



Net Zero by 2050

How can carbon pricing policies help us to reach the EU Green Deal's targets?

15th HEEN Workshop | 3 – 4 June 2021

The HEEN workshop at the 2021 Hertie Summit will examine how to reach the EU Green Deal' target to become climate neutral by 2050. The workshop specifically focuses on carbon pricing tools that contribute to reducing CO₂ emissions while maintaining a competitive industrial base and minimizing distributional impacts.

In the spirit of the Paris Agreement and the increasing need to decarbonize economies across the world, a growing number of jurisdictions have pledged to reach climate neutrality by the end of the century. In the EU, the European Commission recently announced the EU Green Deal, a set of policy initiatives with the overarching aim of making Europe climate neutral by 2050. For the EU to achieve its goal of net zero emissions by 2050, the bloc will have to reduce a substantial amount of greenhouse gas emissions immensely and rely on a number of key climate policy tools. Carbon pricing will continue to play an important role on the road to net zero, as the EU ETS will be revised in June 2021 to deliver on the increased climate ambition and support a green economy. New instruments are also under discussion, including Carbon Contracts for Difference (CCfDs) to hedge emission prices for pioneer projects as well as a Carbon Border Adjustment Mechanism (CBAM) to account for different levels of ambition in international trade and avoid carbon leakage. European member states are also taking national action, as Germany recently introduced the Fuel Emissions Trading Act (BEHG), establishing a national ETS that covers the building and transport sector, sectors outside of the EU ETS. The 15th HEEN Workshop will discuss these mechanisms and how they can contribute to achieving a carbon neutral Europe by 2050.

The HEEN Energy and Environment Network is a vibrant international network of young energy and climate experts originated from alumnis of the Hertie School of Governance in Berlin. The network aims at promoting a sustainable energy future based on trust, openness, and curiosity by facilitating active dialogue, knowledge exchange and professional development. Established in 2014, HEEN is affiliated with Gemeinnützige Hertie-Stiftung's "Fellows and Friends" Programme, and currently comprises over 120 members active in public, private and NGO sectors across Europe. www.heenetwork.org

The workshop format brings HEEN's membership together with relevant national and international experts from the business, government, academic, and NGO sector in a series of interactive exchanges on a dedicated topic of common interest. The 14th workshop will take place as a 1.5 hour online seminar with three focus topics, respective speakers and a fruitful discussion session. Menti, a survey tool, will help to involve participants and make the workshop interactive.

Thursday | 03.06.2021

16.00 - 16.30 Introduction to the Hertie Energy & Environment Network and the event

Moderation: Andreas Schröder, HEEN Board Member

16.30 - 17.30 Perspectives on the European Green Deal

- MinDir. Dr. Philipp Steinberg, German Federal Ministry for Economic Affairs and Energy
- MEP Damian Boeselager, Volt
- Andreas Graf, Project Manager, Agora Energiewende Brussels
- Viola Rocher, Head of EU Representation Brussels, EnBW

Moderation: Lara Schech, HEEN Board Member

17.30 - 18.30 Break

18.30 - 20.00 German Climate Policy in the context of the EU Green Deal and ETS reform

- Sarah Harden, Junge Union
- Ferike Thom, Jusos
- Patrick Haermeyer, Grüne Jugend
- Nemir Ali, Junge Liberale
- Jan Schiffer, Linksjugend Solid

Moderation: Julian Lasinger, HEEN Board Member

Friday | 04.06.2021

11.00 - 12.30 EU ETS Developments in the context of the EU's 2030 Climate Targets

- Sebastian Rilling, EU Power & Carbon Markets Analyst, ICIS
- William Acworth, Head of Secretariat, ICAP
- Juliette de Grandpré, Senior Policy Advisor, WWF

Moderation: Emma Krause, Carbon Markets Advisor, ICAP

12.30 - 13.30 Lunch Break

13.30 - 15.00 New tools in the box: How can CBAM and CCFD tackle carbon leakage?

