

Energy transitions 2: The prosumer at the heart of the European energy markets, focus Germany – An overview of market mechanisms and consumption behaviour

Warning: there are 3 different Energy Transitions courses this semester.
Mind the schedule incompatibilities and attendance rules if you wish to take more than one.

Course plan

Compact course/Blockseminars

	Date	Room	Content
Introduction	05.05.2020 14-15h	Zoom	Formalities, overview
LV1	08.05.2020 12-16h (+ 3h autonomous)	Zoom	Common session with ET3 and Prof. Lowitzsch
LV2	22.05.2020 12-16h (+ 3h autonomous)	Zoom	tbd
LV3	02.07.2020 12-16h (+ 3h autonomous)	Zoom	tbd
LV4	16.07.2020 12-16h (+ 3h autonomous)	Zoom	tbd
LV5	23.07.2020 12-16h (+ 3h autonomous)	Zoom	Conclusion and oral presentations

Seminar description

As all European energy markets that of Germany has experienced massive changes over the past 20 years. Especially the increasing shift from fossil fuels towards energy from renewable sources poses critical challenges to all components of the system from production over transport to storage and demand. The role of the consumer becomes increasingly important in this context amongst others to level volatile production patterns of renewable energy sources, such as wind and photovoltaic power.

This course gives an overview of the energy market in Germany and its relation to the European setting. Students will learn how energy prices are formed, how grid stabilization is channelled into market mechanisms, and which role(s) consumers play in the energy markets of the future. It will place a special emphasis on consumption behavior and the formation of renewable energy communities newly introduced in the 2018/19 Clean Energy Package. Both aspects will play a vital role in the ongoing transition from a rigid and centralized to a decentralized and sustainable energy system based on renewable sources.

Literature

Final reader will be announced during the introduction

Formalities

Study programs

5/6/9 ECTS

MES modules: ZB Wirtschaft, WPM 6 // IBA modules: S-Module ; Faculty of Law: Master of German and Polish Law (Module 3); SPB 5 (European Law) (without ECTS)

Performance test and credits

- 5 and 6 ECTS: regular attendance; oral presentation; term paper around 15 pages
- 9 ECTS: regular attendance; oral presentation; term paper around 20 pages

Students are required to write a paper (80% of the grade) and present their research to the class (20% of the grade).

Deadlines

Paper submission

Upload final presentation of term paper topic by 21.07.2020 at 23:59

Finalized term paper by the end of the semester → SoSe 2020: 30/09/2020

<https://www.wiwi.europa-uni.de/de/studium/pruefungen/index.html>

<https://www.europa-uni.de/de/studium/termine/sommersemester2020.html>

Registration

By 03.05.2020 at kelso-professorship@europa-uni.de including immatriculation number and the exact title of the course