

Energy, Resources and Climate Change Unit

Activities Report 2021

Overview

In 2021, the CEPS Energy, Resources and Climate Change (ERCC) unit has been actively involved in the development of new research streams, the issuing of 11 reports and publications, and the organisation of 20 events on policy topics ranging from the EU Green Deal, circular economy, and technologies for net-zero emissions, to climate-neutrality in heavy industries, EU recovery and energy security.

A flagship initiative in 2021 has been the Task Force “The New Industrial Strategy for Europe - Towards a resilient and sustainable post-pandemic recovery”, which supported the work of EU institutions in the development of an industrial strategy fit for a brighter future. The ERCC unit was responsible for the “European Green Deal” workstream, organizing 3 working group meetings with key stakeholders and participants from industries, academia, NGOs and policymakers, including several European Commission representatives from a variety of Directorate Generals. The output was released on July 2021 as the “European Green Deal - Towards a Resilient and Sustainable Post-Pandemic Recovery” report.

The main activities in 2021 are listed below.

Events

Webinars, workshops, conferences

24 November 2021, **Chemical recycling: what is the state of play globally?**

9-10 November 2021, **Climate-neutral steelmaking in Europe – technology, financing and policy conditions** (together with the GRID Unit)

27 October 2021, **India-EU track 1.5 – Climate Ambition and Action** (*co-organised with ORF*)

22 October 2021, **Assessing the Effectiveness of Carbon Border Adjustment Mechanisms**

30 September 2021, **Carbon capture and storage in hard-to-abate sectors**

23 - 23 September 2021, **Closing the loop: Circular Economy Business Models in the Electronics and Agri-food sectors**

23 July 2021, **Is the Fit for 55 package really fit for purpose?**

7 July 2021, **Chemical recycling: what role for the EU’s circularity and decarbonisation objectives?**

29 June 2021, **What policy framework to scale up negative emissions by 2030**



10 June 2021, **Traceability across circular value chains: How to unlock its potential and mitigate challenges?**

5 May 2021 - **Exploring Ukraine's long-term energy security on the path towards decarbonization**

18 March 2021 - **How to measure the climate and circularity impact of the recovery plans?**

12 March 2021 - **EU-Japan dialogue: Circular and climate neutral global value chains**

26 February 2021 - **EU-Japan dialogue: Greening the economy through Covid-19 recovery policies**

25 February 2021 - **A "climate-neutral continent" beyond the EU – A conversation with Ukraine, Turkey and Russia**

Meetings Upon Invitation and Members Only

8 December 2021, **Developing a sustainable electronics value chain – what policies and challenges lie ahead?** (*members-only event*)

25 October 2021, **CEPS Expert Briefing: A closer look at the EUCO meeting** (*members-only event*)

IDEAS Lab 2021

1 June 2021, **Low-carbon economy: Green and also free?**

1 June 2021, **Climate diplomacy: is Europe still in the game?**

1 June 2021, **CEPS Ideas Lab, ETS, carbon targets or circular economy** (*members-only event*)

Publications

Task Force Reports

5 July 2021, **European Green Deal - Towards a Resilient and Sustainable Post-Pandemic Recovery**, Working Group Report of the New Industrial Strategy for Europe Task Force.

- Authors: *Milan Elkerbout, Vasileios Rizos, Christian Egenhofer, Julie Bryhn*
- Downloads: 4731 (*as of 20 December 2021*)

Publications & Reports

3 December 2021, **Is renewable hydrogen a silver bullet for decarbonisation? A critical analysis of hydrogen pathways in the EU** (*project report*)

- Authors: *Mihnea Catuti, Edoardo Righetti, Christian Egenhofer, Irina Kustova*
- Downloads: 2159 (*as of 20 December 2021*)

28 October 2021, **COP26 in Glasgow. Don't give up on Paris – the climate ambition ratchet may be working** (*commentary*)

- Author: *Milan Elkerbout*
- Views: 822 (*as of 20 December 2021*)

6 October 2021, **Is EU Joint Gas Purchasing really a bad idea?** (*commentary*)

- Authors: *Christian Egenhofer, Irina Kustova*
- Views: 1511 (*as of 20 December 2021*)

4 October 2021, **Barriers and enablers for implementing circular economy business models** - Evidence from the electrical and electronic equipment and agri-food value chains.