- Christopher Kardish, Carbon Markets Advisor, ICAP
- Matthias Schimmel, Managing Consultant, Guidehouse
- Philip Nuyken, Expert for Climate and Energy Policy, The Federation of German Industries (BDI)
- Jana Nysten, Lawyer, Stiftung Umweltenergierecht

Moderation: Tim Banning, Senior Expert International Energy Policy, DENA

15.00 - 16.00 Break

16.00 - 17.30 Accelerating climate neutrality: the role of participative movements, finance and businesses

- Dr. Julian Zuber, CEO, German Zero
- Helen Tacke, Founder, CoZero
- Maya Hennerkes, Associate Director, ESG Sector Lead for Financial Intermediaries at European Bank for Reconstruction and Development

Moderation: Céline Goehlich, Project manager, 100 prozent erneuerbar stiftung

18.00 - 19.00 HEEN Network Session

Moderation: Andreas Schröder, HEEN Board Member

Thursday | 03.06.2021 | Perspectives on the European Green Deal



MinDir. Dr. Philipp Steinberg
German Federal Ministry for Economic Affairs and Energy

MinDir. Dr Philipp Steinberg has been working at the Federal Ministry for Economic Affairs and Energy for eight years. He is currently the Head of Department for Economic Policy and the Departmental Coordinator for Sustainability, after having previously served as Sub-Department Head for Political Planning. Before joining the BMWi, he worked as an advisor to the SPD party executive board and as office manager for former party leader Sigmar Gabriel. He has further held positions in the Federal Ministry of Finance and in a major law firm.

Steinberg studied law, political economy and taxation in Berlin, Münster and Paris and received his doctorate in public commercial law in 2001. In addition to the 1st and 2nd state examinations, he also holds a Licence d'Etat Français and an EMBA. He authors three books and numerous articles on economic policy and law, European policy and taxation. He is the Vice-Chairman of the Economic Policy Committee of the OECD and sits on the Board of Directors of the Federal Employment Agency, on the Board of Trustees of the Nuclear Waste Management Financing Fund Foundation and on the Administrative and Supervisory Boards of the Leibniz Economic Research Institutes.



MEP Damian Boeselager
Member of the European Parliament, Volt

Damian Boeselager is a Member of the European Parliament (MEP) since 2019 and co-founder of Volt Europa, the first pan-European party in the history of the European Union. In the European Parliament, he focuses on creating a real European parliamentary democracy, creating the framework for a competitive and innovative European economy, establishing paths for legal migration, setting up a common, fair and fast European asylum system, and ensuring that the EU

works for all via budgetary stability measures. Among other things, he is active in the Committee on Industry Research and Energy, where he focuses on the digital revolution, innovation and also pursues an interest in post-growth. Damian Boeselager holds degrees in Philosophy & Economics from University of Bayreuth and a dual-Master in Public Administration from the Hertie School of Governance and Columbia University in New York City. Prior to founding Volt he worked as consultant in management consulting.



Andreas Graf
Project Manager, Agora Energiewende Brussels

Andreas Graf is a Project Manager for EU Energy Policy and the Brussels Liaison at Agora Energiewende. He supports the work of Agora Energiewende on EU Energy Policy by helping to develop scientifically based and politically feasible recommendations for policy-makers in Brussels using lessons from the German energy transition.

Previously, Andreas Graf was a Researcher at the environmental policy think-tank Ecologic Institute in Berlin supporting research projects and dialogue processes on German and EU energy policy. He has also worked as a Blue Book Trainee in the Commission's Directorate-General for Energy and as an International Parliamentary Fellow in the German Bundestag. Andreas Graf studied political science, environmental studies, and Germanic languages & literatures in Germany, the US, Japan, and India, and holds a Master in International Relations from the Freie Universität Berlin, the Humboldt-Universität zu Berlin, and the University of Potsdam.



Viola Rocher
Head of EU Representation Brussels, EnBW

Viola Rocher is Head of the EU Representation of EnBW Energie Baden-Württemberg AG in Brussels. She follows the broad spectrum of EU policies and legislation in energy and climate, but also relevant policies i.a. in the field of environmental protection, mobility, digitalization and financial markets regulation, with a current focus on the implementation of the enhanced 2030 climate target, namely the review of the EU ETS and Renewables directive, the legislative package for the decarbonization of the gas sector as well as Sustainable Finance legislation.

Before joining EnBW in 2011, Viola Rocher worked as policy advisor on European climate, renewables, energy efficiency as well as environmental policies for the German Association of Energy and Water Industries (BDEW) in Brussels. From 2000 to 2004 she started her professional career as assistant to the Member of the European Parliament and Chairwomen of the Economic and Monetary Affairs Committee Christa Randzio-Plath in her office in the European Parliament in Brussels. Viola Rocher, a German national, studied law in Göttingen and Poitiers, followed by the 1st and 2nd State Exam in German Law, and holds a Master's Degree (D.E.A.) in European Law from the University Robert Schuman, Strasbourg.

