

## Programme

**Tuesday 15<sup>th</sup> September 2020, 10:00 – 11:30**

Session 1 – Decarbonisation pathways for European member States and Region

ONLINE SESSION	DECARBONISATION PATHWAYS FOR EUROPEAN MEMBER STATES AND REGIONS 10:00 – 11:30 MODERATOR: ADRIAAN SLOB	
	SPEAKERS: FRANCESCO FUSO NERINI, NEIL STRACHAN, ZOI VRONTISI, ANDRIES GRYFFROY, MARIA VAN DER HOEVEN	
	TIME	TOPIC
	10:00 – 10:10	Welcome and introductions <i>Adriaan Slob, TNO</i>
	10:10 – 10:45	<b>Part 1 – The challenges of decarbonisation</b>
		The challenges of decarbonising European regions and cities and DEEDS Policy Briefs <i>Francesco Fuso Nerini, KTH</i>
		The impact of climate change on regions: an assessment of the European Green Deal <i>Andries Gryffroy, MP Belgium</i>
		Panel discussion and Q&A <i>Andries Gryffroy, Maria van der Hoeven, Neil Strachan, Zoi Vrontisi, Francesco Fuso Nerini</i>
	10:45 – 11:30	<b>Part 2 – Research and Innovation Policies</b>
		Optimal investments in R&I for a climate neutral Europe in 2050 <i>Zoi Vrontisi, E3 Modelling</i>
	Research and Innovation for the European Green Deal: the recommendations of the High- Level Panel of the European Decarbonisation Pathways Initiative <i>Maria van der Hoeven, HLP Member of EDPI</i>	
	Panel discussion and Q&A <i>Andries Gryffroy, Maria van der Hoeven, Neil Strachan, Zoi Vrontisi, Francesco Fuso Nerini</i>	

## Speakers and Presenters: Decarbonisation pathways for European member States and Regions



### **Adriaan Slob, Senior Scientist, TNO**

Adriaan Slob is working as Senior Scientist at TNO Strategic Analysis and Policy. His work deals with governance related to sustainability, energy and water. This requires a system perspective, in which many actors play a role. Governance of these systems meet many challenges especially with regard to stakeholder involvement and integration of the social, economic and ecologic perspective. He is skilled in consensus building processes and acts as moderator of workshops. His studies concern the role of knowledge and learning in policy processes, knowledge co-creation with stakeholders and the design of participative processes. He is member of the Scientific Board of the Netherlands Energy Research Alliance and is also Visiting Associate Professor at Erasmus University in The Netherlands.



### **Francesco Fuso Nerini, Associate Professor of Energy Systems Analysis, Royal Institute of Technology Stockholm**

Francesco Fuso Nerini works as Associate Professor at the division of Energy Systems at KTH-Royal Institute of Technology in Sweden. His focus is on addressing multi-disciplinary sustainable development related issues – including the analysis of energy and decarbonisation choices at the city, national and international scales. Before joining the division, Francesco worked and/or studied in 13 institutions located in 9 different countries, spanning from academia to national and international organizations. Francesco has post-doctoral experience from the UCL-Energy Institute at University College London and from the World Energy Outlook team at the International Energy Agency. Francesco also worked at the Italian National Agency for New Technologies, Energy and the Environment and as guest researcher both in Australia (Melbourne Energy Institute of Melbourne University) and Brazil (Federal University of Pará). Also, he is a research fellow at the Payne Institute for Public Policy at Colorado School of Mines in the US. Francesco holds a PhD in Energy and Environmental Systems Analysis from KTH, and 3 MSc degrees in Environmental

and Sustainable Energy Engineering (from Politecnico Di Milano, Italy; UPC, Spain; and KTH, Sweden).



