



# Energy transition – the path towards net zero



International MSc summer school

**Eindhoven University of Technology & Technical University of Denmark**

The continuous growth in energy demands is putting ever more stress on climate and environment. In line with the IPCC, we work on the target of net zero CO<sub>2</sub>-emissions by 2050. This goal cannot be achieved with the new zero emission technologies emerging alone but needs to be accompanied by mitigation strategies from energy saving to carbon capture utilization and storage technologies developed and implemented at an international level.

**In this course, you will get the opportunity to tackle the Energy Transition Challenge with your own ideas in an international setting!**

You will join lectures by senior researchers within this field from across the world to gain insights into the newest developments in Energy Technology, attend an online short courses on R&D and international project management and bring research to application through the implementation of an own project in collaboration with fellow MSC students from abroad in a challenge-based learning setting. Towards the end, you will get the chance to visit your partners in their home institute to exchange experiences and to showcase your idea in a presentation introducing a video you recorded to inspire the public domain.

## **You will learn:**

- The newest research on energy technology
- To bring your knowledge on energy technology to application
- To tackle the energy transition challenge in an international environment

What: Lectures on Energy Technology +  
Challenge-based Learning Course; 5 ECT

Date: 16<sup>th</sup> August – 3<sup>th</sup> September 2021  
*(1<sup>st</sup> – 3<sup>th</sup> September at DTU, travel costs are covered by TU/e)*

Setting: mixed – online and in person

Registration: OSIRIS- course: 4CBLM00 – **currently open**  
*(only 15 spots – first come, first serve)*

Questions: [m.rucker@tue.nl](mailto:m.rucker@tue.nl) (Maja Rucker)