

## Contributors

**Liv Malin Andreasson** is an expert on the legal framework for green hydrogen production in the North Sea and has published comprehensively on that topic. She is currently pursuing a PhD in Energy Law at the Groningen Centre of Energy Law and Sustainability. In her current research, she focuses on the legal aspects of large-scale offshore wind energy development and the deployment of new energy storage and transport alternatives in the North Sea. This research is funded by NWO under the PhD@Sea Programme (Developing Offshore Storage and Transport Alternatives (DOSTA)).

**Mehrnoosh Aryanpour**, an energy and regulatory attorney, has held significant positions in major law firms in the USA and established the first international law firm branches in Afghanistan in 2010 and Iran in 2017, following the Joint Comprehensive Plan of Action (JCPOA). She is pursuing an SJD (doctorate in law) at the University of Pennsylvania's Carey Law School, focusing on the impact of US economic sanctions on global climate change efforts. She received the Jacobson Global Venture Awards for founding Project Green Swan, which aims to facilitate energy transitions in fragile states through a dynamic platform focused on engineering, procurement, construction, and financing solutions, with an initial focus on methane flaring reduction. Aryanpour holds an LLB from the University of Tehran and an LLM from Georgetown University. Her academic achievements include securing first place in Iran's National Entrance Exam of over 500,000 students and receiving the Presidential Award as the top humanities student, as well as winning numerous Olympiads in Iran.

**Donna M. Attanasio** is Director of the Energy Law Program at George Washington University Law School (GW Law), a professorial lecturer in law and head of the Law School's Sustainable Energy Initiative. Attanasio's thirty-five years of experience in the energy sector include over twenty-four years as a lawyer in private practice. Prior to joining GW Law in 2013, she was a partner at White & Case LLP. Her primary areas of research, writing and teaching concern the electric utility industry and its transition to a sustainable fuel mix, with an emphasis on consumer protection and issues related to the deployment of microgrids, electric vehicles and other emerging technologies. She is a former president of the Energy Bar Association and fellow of the National Regulatory Research Institute. Attanasio received her JD from Harvard Law School and an AB in Economics from Smith College.

**Meghan Briggs** is a recent graduate of the George Washington University Law School. As a JD student, she focused her research and advocacy work on clean energy and environmental justice,

completing an internship at the US Federal Energy Regulatory Commission and engaging in regulatory advocacy as a member of the Jacob Burns Environmental Justice Community Legal Clinic. Prior to law school, Briggs received a Fulbright grant to teach English in Belgium and earned an MS in European Politics and Policies from the University of Leuven.

**Maaïke Broersma** is a business developer at Gasunie in Groningen, the Netherlands. She studied international relations and international organisations as well as American studies at the University of Groningen (RuG), the Netherlands. Broersma started her career at Gasunie in contract management for several of Gasunie's subsidiaries. She has multiple years of experience in the development of hydrogen infrastructure projects, with a focus on the development of the Gasunie onshore hydrogen infrastructure in the past few years.

**Jennifer Campion** is a lecturer and member of the Centre for Environmental, Resources and Energy Law at the University of Waikato, Hamilton, New Zealand. Campion's research interests are in energy and natural resources law, environmental law and property law, and she has recently authored publications on climate change mitigation and energy justice.

**Endrius Coccio** is Associate Professor of Administrative and Energy Law at Universitat Rovira i Virgili (URV), Tarragona, Spain. He is the Academic Director of the Interuniversity Master of Law of Public Administration, URV – Universidad de Zaragoza. Coccio is a researcher at the Tarragona Centre for Environmental Law Studies (CEDAT) and the University Institute for Research in Sustainability, Climate Change and Energy Transition (IU-Rescat). He also co-chaired the Research Committee at the International Union for Conservation of Nature – Academy of Environmental Law (IUCN-AEL) and currently a member of the Managing Board of the European Environmental Law Forum (EELF). He is currently the coordinator of a Horizon MSCA Doctoral Network project on hydrogen regulation and the PI of a project of the Spanish Ministry of Innovation on Energy Communities.

**Piti Eiamchamroonlarp** is Director of the LLM in Business Law (International Program) at Chulalongkorn University (Thailand) and also a special lecturer at Thammasat University (Thailand). Eiamchamroonlarp has served as a member of the Education Advisory Board of the Association of International Petroleum Negotiators (AIPN). He has been appointed a member of the sub-committee on energy businesses laws examination and development (Energy Regulatory Commission) and an arbitrator of Thailand Arbitration Center (THAC) for energy and investment disputes. His current research project explores potential roles of the Department of Energy Business of Thailand in promoting and regulating utilisation of green and low-carbon hydrogen in the transport sector in Thailand.

**Ruven Fleming** is Assistant Professor of Energy Law at the University of Groningen and works as Legal Project Manager on hydrogen projects at the German Fuel Institute (DBI), TU Freiberg, Germany. His research interest is energy law, with a particular focus on hydrogen, 'unconventional' forms of energy production, renewable energy and energy investment and trade law. He has published widely on hydrogen regulation in various publishing outlets. He may be contacted in English, Russian, German or Dutch.

