



2025 Energy and Climate Economics and Business days

Faculty of Economics and Business,

Duisenberg Building, Groningen

25 & 26 March 2025

PROGRAM (version 21Feb25)

Overview of program

Tuesday 25 March		
Time	Topic	Room
13:00 – 14:00	Registration / coffee, tea	Duisenberg Plaza
14:00 – 14:15	Plenary opening session	Blauwe zaal
14:15 – 15:30	Plenary session on climate policy	Blauwe zaal
15:30 – 16:00	Coffee/tea break	Duisenberg Plaza
16:00 – 18:00	Concurrent session 1	Room 5412.0025
	Concurrent session 2	Room 5412.0031
	Concurrent session 3	Room 5412.0040
18:15 - ...	Conference diner	Duisenberg Plaza
Wednesday 26 March		
8:45 :	Coffee, tea	Duisenberg Plaza
9:00 – 11:00	Concurrent session 4	Room 5412.0025
	Concurrent session 5	Room 5412.0031
	Concurrent session 6	Room 5412.0040
11:00 – 11:20	Coffee/tea break	Duisenberg Plaza
11:20 – 12:50	Concurrent session 7	Room 5412.0025
	Concurrent session 8	Room 5412.0031
	Concurrent session 9	Room 5412.0040
12:50 – 13:30	Lunch	Duisenberg Plaza
13:30 – 14:45	Plenary session on dynamics of energy systems	Blauwe zaal
14:45 – 15:00	Plenary closing session	Blauwe zaal
15:00 – 17:00	Closing drinks + vegetarian snacks	Duisenberg Plaza



Program plenary sessions

Opening session

Welcome by

- Prof. Machiel Mulder, professor of Energy Economics
- Prof Evrim Ursavas, Professor of Energy Logistics
- Prof. Peter Verhoef, Dean of faculty of Economics and Business

Plenary session on climate policy

- Academic keynote by Prof. Grischa Perino, Professor of Environmental Economics at the University of Hamburg, Germany
- Discussant: tba
- Plenary discussion
- Chairs: Prof. Machiel Mulder and dr. Roweno Heijmans

Plenary session on dynamics of energy systems

- Academic keynote by prof. Asgeir Tomasgard, professor of operations research at the Department of Industrial Economics and Technology Management of the Norwegian University of Science and Technology, Norway
- Discussant: tba
- Plenary discussion
- Chairs: Prof. Evrim Ursavas and dr. Arpan Rijal

Closing session

Closing by

- Prof. Machiel Mulder, professor of Energy Economics
- Prof Evrim Ursavas, Professor of Energy Logistics

Program concurrent sessions

Concurrent session 1: Climate Finance		
Speaker		Title
A	Dirk Broeders, Daniel Dimitov and Niek Verhoeven	Climate-linked bonds
B	Francesco Jacopo Pintus and Jan Jacobs	Fiscal impacts of climate anomalies
C	Bert Kramer	Sovereign yields and sovereign default risk under different climate pathways
D	Stan Kannegieter	Investing in Biochar: addressing the nitrogen crisis and enhancing carbon sequestration in the Netherlands

Concurrent session 2: Electricity market		
Speaker		Title
A	Marten Ovaere and Mark Vergouwen	Mind the peak: the role of peak demand charges in residential flexibility in Flanders
B	Reyer Gerlagh	A rising storm in the 2024 NL power balancing market
C	Arjen Veenstra, Michaela Kesina and Machiel Mulder	Developments of price elasticities in day-ahead electricity markets: insights from bidding data
D	Clarisse Dupont, Olga Kuryatnikova, Yashar Ghiassi-Farrokhfal and Derek Bunn	The unintended carbon impacts of electricity storage and demand management

Concurrent session 3: Panel session “Beleid voor huishoudens in de energietransitie” (in Dutch)		
Chairs: Peter Mulder and Vincent Schippers		
Panel members: tba		

Concurrent session 4: Distributional effects		
Speaker		Title
A	Emma Schell, H. Vrijburg and M. Collewet	The redistributive effects of carbon mitigation policies in the Netherlands – who bears the burden of our energy transition?
B	Anika Batenburg, Hettie Boonman, Francesco Dalla Longa, Berend Hopman, Peter Mulder and Mauricio Rodriguez	Beyond energy poverty: the distribution of vulnerability to high energy prices across heterogeneous households in the Netherlands
C	Carlotta Masciandaro, Elisenda Jove-Llopis and Machiel Mulder	Energy poverty persistence: a cross-country analysis with a focus on gender
D	Casper Tigchelaar, Kim Fernandez, Esther Mot, Peter Mulder, Nghia Phan, Vincent Schippers and Arjan Zwamborn	Unequal income effects of home insulation and heat pump adoption across heterogeneous households: a microsimulation analysis for the Netherlands

Concurrent session 5: Climate Policy		
Speaker		Title
A	Inge van den Bijgaart, Francesco Dalla Longa and Mauricio Rodriguez	Firm heterogeneity and technology adoption in the green transition
B	Klaar Mulier, Marten Ovaere and Leo Stimpfle	Emissions trading and overlapping environmental support: installation-level evidence from the EU ETS
C	Edwin Woerdman, Johannes Bollen, Jos Cozijnsen and Machiel Mulder	Fossil subsidies under the EU Emission Trading System: what happens if one EU member state abolishes those subsidies?
D	Rik Rozendaal and Sjak Smulders	Carbon dioxide removal and directed technical change

Concurrent session 6: Climate, energy and operations		
Speaker		Title
A	Sumit Agarwal, Pulak Ghosh, Francesco Scarazzata and Sofie Walzl	The association between adverse temperature shocks and schooling outcomes in India: impact quantification and mitigation potentials
B	Jasper Bakker, J.A. Lopez Alvarez, J. Veldman and P. Buijs	Strategic fleet replacement for the electrification of heavy-duty road freight transportation
C	Stephan Meisel	The role of uncertainty in operational decision making for energy storage applications
D	Lukas Krol	Enabling carbon-neutral airports through strategic capacity investments

Concurrent session 7: Industry and labour market		
Speaker		Title
A	Daniele Gasparini, Jessie Bakens, Nico Pestel and Peter Mulder	How green are jobs for the energy transition?
B	Roeland van Gilst	Decarbonization strategies for hard-to-abate industries in the Netherlands
C	Roy Peijen Diane Confurius, Joost van Genabeek and Peter Mulder	A skills-based approach to mitigating unemployment risks from the energy transition: the case of fossil fuel-intensive regions in the Netherlands

Concurrent session 8: Regional analysis		
Speaker		Title
A	Xiyang Zhang, Paul Buijs, Anna Dreischerf and Ward Rauws	Information overload or policy support analysis: exploring data analysis capabilities of local authorities in urban logistics planning
B	Sacha den Nijs and Mark Thissen	Enhancing regional resilience for energy price shocks: efficient gas use and upstream decarbonization
C	H.J. Boonman, P. Mulder and R. Sterkenburg	Expected impact of wind turbines on housing prices in the Netherlands: a spatial analysis for 2020-2030

Concurrent session 9: Consumer behaviour		
Speaker		Title
A	Floris van Montfoort, Peter Dijkstra, Machiel Mulder and Dávid Kopányi	Reducing peak load in electricity grids: a field experiment on EV charging and alternative grid tariffs
B	Theresa Liegl and Merla Kubli	From consumers' attitudes to renewable energy adoption – towards a modelling framework of the attitude-behaviour gap
C	Edric Tromp	Quantification of country-level hourly demand response by determination of self and cross-price elasticities of demand