- Authors: *Vasileios Rizos, Julie Bryhn, Monica Alessi, Edoardo Righetti, Noriko Fujiwara, Cristian Stroia*
- Downloads: 7118 (*as of 20 December 2021*)

29 September 2021, **A tale of two prices - What higher energy costs and the ETS price mean for a just transition**

- Author: *Milan Elkerbout*
- Downloads: 6988 (*as of 20 December 2021*)

16 September 2021, **Setting the context for an EU policy framework for negative emissions** - Scoping paper

- Authors: *Milan Elkerbout, Julie Bryhn*
- Downloads: 4511 (*as of 20 December 2021*)

12 July 2021, **Fit for 55 – is the European Green Deal really leaving no-one behind?** (*commentary*)

- Authors: *Milan Elkerbout, Christian Egenhofer*
- Views: 6057 (*as of 20 December 2021*)

7 May 2021, **Study on Circular Economy developments in the GCC region and opportunities for collaboration with the European Union**

- Authors: *Noriko Fujiwara, Vasileios Rizos, Jorge Núñez Ferrer*
- Downloads: 3984 (*as of 20 December 2021*)

6 April 2021, **From coal to low carbon - Coal region development opportunities under EU Recovery programmes**

- Authors: *Irina Kustova, Christian Egenhofer, Jorge Núñez Ferrer, Julian Popov*
- Downloads: 2831 (*as of 20 December 2021*)

4 March 2021 - **Technical assistance on assessing the effectiveness of the implementation of the definition of small and medium-sized enterprises for the purposes of Article 8(4) of the Energy Efficiency Directive**

- Authors: *Willem Pieter De Groen, Christian Egenhofer, Roberto Musmeci, Irina Kustova, Jaap Jansen, Piet Boonekamp, Beatriz Pozo, Inna Oliinyk, Damir Gojsic*
- Downloads: 2954 (*as of 20 December 2021*)



Participation in External Events

10 December 2021, **Roundtable for Industry and Job Forum – The Academy of Business in Society**, Vasileios Rizos - *Speaker*

9 December 2021, **Korea Embassy to the EU – green conference**, Milan Elkerbout – *keynote speaker*

8 December 2021, **European Climate Summit ECS 2021**, session “In Conversation with Beatriz Yordi, European Commission”, IETA – *Christian Egenhofer – session moderator*

7 December 2021, **“The Routledge Handbook of EU – Russia Relations” Presentation** - *Irina Kustova – speaker*

26 November 2021, **2nd International Conference on “Belt and Road” Green Development** – *Cristian Stroia - speaker*

24 November 2021, **C4U HRB webinar**, Milan Elkerbout – *speaker*

22 November 2021, **Egmont Roundtable with Commissioner Schmit on Distributional Impact of the Green Deal**, Milan Elkerbout - *speaker*

21 November 2021, **Conference on the Future of Europe – Sustainable Consumption** - *Vasileios Rizos – Speaker*

16 November 2021, **UK Mission to the EU – carbon pricing**, Milan Elkerbout – *speaker*

15 November 2021, **The role of hydrogen in the clean energy transition**, Euractiv – *Christian Egenhofer - speaker*

12 November 2021, **Price and prejudice: Discussing Europe’s energy crunch, its causes and way(s) forward**, IAI - *Irina Kustova – speaker*

1 November 2021, **C4U COP26 EU side-event CCUS**, Milan Elkerbout - *speaker*

28 October 2021, **City of London representation Brussels – carbon pricing**, Milan Elkerbout – *speaker*

7 October 2021, **EFTA Jodoigne**, Milan Elkerbout – *keynote speaker*

6 October 2021, **Expert Hearing - Revision of the Energy Efficiency Directive**, European Economic and Social Committee – *Christian Egenhofer – Keynote speaker*