Thursday | 03.06.2021 | German Climate Policy in the context of EU Green Deal and ETS reform



Sarah Harden
Junge Union

Sarah Harden is a geographer and has been a member of the Federal Board of the Junge Union since 2018. She is head of the Commission for Climate, Environment and Energy and all other sustainability issues. She takes care of these political fields within the Junge Union and also brings the issues to the CDU. From her point of view, Germany only has one chance to stop climate change by concentrating on new technologies and exports and by acting as a role model in the world.



Ferike Thom
Jusos

Ferike Thom is deputy spokesperson of the Jusos, the youth organization of the Socialdemocratic Party of Germany. The social-ecological transformation of the economy is one of the topics she is responsible for. The vision of a climate-friendly, sustainable agriculture and a circular economy are especially close to her heart. In her professional life, she works on her PhD in agricultural economics. Her topics are trade policies, economic development and the role of agriculture in global warming.



Patrick Haermeyer
Grüne Jugend

Patrick Haermeyer is candidate for the Bundestag [from](#) Baden-Wuerttemberg and works as an adviser for climate & energy policy in the European Parliament. He is also a city councilor in Mannheim and spokesman for climate, finance & public transport. For the past year and a half, he has been working on the European Climate Law. As a strong voice for climate justice, he now wants to contribute his expertise to push for a German 1.5° climate law.



Nemir Ali
Junge Liberale

Nemir Ali (24) is Vice President of the Young Liberals, the official youth organisation of the Free Democratic Party (FDP). As Vice President, it is his responsibility to advance the political agenda of

the Young Liberals and to develop solutions for the challenges that young people in Germany are facing. In February 2021, he completed his law degree at the University of Osnabrück. He will run as a candidate for the Bundestag in the upcoming federal elections.



Jan Schiffer
Linksjugend Solid

Jan Schiffer is 20 years old and since the end of 2020 has been one of the federal spokespersons of linksjugend ['solid], the youth association of the Left Party in Germany. He lives in Cologne, where he is studying social sciences and philosophy. He originally comes from the Rhenish lignite-mining region, the largest lignite mining area in Europe and one of the largest sources of greenhouse gases in Germany, and was politicized by the climate movement there.

Friday | 04.06.2021 | EU ETS Developments in the context of the EU's 2030 Climate Targets



Sebastian Rilling
EU Power & Carbon Markets Analyst, ICIS

Sebastian joined ICIS in September 2020 as an Analyst for EU Power & Carbon Markets, focussing on EU policy and the EU ETS. He holds a master's degree in Industrial Engineering from the Karlsruhe Institute of Technology (Germany) and an Engineering degree from the Grenoble Institute of Technology (France).



William Acworth
Head of Secretariat, International Carbon Action Partnership

William Acworth serves as the Head of the Secretariat of the International Carbon Action Partnership (ICAP), where he works closely with a network of almost 40 governments and agencies to exchange experience and know-how on the establishment and design of emissions trading systems. He leads technical work programs on topics such as the role of ETS on the road to net zero, carbon leakage and competitiveness, the incorporation of carbon pricing into the transformation of electricity supply and the expansion of emissions trading systems across multiple sectors. He also designs and implements capacity building programs for ICAP in regions such as Latin America, Asia, and Africa. The European Court of Auditors has invited him as an expert on

climate policy, and he has advised several international projects on carbon pricing as an advisory board member.

William has over ten years of climate and energy policy experience. His professional stations include public institutions as well as private and scientific institutions. He has extensive knowledge of quantitative economics, the application of microeconomic concepts and the application and interpretation of macroeconomic models. He has developed tailor-made economic models and policy indicators for various clients. He also has experience in policy evaluation, cost-benefit analysis and the development of organizational strategies for clients from the public sector.



Juliette de Grandpré
Senior Policy Advisor, WWF

Since May 2007, Juliette de Grandpré has worked on WWF Germany's Climate Team, where she is a Senior Policy Advisor Policyon European climate policy, with a focus on emissions trading, and carbon markets. Prior to WWF, Juliette worked at Oekom Research (Munich) and Vigeo (Paris), both rating agencies for ESG (Environmental, Social & Governance) investment, which rates companies according to social and environmental criteria.

Juliette holds a Bachelor in Political Science and a Master in Public European Law from the Institute for European Studies.

Friday | 04.06.2021 | New tools in the box: How can CBAM and CCFD tackle carbon leakage?



