

First year of the Executive Master in EU Studies

Political Economy of Energy Transitions

Theme/Topic:	Political Economy of Energy Transitions
Expert:	Prof. François Bafoil , CERI Paris Dr Rachel Guyet , CERI Paris
Character:	Optional
ECTS Credits:	3 ECTS credits
Teaching methods:	Lecture, seminar and discussion at the presence workshop, guided forum
Assessment methods:	Final exam at the end of the term, assignments, active participation in workshop and forum discussion
Skills and competences:	Gaining a broad understanding of the political economy of energy transitions in Europe and in the world

Objective and course content:

4 parts:

History

Overview of the development of energy systems over the last two centuries in Europe and in the world.

Determinants

Three main dimensions of the field of the political economy of energy are going to be analysed:

1. how the demographic evolutions impact the energy demand
2. how urbanisation, industrialisation, mobility and consumption practices contribute to the climate crisis
3. how the energy transitions and resources can address the energy and climate challenges together

Resources and conflicts

Some major energy conflicts in Europe and its neighbourhood are going to be analysed.

Organisations and regulation

This chapter explores how energy transitions transform and are transformed by international and European institutions as well as by the State and the market.

Bibliographical advice:

Mitchell, C. (2008). *The Political Economy of Sustainable Energy*. Basingstoke: Palgrave Macmillan
Moe, E., and P. Midford (eds) (2014). *The Political Economy of Renewable Energy and Energy Security: Common Challenges and National Responses in Japan, China and Northern Europe*, Basingstoke: Palgrave Macmillan.

Smil V., (2017). *Energy and Civilization. A History*, Cambridge: MIT Press