

## GJETC Outreach

Approaching Carbon Neutrality in Times of Crisis:  
German-Japanese Study Results on the Role of  
Decentralized Electricity Storage, Decarbonization of the  
Steel Industry and Long-Term Scenarios (update)



**Online Event on November 9th, 2022**  
**08:30-10:00 CET / 16:30 – 18:00 JST**

## Background

The war in the Ukraine revealed the dependency of the European and especially the German energy supply security on energy imports from Russia. This dependency causes fears towards the upcoming winter season and raises questions anew regarding alternatives to secure the energy supply. While ensuring the people's short-term energy supply, Germany also has to keep up with its commitments to contribute to the mitigation of climate change with its long-term risks.

Japan and Germany both have set ambitious targets to become carbon neutral. Japan seeks to reach carbon neutrality by 2050, Germany even – following a ruling of the constitutional court in April 2021 – until 2045. To meet these targets while also ensuring the energy security supply, quick and thoughtful decisions are necessary more than before the war of Russia against Ukraine.

Against this background, the German-Japanese dialogue on energy transition plays a particular significant role. Since its foundation in 2016, the German-Japanese Energy Transition Council (GJETC) has been working on strategic and systemic analysis to develop policy advice for new and long-term perspectives on the way to an ambitious energy transition.

The outreach event will present three recent studies that discuss (1) the role of distributed electricity storage for grid balancing, (2) the potential for decarbonization in the steel sector and (3) an update on long-time scenarios to reach carbon-neutrality in Germany and Japan against the background of the current energy crisis. The presentations will be followed by a discussion on how the dependence on Russian gas affects the energy supply security in both countries.

The online event, open to the public, is free of charge and will be held in English with simultaneous interpretation into Japanese language via Zoom.

### Registration:

(EN) [https://www.ecos.eu/en/events/details\\_en/gjetc-outreach-november-2022.html](https://www.ecos.eu/en/events/details_en/gjetc-outreach-november-2022.html)

(JP) [https://www.ecos.eu/ja/veranstaltungen\\_j/details\\_j/gjetc-atorichiibento-nov-2022.html](https://www.ecos.eu/ja/veranstaltungen_j/details_j/gjetc-atorichiibento-nov-2022.html)

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<b>CET   JST</b>	<b>Program</b>
<b>08:30   16:30</b>	<b>Welcome by the GJETC Co-Chairs</b>
<b>08:35   16:35</b>	<b>Presentation of Results from the Studies conducted in 2021/2022</b> <ol style="list-style-type: none"><li>1. The Role of Batteries towards Carbon Neutrality: How can Distributed Electricity Storage contribute to balancing Supply and Demand in Power Markets as well as in Power Grids? <i>Stefan Thomas (Wuppertal Institute) and Toshiya Okamura (Institute of Energy Economics Japan)</i></li><li>2. Potential Roadmaps for Decarbonization of the Steel Sector <i>Thomas Adisorn (Wuppertal Institute) and Yoshikazu Kobayashi (Institute of Energy Economics Japan)</i></li><li>3. Update on the Comparative Analysis of Long-Term Scenarios discussing Decarbonization Strategies in Japan and Germany in Times of Change <i>Lotte Nawothnig (Wuppertal Institute) and Hideaki Obane (Institute of Energy Economics Japan)</i></li><li>4. Comment on BDI-Climate Path 2.0 and current Challenges for the Industry <i>Carsten Rolle (GJETC Council member; Federation of German Industries BDI)</i></li></ol>
<b>09:10   17:10</b>	<b>Implications of the War in Ukraine for the German / EU and Japanese Energy Security and Climate Strategy</b> <ol style="list-style-type: none"><li>1. Input (10 minutes): On Current Japanese Policy &amp; Outlook after Ukraine War <i>Prof. Tatsuya Terazawa, Co-Chair of GJETC</i></li><li>2. Input (10 minutes): On German/EU Policy &amp; Outlook after Ukraine War <i>Prof. Peter Hennicke, Co-Chair of GJETC</i></li><li>3. Short comments <i>Prof. Jun Arima, GJETC Council Member Felix Matthes, GJETC Council Member</i></li></ol>
<b>09:35   17:35</b>	<b>Discussion</b> <p>Questions from the audience will also be taken into account.</p>
<b>09:50   17:50</b>	<b>Closing Remarks</b>
<b>10:00   18:00</b>	<b>End</b>