

DTU Wind and Energy Systems

# Online Master of Wind Energy Sponsor Guide



DTU's Online Master of Wind Energy is a transformative journey and beneficial investment for both the participant and their sponsoring organization.

Despite the increasing popularity of wind power as a clean and renewable energy source, developing wind energy technology is complex and full of trade-offs. Moreover, the global wind energy landscape and technologies are changing rapidly and constantly. Organizations need experts with a strong knowledge base in wind energy who can help them stay ahead of the global energy transition.

The Online Master of Wind Energy will enable your employee to drive the development agenda of wind energy technologies in your organization. It will equip them with the solid knowledge foundation, leadership skills, confidence, and mindset to understand and navigate the complexities around wind energy development, as well as the tools to design, execute, and lead others in implementing wind energy power systems and solutions. Therefore, it is a win-win situation for both organizations and their employees.

# About Us

DTU Wind and Energy Systems is the world's largest public research institute for wind and energy. The department consists of more than 400 employees of 47 different nationalities who work with research, innovation, research-based consultation, and education.

At DTU Wind, we have elite scientists and top lectures whose specialisms span the full spectrum of wind and energy systems, from investigating nanoscale structures to macro-scale atmospheric flow, from designing the turbines of tomorrow to the digital energy solutions of the future, from developing electric power systems to exploring more democratic processes for project planning.

Studying the Online Master of Wind Energy at DTU Wind and Energy Systems will allow your employee to acquire comprehensive knowledge of wind energy and gain access to the most advanced research and technologies.



*"At DTU Wind and Energy Systems, we work directly with the major wind energy companies around the world. They trust that our candidates meet the highest standards. We have an obligation to match those expectations."*

Peter Hauge Madsen  
Head of Department at DTU Wind and Energy Systems



# Why sponsor your employee?

By sponsoring a candidate, you will build a leader with the right skills and mindset who will be able to play a crucial role in understanding complex challenges in the wind energy sector, engaging all stakeholders, and reaching your organization's energy transition targets.

## **The Online Master of Wind Energy will enable your employee to:**

- Gain comprehensive knowledge and up-to-date insights into wind energy.
- Gain access to state-of-the-art research and technology as well as extensive knowledge of topics such as aerodynamics, offshore wind farms, and many more.
- Analyse and understand complex challenges and interconnected problems within your organization.
- Network with elite scientists and fellow participants.
- Execute and lead others in implementing wind energy solutions.

## **As a participant in the Online Master of Wind Energy, your employee will:**

- Work specifically on wind energy development projects within your organization's value chain.
- Deep dive into the global and local contexts of developing wind energy in which your organization operates.
- Engage with stakeholders across multiple disciplines, both internally and externally.
- Enhance their capability to work with specialists from different fields of wind energy, ranging from aerodynamic experts to experts in grid integration or composite materials.



# What is my organization's interaction with a sponsored candidate?

The Master of Wind Energy programme enables your employee to bridge the work environment and the classroom. We welcome participants to directly tackle your organization's current challenges in developing wind energy as part of our immersive learning curriculum.

Bringing knowledge out of the classroom and into the real-world means starting to work with the organizations that are closest to our course participants: organization sponsors. Each sponsoring organization has several opportunities to engage in the programme and see tangible value in addressing its most pressing challenges in wind energy development.

## Case studies within the curriculum

In each course, there are opportunities for your organization to be integrated as a case study to the curriculum, where course participants can dive deeper into a prior or current challenge, and share past experiences or brainstorm new solutions.

## Wind energy projects

Your employee will conclude the programme working on a wind project within a value chain, preferably within your organization. You have the opportunity to work with your employee to define a pressing challenge in developing wind energy and a value-maximizing opportunity, which can be implemented during and after the programme.

## Consultation from elite scientists

As your employee works on various cases and projects related to your organization, they can receive guidance and feedback from lecturers who are elite scientists specializing in wind energy.



# What is expected from me as a sponsor?

To leverage the full experience for both the candidate and the sponsor organization we encourage you to engage in the process from beginning to end.

## Before Programme Start:

- Have an open discussion with your employee about what is required in terms of investment in both time and resources.
- Plan ahead for what opportunities your employees' newly acquired skills will be an asset for.
- Discuss the various challenges related to developing wind energy within your organization that you would like your employee to analyze and solve.
- Be prepared to find a financing model for the tuition fee of 15,000 DKK for each course or 173,000 DKK for the entire programme.

## During the Programme:

- Your employee will greatly benefit from you as an active sparring partner. Through the assignments, your employee will conduct an audit of the challenges within your organization.
- Being active and thinking ahead to formulate an interesting Immersive Learning Project for your employee will significantly increase the positive impact on your organization.
- Identify opportunities to implement newly acquired knowledge into projects and new initiatives, as well as disseminate results and proposals within the organization.

## Post-Graduation:

- The experience does not end with graduation. Continue further development by constantly giving your employee new challenges to amplify the positive impact on your organization.
- Recognizing your employee's individual achievement will help amplify the long-term contribution to your organization.



# Insights from our graduates



In my country, there were no courses in the field, so I started to search abroad. One of the first options was DTU, as it is one of the most renowned universities in the field. This online Wind Energy Master programme perfectly fits my ambitions, and secondly, it fits perfectly with my work time."

**Renan Venturini de Paula**

Micrositing Engineer, Siemens Gamesa, Brazil



What I enjoy the most about the programme is the flexibility. I have been able to access the content around other aspects of my life, which has been very valuable. And also, the lecturers have made them available to the students online to answer questions and actually provide knowledge beyond the course, which I really enjoyed."

**Sophie Yin**

Renewables Engineer, Woodside Energy, Australia



During the program, we are taught everything about wind energy, starting from how wind energy is generated, how it is distributed in the electricity grid, what its importance is in society, and all sorts of technical details that are crucial for making sure we develop more renewable energy sources.

What I like the most about the programme is the fact that everyone who is doing it is also working, and everyone is extremely motivated to continue and to learn more. And also, it is a good combination of people with different backgrounds. So it is more than just learning lectures - it is also learning from each other."

**Sandra Rangelova**

Structural Engineer at Heerema Marine, Netherlands

# Financial details

Participating in the Online Master of Wind Energy requires payment of participation fee. You can choose to study any number of courses or you can choose to study the full Master's programme.

The fees are charged per semester so the total cost of the programme will be distributed over the chosen study period. The tuition fee for Online Master of Wind Energy is DKK 173,000 (DKK 15,000 per course and DKK 38,000 for the final project). The fee includes video-recorded lectures, live webinars, work on projects, tests & quizzes, networking events, and all materials.

The cost of the programme can be covered by the employing organization, the participant, or an arrangement to split the cost between the parties.

## Contact

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