

Innovative and Sustainable Energy Engineering

The purpose of the Nordic Master Programme in "Innovative Sustainable Energy Engineering" is to provide state-of-the-art education in the fields of conventional and renewable energy sources like **conventional and new power generation, solar energy, biomass energy, wind power and energy utilization** in the built environment by means of economically and environmentally sustainable systems and technologies.

The term "sustainable energy engineering" comprises a wide array of practices, policies and technologies (conventional and renewable/alternative) aimed at providing energy at the least financial, environmental and social cost. A strong emphasis is placed on dealing with energy engineering tasks with due consideration of technical, environmental and socio-economic issues.

Another strong emphasize is put on the Innovative and Entrepreneurial aspects of the energy society, especially related to how existing and new efficiency improvement innovations can be brought to the market in different countries. The innovative aspects inside the programme are both related to the advanced renewable concept in the Nordic countries as well as regards to new businesses in the energy sector.

There are five study tracks:

- [Bio Energy](#)
- [Energy System](#)
- [Heat and Power Engineering](#)
- [Solar Cell Systems and Material](#)
- [System Integration of Wind Power](#)

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02.06.2020

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