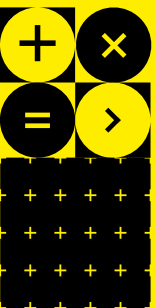




New
Energy
Business School



Offshore Wind Energy Programme



Offshore Wind Energy Programme



The Road to an Offshore Wind Strategy

+



**Introductory &
intermediate**



North Sea Energy



3 days



€ 2,825. *

As the global energy landscape rapidly shifts towards renewable sources, offshore wind energy stands out as a critical component in achieving sustainable energy goals. This three-day course offers a comprehensive understanding of the offshore wind energy industry, combining theoretical knowledge, practical insights, and hands-on experiences.

Designed for professionals working in the energy sector, policymakers, engineers, environmental specialists, and anyone involved in or interested in offshore wind energy development, the program covers everything from the fundamentals of wind energy technology to the complexities of integrating offshore wind power into existing systems.

*Subject to change and excl. VAT, travel
and accommodation costs



About the programme

On the first day of the course, you will get a in depth introduction to offshore wind energy, focusing on the global market, technical fundamentals, and integration into the power system. The afternoon focuses on linking wind energy with hydrogen production and the role of ports in offshore developments. The day concludes with an interactive simulation in which you will experience the complexity of energy integration.

Day two dives into the development processes, circularity, and the ecological impact of offshore wind farms. the course starts with a visit to a production facility, where you will gain insight into the production of submarine and inter array cables for the offshore wind sector. This is followed by a comprehensive session on the wind farm development process, from planning to investment decision, including financial incentives and European regulations. The afternoon will focus on circular economy in offshore wind, with a focus on circular design and sustainable solutions. A case study then delves into collaboration within the value chain for greater sustainability. The day will end with a panel discussion on the ecological impact of offshore wind farms and the challenges for the marine environment.

The final day looks at future innovations, operational challenges, and regional development opportunities. We will discuss new opportunities for co-use of wind farms and cover the challenges of offshore electrolysis and offshore wind farm maintenance. The day ends with a workshop on strengthening the northern region through wind energy, focusing on integration into the regional energy system.



How you benefit

- ⊕ Deepen your understanding of the offshore wind sector through direct access to industry experts, realworld case studies, and practical site visits.
- ⊕ Develop critical skills in project development, system integration, and sustainable practices.
- ⊕ Network and connect with peers and leaders from across the industry, fostering collaborations that can lead to new projects and initiatives.
- ⊕ Gain skills and expertise needed to navigate and contribute to this rapidly evolving sector.



What you learn

After completing this programme, you will have:

- ⊕ An understanding of the latest technologies and methodologies used in wind farm development, from site selection and design to integration with the power grid and hydrogen production.
- ⊕ Acquired the knowledge and skills needed to manage and contribute to offshore wind projects.
- ⊕ Explored the challenges and opportunities in making offshore wind farms more circular and sustainable, including the latest strategies for reducing environmental impact and enhancing biodiversity.
- ⊕ A clear understanding of the economic and policy landscape.

Who should attend

This programme is meant for professionals in the energy and offshore wind sector who want to get an in-depth overview of offshore wind (parks) with the latest technological developments and trends in the energy transition. These three days are especially interesting for;

- ⊕ Project managers
- ⊕ Engineers
- ⊕ Technical Directors
- ⊕ Environmental Specialists
- ⊕ Policymakers
- ⊕ Regulatory Affairs Managers

It is also valuable for those who focus on renewable energy projects:

- ⊕ Business Development Managers
- ⊕ Sustainability Consultants
- ⊕ Financial Analysts



Associated partner of the programme:

- ⊕ NNOW

This programme is in cooperation with:

- ⊕ NedZero
- ⊕ Ayop
- ⊕ IRO

More information & registration

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Click here to
register

