

Eike Karola Velten

Diplom-Wirtschaftsingenieurin (Graduate Industrial Engineer of Energy and Environmental Management)

Coordinator Energy

Senior Fellow

Team

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Eike Karola Velten (née Dreblow) is a Senior Fellow and Coordinator of the Energy team at Ecologic Institute. She studies the transition to climate neutrality, with a focus on climate mitigation policies for the energy sector in particular. A trained industrial engineer, Eike Velten specializes in data collection and analysis and indicator-based assessments. She works in German and English.

Eike Velten has led and contributed to a variety of projects for European and German institutions during the ten years she has spent working at Ecologic Institute. In particular, she develops and checks planning and monitoring exercises. Currently, she tracks EU progress towards climate neutrality across a range of building blocks under the European Climate Neutrality Observatory (ECNO) being the lead author of the first flagship report. Eike Velten also supports Eurostat in its yearly monitoring of the sustainable development goals, covering SDG7 on energy and SDG13 on climate action. From its beginning in 2011 until 2019, she provided scientific support to the expert commission of the monitoring process on the energy transition in Germany.

In addition, Eike Velten analyzed the EU Member States long-term climate strategies and their National Energy and Climate Plans (NECPs) in several projects with a cross-cutting view on the societal changes and related policies. She also evaluates innovative climate mitigation projects carried out under the German National Climate Initiative (NKI).

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Eike Karola Velten studied industrial engineering with an emphasis on energy and environmental management at the University of Flensburg (Germany). In her diploma thesis at [Fichtner](#), she researched how concentrating solar power plants could be registered under the Clean Development

Mechanism. She spent a year abroad at the University of Las Palmas de Gran Canaria (Spain) to attend classes on marine science.

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Projects Publications

Selected projects by Eike Karola Velten

[European Climate Neutrality Observatory \(ECNO\)](#)

Duration

Oct 2022 - Dec 2024

Funding

[European Climate Foundation](#) (ECF), International

[EU Policy Initiatives and Methodological Assistance on Indicators](#)

Duration

Jan 2023 - Dec 2026

Funding

European Commission, [Eurostat](#) (Eurostat), International

[Evaluation, Monitoring and Adaptation of Existing Funding Programmes and Further Development of the National Climate Initiative \(NKI\) 2019-2023](#)

Duration

Aug 2019 - Dec 2023

Funding

[Federal Ministry for Economic Affairs and Climate Action](#) (BMWK), Germany
[Federal Ministry for Environment, Nature Conservation and Nuclear Safety](#) (BMU), Germany

[Assessing Policy Evaluations in the Context of the National Energy and Climate Plans \(NECPs\)](#)

Duration

Nov 2020 - Aug 2023

Funding

[German Environment Agency](#) (UBA), Germany

Assessments Supporting EU Progress towards Climate Neutrality

Duration

Jun 2021 - Jun 2023

Funding

[European Climate Foundation](#) (ECF), International

Support to the Expert Commission on the "Energy of the Future" Monitoring Process

Duration

Jul 2012 - Jun 2019

Funding

[Federal Network Agency](#) (BNetzA), Germany

Selected publications by Eike Karola Velten

Velten, Eike Karola et al. 2023: Flagship Report: State of EU progress to climate neutrality. An indicator-based assessment across 13 building blocks for a climate neutral future. European Climate Neutrality Observatory (ECNO).

Wachsmuth, Jakob et al. 2023: National Energy and Climate Plans: Evidence of Policy Impacts and Options for more Transparency. A Meta Study assessing Evaluations of selected Policies reported in the Danish, French, German, Slovenian, and Swedish Plan. Final report. Dessau-Roßlau: German Environment Agency.

Petri, Ekkehard, et al. (ed.) 2023: Sustainable Development in the European Union. Monitoring Report on Progress Towards the SDGs in an EU Context. [eurostat Statistical books 2023 edition]. Luxembourg: Publications Office of the European Union.

Further assessments of EU policy planning and reporting

Velten, Eike Karola, Nick Evans, Deyana Spasova, Matthias Duwe, Ramiro de la Vega, Laurens Duin, and Harrison Branner (2022): Charting a path to net zero: An assessment of national long-term strategies in the EU. Ecologic Institute, Berlin.

Duwe, Matthias; Eike Karola Velten, Nick Evans, Mona Freundt, Julien Pestiaux, Benoît Martin, Pascal Vermeulen (2019): Planning for net-zero: Assessing the Draft National Energy and Climate Plans. Berlin, Louvain-la-Neuve, Brussels.

Climact, Ecologic Institute (2020): Analysing the impact assessment on raising the EU 2030 climate target - How does the European Commission's approach compare with other existing studies?

Evaluation of innovative climate protection projects

Velten, Eike Karola 2021: Evaluierung der Nationalen Klimaschutzinitiative. Bericht zum F&E-Auftrag Innovative Klimaschutzprojekte. Ecologic Institute: Berlin.

Sectoral assessments

Velten, Eike Karola; Clemens Brauer, Jan-Erik Thie (2020): Used vehicle trade and fleet composition in Europe. Final report of the project "Used vehicle trade and fleet composition in Europe" on behalf of the EEA. Ecologic Institute and Fraunhofer Institute for Systems and Innovation Research ISI: Berlin, Karlsruhe.

Velten, Eike Karola, Stoll, Theresa; Meinecke, Lisa (2019): Measures for the promotion of electric vehicles. Ecologic Institute, Berlin. Commissioned by Greenpeace e.V.

Steuer, Sibyl et al. 2020: Lessons learned to inform integrated approaches for the renovation and modernisation of the built environment. Final Report to the European Commission, Directorate-General for Energy. ENER/C3/2019-468/03

Source URL: <https://www.ecologic.eu/3492>