



2025 Energy and Climate Economics and Business days Faculty of Economics and Business, **Duisenberg Building, Groningen** 25 & 26 March 2025

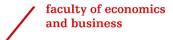
PROGRAM (version 21Feb25)

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 N	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

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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

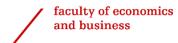
- Academic keynote by prof. Asgeir Tomasgard, professor of operations research at the Department of Industrial Economics and Technology Management of the Norwegian University of Science and Technology, Norway
- Discussant: tba
- Plenary discussion
- Chairs: Prof. Evrim Ursavas and dr. Arpan Rijal

Closing session

Closing by

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





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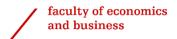
Program concurrent sessions

Cor	Concurrent session 1: Climate Finance		
Spe	aker	Title	
A	Dirk Broeders, Daniel Dimitov and Niek Verhoeven	Climate-linked bonds	
В	Franceso Jacopo Pintus and Jan Jacobs	Fiscal impacts of climate anomalies	
С	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	

Con	Concurrent session 2: Electricity market		
Spea	aker	Title	
A	Marten Ovaere and Mark Vergouwen	Mind the peak: the role of peak demand charges in residential flexibility in Flanders	
В	Reyer Gerlagh	A rising storm in the 2024 NL power balancing market	
С	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		





Con	Concurrent session 4: Distributional effects	
Spea	aker	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?
В	Anika Batenburg, Hettie Boonman, Francesco Dalla Longa, Berend Hopman, Peter Mulder and Mauricio Rodriquez	Beyond energy poverty: the distribution of vulnerability to high energy prices across heterogenous households in the Netherlands
С	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 heterogenous households: a microsimulation analysis for the Netherlands

Con	Concurrent session 5: Climate Policy		
Speaker		Title	
A	Inge van den Bijgaart, Francesco Dalla Longa and Mauricio	Firm heterogeneity and technology adoption in the green transition	
	Rodriguez	the green transition	
В	Klaar Mulier, Marten Ovaere and Leo Stimpfle	Emissions trading and overlapping environmental support: installation-level evidence from the EU ETS	
С	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	

Con	Concurrent session 6: Climate, energy and operations		
Speaker		Title	
A	Sumit Agarwal, Pulak Ghosh,	The association between adverse temperature	
	Francesco Scarazzata and Sofie	shocks and schooling outcomes in India:	
	Waltl	impact quantification and mitigation potentials	
В	Jasper Bakker, J.A. Lopez Alvarez,	Strategic fleet replacement for the	
	J. Veldman and P. Buijs	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	

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

Con	Concurrent session 8: Regional analysis		
Spea	aker	Title	
Α	Xiying Zhang, Paul Buijs, Anna	Information overload or policy support	
	Dreischerf and Ward Rauws	analysis: exploring data analysis capabilities of	
		local authorities in urban logistics planning	
В	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.	Expected impact of wind turbines on housing	
	Sterkenburg	prices in the Netherlands: a spatial analysis for	
		2020-2030	

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