**Howard James Foy** is an international energy lawyer with a background in international arbitration. He holds a law degree (Abogado) from the Universidad Torcuato Di Tella, where he graduated with honours, and an LLM in Energy and Climate Law from the University of Groningen. Foy currently serves as counsel at Óptima Energía in Argentina, where he focuses on the legal project management of large-scale renewable energy solutions. Prior to his current

position, he represented sovereign states and state-owned entities before the International Centre for Settlement of Investment Disputes (ICSID), the Permanent Court of Arbitration (PCA), and the International Criminal Court (ICC) on numerous high-profile investment and commercial arbitration cases. His areas of interest include the hydrogen economy, renewable energies and international energy disputes and contracts. Foy is currently pursuing a second LLM in International Commercial Law, also at the University of Groningen.

**Leigh Hancher** graduated from the University of Glasgow and obtained her PhD at the University of Leiden. She is Professor of European Law at the University of Tilburg, Professor of EU Energy Law at the Florence School of Regulation – at the European University Institute, Florence and Professor of Energy Markets Law at the University of Bergen.

**Marijn Holwerda** is an in-house counsel at Gasunie in Groningen, the Netherlands. He currently advises on several Gasunie hydrogen projects related to onshore hydrogen transport. Holwerda is a guest lecturer at both the University of Groningen (RUG) and the Vrije Universiteit Amsterdam (VU), Netherlands, a fellow of the Groningen Centre of Energy Law and Sustainability and a member of the board of advisors for the VU International Business Law Master on Climate Change and Corporations.

**Kaisa Huhta** is an associate professor of European law, especially energy law, at the University of Eastern Finland (UEF) Law School and the Centre for Climate Change, Energy and Environmental Law, a part-time professor at the European University Institute's Florence School of Regulation and an expert member of the Finnish Market Court.

**Philipp Jäger** is an in-house counsel at Gasunie in Groningen, the Netherlands. He is a German-qualified lawyer with more than fifteen years' experience in the natural gas sector in the Netherlands. Jäger currently advises on several Gasunie hydrogen projects in the Netherlands and Germany, such as hydrogen underground storage near Groningen and offshore hydrogen infrastructure. He is also serving as guest lecturer at the University of Groningen, Netherlands.

**Cathérine Jansen** is a qualified lawyer at NOW GmbH, a federally owned company in Berlin, Germany, tasked with implementing climate-neutral mobility strategies on behalf of the federal government. She was previously an associate lawyer at the law firm Freshfields Bruckhaus Deringer, where she worked for five years. In 2023 she successfully completed the LLM programme Energy and Climate Law at the University of Groningen, where she focused her research on Germany's hydrogen infrastructure. She attended law school at the University of Bremen and undertook her legal traineeship at the German Higher Regional Courts of Oldenburg and Berlin.

**Pim Jansen** is Full Professor of Economic Administrative Law at the Erasmus University Rotterdam and a senior associate lawyer at Van Doorne, both in the Netherlands. Before joining the Erasmus School of Law he worked as a senior associate lawyer at De Brauw Blackstone Westbroek. Subsequently he pursued a PhD at the Consumer, Competition & Market Institute at KU Leuven.

**Romain Mauger** is head of the Legal Research Unit at the Iberian Centre for Research in Energy Storage (CIIAE), located in Cáceres, Spain. A former assistant professor of Energy Law at the Groningen Centre of Energy Law and Sustainability (GCELS) – University of Groningen, Netherlands, he has over ten years of experience in the energy sector. Mauger's research tackles energy law for the transition to renewable energy sources in a broad sense,

encompassing technology-related aspects to issues of energy democracy and fairness. Among other aspects, his research covers the new regulation of hydrogen produced from renewable energy sources in the EU and related issues of justice in and with Global South countries (especially Africa and South America).

**Machiel Mulder** is Professor of Energy Economics at the University of Groningen and head of the Centre for Energy Business and Economics Research. His research and teaching are directed at the economic analysis of energy markets and energy policy. Previously he was, among others, Chief Economic Adviser to the Dutch energy regulator (ACM) and head of the Energy Department of the Netherlands Bureau for Economic Policy Analysis (CPB). He has published numerous articles on the economics of energy markets and he is also author of the textbook *Regulation of Energy Markets*, which is published by Springer.

**Ceciel Nieuwenhout** works as an assistant professor at the Groningen Centre for Energy Law and Sustainability. She specialises in the regulation of the energy sector. Current research projects include the legal framework for ‘Positive Energy Districts’ (including the integration of supply, demand, storage and mobility within a district); as well as the regulation of an (offshore) HVDC electricity grid, a subject on which she also wrote her PhD dissertation. Alongside her work for academia, Nieuwenhout is an elected representative for the city council of Groningen (for ‘GroenLinks’).

