Clean Fossil combines the unique subject of fossil and new-generation fuels with the ability to integrate them with renewables to create high-efficiency sustainable power systems. Energy companies actively support the programme with internships, study visits and guest lectures from business specialists.

Creative fusion of most modern renewables and fossil fuels

This complexity allows you to discover enormous part of power sector which is the largest employer for young engineers.

Strong involvement of industry partners

A close relation with industry is achieved thanks to a two-month industrial internship for every student, study visits and invited lectures, as well as a Master Thesis proposed, developed and supervised by industry partners. The art of solving real problems and other practical skills acquired during such cooperation will not go unnoticed by industry and may even turn your internship into a full-time, challenging and well-paid job.

Individual approach plus modern pedagogy

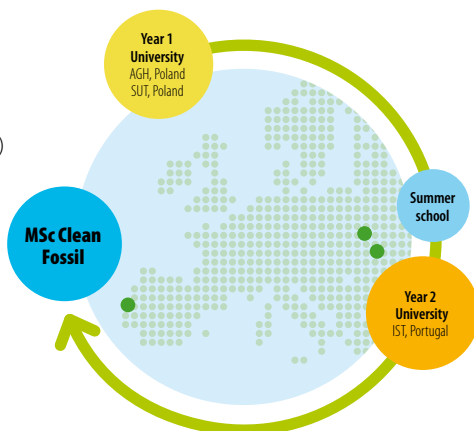
Small groups of 6–10 students make the educational process extremely effective and allows for implementing modern teaching tools and close student-teacher relations. This creates an atmosphere of cooperation and increases the chances of developing complex practical skills.



Second year specialisations

Chemical fuels as part of the energy mix (IST)

Renewable energy as part of the energy mix (IST)



Role of industry partners

Many companies are actively participating in MSc Clean Fossil, including areas like teaching, e.g. study visits and guest lectures, internship and job opportunities. The vast majority of our students perform Master Thesis internships with our prestigious industry partners. This gives them access to internationally-known industries that are pioneering activities at the forefront of the sustainable energy business.



Added value activities

Learning by doing

The teaching process is organised in a modern way - students learn by conducting specific projects. For instance, each year they organise a conference where young scientists acquire practical knowledge linked with project management and presentation skills.



Management and Entrepreneurship Summer School

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

KIC InnoEnergy **Master School**



*University of Science and
Technology, Poland*



*Instituto Superior Técnico,
Portugal*



*Silesian University of
Technology, Poland*

Application details

Programme specific requirements.

A completed Bachelor's degree in Chemical Technology/Engineering, Chemistry, Energy Engineering, Power Engineering, Mechanical Engineering or Environmental Engineering.

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/cleanfossil



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