



Vast Energy Efficiency within Industry in all EU countries

organized by the sEEnergies, Utrecht University and Aalborg University



9:00 - 10:00 AM

17.03.2022

As a response to the European Commission's 2050 decarbonization goals, sEEnergies uniquely considers all aspects of the Energy Efficiency (EE) First Principle. By applying it in sectors and markets, country-by-country and grid-by-grid, and by combining temporal and spatial analyses, sEEnergies will develop an innovative, holistic and research-based EE-modelling approach.

The aim of sEEnergies is to quantify and operationalize the potential for energy efficiency in buildings, transport, and industry. The project goes beyond state-of-the-art science-based knowledge and methods, as it combines sectorial bottom-up knowledge with hour-by-hour modeling of the energy systems and spatial analysis in the EU.

Web: www.seenergies.eu Twitter: [@sEEnergiesEU](https://twitter.com/sEEnergiesEU)

At this webinar, Katerina Kermeli from Utrecht University and Rasmus Magni Johannsen from AAU will present a comprehensive bottom-up analysis of the energy efficiency and renewable energy potentials in all industry sub-sectors in all EU27 countries and the UK. Scenarios for 2030 and 2050 will be presented together with an in-depth analysis of each industry sector in each member state made by use of the IndustryPLAN model. The presentation will give a broad understanding of the economic and social impacts of implementing the Energy Efficiency First Principle in the industry sector in the transition to 100% renewable energy.

In his presentation, Wolfgang Eichhammer will focus on the most recent energy efficiency indicators (ODYSSEE database) and policies (MURE database), as developed under the Odyssee-MURE project (www.odyssee-mure.eu). Energy efficiency progress in the industry has slowed down in recent years in a number of European countries. Based on the European Energy Efficiency Scoreboard which was developed in the ODYSSEE-MURE project, we will show, which countries have made the most progress in industry and which policies have most contributed to the progress observed. The presentation will also briefly discuss the increasing divergence between energy efficiency progress and decarbonisation in industry.

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