**Damilola S. Olawuyi** is a professor of law and holder of the UNESCO Chair in Environmental Law and Sustainable Development at Hamad Bin Khalifa University (HBKU) College of Law, Doha, Qatar. He is also Chancellor’s Fellow and Director of the Institute for Oil, Gas, Energy, Environment and Sustainable Development (OGEES Institute), Afe Babalola University, Ado Ekiti, Nigeria. He is an independent expert of the Working Group on Extractive Industries, Environment, and Human Rights Violations in Africa, formed by the African Commission on Human and Peoples’ Rights.

**Leonie Reins** is Professor of Public Law and Sustainability at the Erasmus University Rotterdam in the Netherlands. Prior to that, she was an assistant professor at Tilburg University and a post-doctoral research fellow at KU Leuven, Belgium, where she also obtained her PhD. Her doctoral thesis dealt with the issue of the coherent regulation of energy and the environment in the EU. In addition, she has worked for Milieu Ltd, a Brussels-based environmental law consultancy.

**Markus Sairanen** is a doctoral researcher at the University of Eastern Finland’s Centre for Climate Change, Energy and Environmental Law. His doctoral research focuses on the interaction between EU law and EU policies for accelerating the energy transition. He holds an LLM in Environmental and Climate Change Law and a BA in History from the University of Eastern Finland. Outside academia, he has advised companies in the energy sector on cross-border projects and transactions.

**Stan Schouten** holds an LLB in Global Law and an LLM in Energy and Climate Law. His contribution to this book was part of his student assistant job during his LLM. His research is dedicated to critically analysing the sustainability of energy and climate law and policy, reflecting his commitment to advancing environmental justice and legal frameworks.

**Lorenzo Squintani** is Professor of Energy Law at the University of Groningen, Netherlands, and director of the Wubbo Ockels School for Energy and Climate. He is also founder and member of the managing board of the Like!Me Living Lab, which studies how to improve the

effectiveness of public participation practices in the field of energy and environmental matters. Squintani is also founder and member of the managing boards of the European Environmental Law Forum (EELF.info) and the U<sub>4</sub> Environmental Law Network. He is chief editor of the *Journal for European Environmental and Planning Law* (JEEPL) and series editor of the EELF Book Series. His research and teaching interests include EU substantive law and EU environmental, energy and climate law. Squintani has authored several publications in the areas of European environmental, energy and climate law. He regularly advises Dutch, EU and/or international institutions on (EU) environmental, energy and climate issues.

**Simina Suci** is a European lawyer specialising in energy and competition law. Her experience was gathered in private practice in Brussels and Bucharest, as well as in-house in Switzerland. She is currently leading the compliance activities of a large European company in the energy sector. She has an LLM in competition law from Queen Mary University of London and annual energy training from Florence School of Regulation.

**Madeline Taylor** is a senior lecturer at Macquarie University, Australia, deputy director of the Centre for Energy and Natural Resources Innovation and Transformation (CENRIT) at Macquarie University and honorary associate at the Sydney Environment Institute. Taylor specialises in issues at the intersection of energy and natural resources law, as well as property and commercial law. Her research advances the novel examination of transitioning energy regulation and energy policy from comparative and socio-legal perspectives, including the strategic governance of energy and the fragmentation of ownership rights, and the regulation of energy conflicts offshore and onshore. Her current research focuses on the law concerning renewable energy and hydrogen development, landholder rights and community responses, and the protection of sensitive land uses.

**Elena Tisari** is a European lawyer specialising in energy and technology law. She has an LLM in Energy and Climate Law and an LLB in International and European Law with a specialisation in technology law from the University of Groningen.

**Paola Villavicencio-Calzadilla** is a legal consultant and researcher specialising in climate change law. Her main areas of interest include climate change law, climate and energy justice, environmental law and sustainability, and rights of nature. She has authored and co-authored several academic publications on these topics and presented her work at numerous conferences in Europe, Africa, Asia and Latin America. Currently, she is a legal consultant at INSTA-Dret Ambiental, Diàleg i Sostenibilitat, associate researcher at the Tarragona Centre for Environmental Law Studies (CEDAT) of the Universitat Rovira i Virgili (Spain) and extraordinary research fellow at the Faculty of Law of the North-West University (South Africa).

**Kleopatra-Eirini Zerde** is a legal officer at the Directorate-General for Energy (DG ENER) of the European Commission. She is involved with the Renewable Energy Directive (RED) II Revision and Transposition and is responsible for dealing with citizens' infringement complaints, tenders, and contracts. Zerde is an EU-qualified lawyer with a specialisation in energy and climate law. After graduating from Athens Law School in 2017, parallel to her minor degree in Environmental Studies from the American College of Greece, she completed an LLM in Energy and Climate Law at the Groningen University in the Netherlands. Her thesis was a case study of the legal and regulatory system in France and its ability to facilitate the deployment of hydrogen and power-to-gas.