**Neil Strachan, Professor in Energy Economics and Modelling,  
University College London**

Professor Neil Strachan is an interdisciplinary energy economist. He is the Director of the University College London UCL Energy Institute ([www.ucl.ac.uk/bartlett/energy](http://www.ucl.ac.uk/bartlett/energy)), where he is Professor of Energy Economics and Modelling. He received his PhD in Engineering and Public Policy from Carnegie Mellon University in 2000. At the UCL Energy Institute, Neil's research interests revolve around energy-environment-economic modelling, the quantification of scenarios and transitions pathways, and interdisciplinary issues in energy economics and policy. Over the last 10 years he has been principal or co-investigator on research projects worth £15 million. This included as principal investigator of the Whole Systems Energy Modelling Consortium (wholeSEM), the UK's ground breaking multi-institution initiative to develop, integrate and apply state-of-the-art energy models ([www.wholesem.ac.uk](http://www.wholesem.ac.uk)). He is the author of over 60 peer reviewed journal papers, and over 100 book chapters and technical reports.

He has led a decadal collaboration applying energy systems models to underpin UK Governmental energy policy analysis. He was a lead author of the Energy Systems chapter of the IPCC's 5th Assessment Report. He is a non-executive director of the Energy Systems Catapult (<https://es.catapult.org.uk>).



**Zoi Vrontisi, Senior Researcher & Project Manager Climate  
Policy, E3 Modelling**

Zoi Vrontisi has more than 10 years of professional and academic experience in energy and climate policy assessment. She contributes as a senior researcher and project manager for several EU funded research projects focusing on the interlinkages between sustainable development and climate policy, the socioeconomic assessment of climate impacts and the formulation of sustainable energy policies. She has a strong know-

how in quantitative assessments with the application of sophisticated modelling tools, in particular with the large-scale, hybrid CGE model GEM-E3. In addition to her experience in E3-Modelling, she has worked for the European Commission (JRC), the Greek Ministry of Development, research institutes (E3MLab, NTUA) and the private sector. She is currently a member of the Board of Directors of the Independent Power Transmission Operator of Greece and the Chairwoman of the National Center for the Environment and Sustainable Development of Greece.



**Maria van der Hoeven, Former Executive Director of the International Energy Agency (IEA) Senior Fellow at het Clingendael International Energy Programme Member of the Boards of Total, Innogy and Rocky Mountain Institute**

Maria van der Hoeven is the former executive director of the International Energy Agency (IEA). As Executive Director, she steered the agency during a period of exceptional change in the global energy economy. One of her overarching priorities was implementing a new Global Engagement Strategy to bring in institutionally the major emerging energy players of the 21st century. Another was expanding modern energy services to the 1.3 billion people worldwide who currently lack them. In recognition of the IEA's efforts to address the crisis of energy poverty, Maria van der Hoeven served on the Advisory Board to the UN Sustainable Energy for All initiative. Since 2020 she is member of the Board of COVRA and she was until 2019 member of the Board of Innogy. Since 2015 she has been a Senior Fellow at the Clingendael International Energy Programme. She is a member of the Global Commission on the Economy and Climate and of the Global Commission on the Geopolitics of Energy Transformation. Previously, Maria van der Hoeven served as Minister of Economic Affairs of the Netherlands from 2007 to 2010, during which time she demonstrated leadership on energy policy at the national, regional and global levels. Prior to becoming Minister of Economic Affairs, Maria van der Hoeven was Minister of Education, Culture and Science from 2002 to 2007.



## **Andries Gryffroy, Vice-chairman of the Flemish Parliament**

Andries Gryffroy is the vice-chairman of the Flemish Parliament. From 2008 to 2011 he was treasurer and from 2011 to 2014 general secretary of his party, the N-VA. In October 2012 he became party leader in the East Flemish Provincial Council, which he remained until 2014 when he was elected member of the Flemish Parliament. From 2012 until 2014 Gryffroy was appointed chairman of the board of directors of the Flemish Energy Company. Andries Gryffroy has devoted himself to issues such as energy, climate, entrepreneurship and innovation, research and development and policy on inter-municipal cooperation.