Christopher Kardish
Carbon Markets Advisor, International Carbon Action Partnership

Christopher Kardish is a Carbon Markets Advisor at adelphi and the International Carbon Action Partnership (ICAP), an intergovernmental forum on emissions trading systems (ETSs). He specializes in the design of ETSs through ICAP's Technical Dialogue workstream, which produces research on aspects of ETS design and convenes member jurisdictions for exchanges on these issues. His main technical area of focus is carbon leakage and economic competitiveness, including free allocation, alternatives to free allocation (e.g. border carbon adjustments), and industrial decarbonization.

He is a co-author of ICAP's 2020 report "Carbon Leakage and Deep Decarbonization: Future-proofing Carbon Leakage Protection." Through adelphi, he has also supported the European Commission and the German Federal Environment Ministry (BMU) on analysis of carbon leakage protections and alternatives to free allocation.



Matthias Schimmel
Managing Consultant, Guidehouse

Matthias Schimmel is a Managing Consultant at Guidehouse and an expert on decarbonization strategies, including the development of decarbonization roadmaps for energy-intensive industries and designing smart policies to facilitate carbon neutrality. He currently supports the German Ministry for Economic Affairs and Energy in assessing transformation pathways for key industry sectors. Other key engagements focus on the role of renewable fuels, in particular hydrogen, and breakthrough technologies to enable substantial CO₂-reduction across sectors.

Matthias studied industrial engineering in Munich with majors in environmental management and biotechnology and completed a master's degree in environmental sustainability with a focus on energy policy and politics at the University of Edinburgh.



Philip Nuyken
Expert for Climate and Energy Policy, The Federation of German Industries (BDI)

As Manager in Energy and Climate Policy at the Federation of German Industries, Philip Nuyken works on national and international climate policies. From Green Deal over Energy Tax Directive to national climate policy instruments, Philip is a specialist in CO₂ pricing systems for industry and private consumers with a focus on the German national trading system.



Jana Nysten
Lawyer, Stiftung Umweltenergierecht

Jana Nysten has joined the Stiftung Umweltenergierecht in 2019. She is specialized in European Environmental Energy Law and focuses on the finalization of the internal market for electricity and the implementation of the European Energy Union. She is involved in several projects in particular regarding questions relating to European and Energy law in the process of the transition to renewable energy and their integration into the European electricity market.

Jana Nysten has been working as attorney at the law firm Becker Büttner Held in Brussels and Berlin previously (2011-2018) where she was working on similar topics. She has studied Dutch and European Law in Maastricht, Netherlands, (2005-2010) and international and corporate law at PennState University, Pennsylvania, USA (2009-2010). There she worked as research assistant at Dickinson School of Law. Upon completion of her studies, she took the Bar Exam in New York, USA (2010) and moreover acquired the admission to practice law as attorney in Belgium.

Friday | 04.06.2021 | Accelerating climate neutrality: the role of participative movements, finance and businesses



Dr. Julian Zuber
CEO, German Zero

Julian is an experienced strategy and public sector consultant. Previously, he co-founded a thinktank that was named one of the top 10 thinktanks worldwide. Julian holds degrees in philosophy, economics, politics and economic and social history from Bayreuth and Oxford University as well as the Hertie School of Governance. He has been named one of the top 40 under 40 leaders in Germany.



Maya Hennerkes
**Associate Director, ESG Sector Lead for Financial Intermediaries,
European Bank for Reconstruction and Development**

Maya Hennerkes leads the ESG work of the European Bank for Reconstruction and Development (EBRD) with financial institutions and private equity funds. She promotes the integration of environmental and social risks and opportunities including climate change in investment decisions and investment management. Maya designs and supervises environmental and social risk management and safeguard frameworks for a portfolio of over EUR 4bn new approvals per year. She also runs EBRD's ESG training programme for financial institutions and private equity funds.

Maya is a sustainable finance expert with over 15 years of experience, with previous positions at the Inter-American Development Bank Group in Washington DC and Bloomberg L.P. in London. She is a member of the Club of Rome's Think Tank 30 and serves on the Advisory Board of SustainableFinance.Live.

Maya studied economics, political science and Latin America studies in Germany and Spain and holds an Executive Masters in Public Management from the Hertie School of Governance in Berlin, Germany.



Helen Tacke
Founder, CoZero

Helen Tacke comes directly from the Berlin startup ecosystem. After several years at btov Partners, an early-stage venture capital fund, where she was part of the digital tech team supporting about 20 portfolio companies from pre-seed to Series C+, she is now dedicated entirely to sustainability and CO2-management. Helen is working on the future of digital and data-driven sustainability

management for companies with her ClimateTech startup Cozero. The software solution supports organizations on their sustainability transformation and enables companies to track, forecast and manage their carbon footprints and match them to the most effective decarbonization solutions on the market.