

3794 Climate Change and Electricity Trade

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The perspective

Adaptation to climate change and access to sustainable energy belong to the biggest challenges of humankind.

What we in the civilised world do is rely on regulation, technology and business models to reduce carbon emissions, increase energy efficiency and increase the use of renewable energy sources.

In practice, this also means increased reliance on electrification and commercial law.



Regulation, technology and business models are connected on this commercial law course.

On one hand, the course discusses regulation designed to address climate change.

On the other, it tries to understand the impact of regulation on firms and their new business opportunities.

This means that the course has a connection to business strategy and what would make business sense.

The common theme is electricity business in a broad sense.



The rough topics

- Setting the scene. Climate change goals.
- Carbon markets and other ways to reach the goals.
- Electricity wholesale markets.
- Corp. strategies, business models and long-term supply contracts in electricity markets.
- Electricity spot markets, balancing and transmission.
Electricity financial markets.
- Energy efficiency, generation, buildings.
- Electricity storage, hydrogen.
- Mobility.



Lectures and term paper

There will be roughly 10 written lectures about big topics in this area.

Because of the very fast development of regulation, technology and markets in this area, I will be updating lectures for this year's course.

I am planning to upload 2-3 lectures per week to keep the momentum going.

The lectures are combined with other readings and simple questions or exercises that you can do yourself. You do not need to read all linked materials but they can help you understand this area.

When all lectures are in place, you will write a term paper.



Term paper

The term paper is the only method of assessment on this course. You will get a topic based on your student number. You will have about two weeks to write the term paper. I'll tell you more about the term paper when the lectures are in place.