29 September 2021, **WKO-Steine Brussels workshop**, Milan Elkerbout - *speaker*

2 September 2021, **Euractiv event on EU ETS**, Milan Elkerbout - *speaker*

24 August 2021, **Energy Community Summer School**, Milan Elkerbout - *guest lecturer on carbon pricing*

26 July 2021, **CBAM effects on Russia’s economy – CENEf-XXI**, Milan Elkerbout - *speaker*

21 July 2021, **UBS Briefing Fit-for-55**, Milan Elkerbout - *speaker*

8 July 2021, **UCL Decarbonising European Industry**, Milan Elkerbout - *speaker*



- 18 June 2021, **Security Challenges in the Balkans Region**, Timisoara – *Christian Egenhofer - speaker*
- 16 June 2021, **EU Climate Diplomacy Leadership and the Carbon Border Tax**, GLOBESEC 2021 – *Christian Egenhofer - speaker*
- 15 June 2021, **City of Irun – Irun Open Innovation 2021** – *Vasileios Rizos - Keynote Speaker*
- 10 June 2021, **The Role of Women in Green Economy** - *Irina Kustova – speaker*
- 9 June 2021, **TIAS School for Business and Society** -*Vasileios Rizos - Speaker*
- 9 June 2021, **The European Green Deal: Opportunities for EU-Gulf Cooperation**, Bussola Institute - *Irina Kustova – speaker*
- 27 May 2021, **American Chamber of Commerce to the European Union - Charging up the European Green Deal: the case for batteries** – *Vasileios Rizos – Speaker*
- 27 May 2021, **ESSA steel conference**, *Milan Elkerbout - speaker*
- 27 May 2021, **China, EU and US cooperation on climate change - is there political will to make real progress**, Euractiv - *Irina Kustova - speaker*
- 11 May 2021, **Climate Change and Energy - Roundtable**, UPES - *Irina Kustova – speaker*
- 29 April 2021, **Texas A&M University - The circular economy: From theory to policy** - *Vasileios Rizos – Keynote Speaker*
- 21 April 2021, **NOVA Consumer Lab/ NOVA School of Law – Consumer Conference 2021** – *Vasileios Rizos – Moderator*
- 10 April 2021, **EU-GCC Dialogue on Economic Diversification** – *Vasileios Rizos & Jorge Nunez – Keynote Speakers*
- 7 April 2021, **Territorial plans for an inclusive transition of carbon intensive regions - Coal transition in Bulgaria, Romania, Czech Republic, Slovakia, the Baltics and beyond**, The Institute for Sustainable Transition and Development – *Christian Egenhofer - speaker*
- 31 March 2021, **EU-GCC Cooperation on the Energy Transition**, Bussola Institute - *Irina Kustova – speaker*
- 26 March & 17 May 2021, **Policy Lab for a Europe made by Circular Regions - A framework for International Cooperation**, 1st and 2nd Stakeholder Workshop – *Cristian Stroia - speaker*
- 22 March 2021, **Green Deal 2050: Bauen für eine klimaneutrale Zukunft –Lösungen gesucht**, ReConstruct – *Christian Egenhofer - speaker*
- 17 March 2021, **Metalliska steel conference**, *Milan Elkerbout – keynote speaker*
- 3 March 2021, **IETA workshop Negative Emissions**, *Milan Elkerbout - speaker*
- 11 February 2021, **CESEC Electricity and RenewableEnergy Plenary and Working Group**, Directorate B – Internal Energy Market, European Commission – *Christian Egenhofer – speaker*
- 10 February 2021, **Environment Policies and Economic Growth – experiences from Japan, the EU and Serbia**, International and Security Affairs Centre ISAC - *Christian Egenhofer – speaker*



7 January 2021, **Electromobility Platform, ETS & transport**, *Milan Elkerbout – speaker*

6 January 2021, **BXL Week – Voyage d'études virtuel du Master Etudes Européennes et Internationales**, SciencesPo - *Christian Egenhofer - speaker*