

### COURSES

**Economics of Energy and Electricity Markets Course** offers an overview of topics related to fossil fuel supply, including an optimal extraction model and fundamentals of electricity markets (system and generation).

**Energy Economics and Climate Policy Course** includes an overview of topics related to global warming, economic instruments for global externalities, electricity, and new renewable sources.



For these courses, Professor Silvester van Koten has developed two interactive, visual business games that give students an experiential understanding of the fundamental principles of trading, peak-load pricing, market power, forward markets, and exchange-market trading.

### IMPACT IN THE REGION

#### ▶ REGIONAL COURSE REACH

2020-2021  
ACADEMIC  
YEAR

# 300



**Students Taught by  
Professor van Koten**



#### ▶ PARTICIPATING COUNTRIES

Georgia	Russia
Kazakhstan	Ukraine
Kyrgyz Republic	Uzbekistan

▶ **“I would definitely recommend this course to other students because it explains why are we burning so much oil in our present, what is going to be in the future, and how we can optimize our energy-producing branches.”**

STUDENT PARTICIPANT



#### PROFESSOR SILVESTER VAN KOTEN, Ph.D.

Professor van Koten is an economist, associate professor of economics at Jan Evangelista Purkyně University, and a research associate at CERGE-EI. He specializes in economics experiments and energy economics, with special interests in the economics of regulation, market design, and energy markets. He holds a Ph.D. in economics from CERGE-EI and a M.A. in Psychology from Utrecht University.

#### ▶ RESEARCH

Professor van Koten studies auctions for renewables and the consequences of specific auction design elements on costs, effectiveness, and efficiency using economic theory, computer simulations, and economic experiments.

- **Topics:** Forward premia in electricity markets, the effectiveness of self-regulating organizations, and the effects of transparent financial markets on competition and prices in the EU electricity markets.
- **Publications:** *Energy Economics*, *Energy Policy*, *European Economic Review*, and the *Journal of Regulatory Economics*.
- **Conferences:** EEA-ESEM, EARIE, ESA, EEM, and Economics of Energy Markets.

▶ **“[There was] a lot of empirical evidence in *Economics of the Environment and Natural Resources...* The up-to-date research review bridged what we teach and what researchers do.”**

STUDENT PARTICIPANT

#### ▶ TEACHING

Professor van Koten teaches a number of courses at different levels, including:

- **Ph.D.:** Energy Economics, Electricity Markets, and Experimental Economics
- **M.A.:** Microeconomics, Game Theory, Environmental Economics, Energy Economics, International Trade, and Regulation
- **B.A.:** Microeconomics, Game Theory, Environmental Economics, Energy Economics, and International Economics

#### ▶ YOU CAN HELP

Please consider donating to the CERGE-EI Foundation to increase the number and impact of these important courses.

Click here to find out more about our work:  
[www.cerge-ei-foundation.org](http://www.cerge-ei-foundation.org)