

Towards next-generation renewable energy technologies

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Renewable energy technologies for the energy systems of the not so distant horizon of 2030 and 2050 are still at an early phase of research and development today.

Norway is one of the world leaders in sustainable energy, with the ambitious goal of reducing emissions of greenhouse gases by 40% by 2030. Taking as example various research efforts and technological innovations taken by academic, research, and industrial actors of this Nordic country, the talk will discuss the latest developments and activities in the field of offshore wind power, sustainable land and maritime hydrogen and electric transportation, solar power, carbon capture and sequestration, grid energy storage.