



GERMAN-BRAZILIAN ENERGY PARTNERSHIP

Brazil and Germany work together to support and diversify sustainable, safe, and affordable energy supply, as well as improving energy efficiency in both countries. The German-Brazilian Energy Partnership provides a forum for high-level political dialogue and brings together representatives from different sectors in support of the energy transition towards a wider use of renewable energies and energy efficiency.

General Information

There is a significant difference in the energy generation mix of Germany and Brazil. Brazil has one of the cleanest energy generation mixes worldwide and produces more than 60% of its electricity by hydropower plants. In addition, the country has a great potential for the development of renewable energy sources, especially for solar and wind energy.

The basis for the partnership is the strategic agreement between Germany and Brazil in the energy sector, which was signed in May 2008 and ratified in December 2009. Priority areas of the energy partnership are renewable energies and energy efficiency. The German-Brazilian Energy Partnership towards Energy was re-launched back in 2017.

Meeting of the German-Brazilian Energy Partnership Steering Committee, April 2017, Berlin



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Along with a High-Level Steering Committee at the level of Ministers and Secretaries of State, two working groups have also been established to promote regular exchanges on topics such as energy efficiency, renewable energy, and bioenergy. Such working groups are open to government representatives, stakeholders in different business areas, research, and civil society. Some of the priority questions approached in the working groups include:

Renewable Energies:

- Demand Response as a flexibility option;
- Transmission grid expansion planning;
- Centralized and decentralized power Generation.

Energy Efficiency:

- Energy Efficiency Networks in the Industry;
- Digitalization and Energy Efficiency (in the building sector).

Green Hydrogen:

- Production, Logistics and Application.

Additionally, the partnership includes specialized workshops, conferences on energy policy, studies, and study trips.

Goal

The Brazilian energy policy favors a sustainable, secure and affordable energy supply. Stakeholders from business, politics and research regularly exchange information on current developments.

Institutional Structure

The German-Brazilian Energy Partnership is part of the global project "Support for Bilateral Energy Partnerships in Developing Countries and Emerging Economies", which also operates in countries such as Mexico, Chile, South Africa, and China, among others.

The Federal Ministry for Economic Affairs and Climate Actions (BMWK) is responsible of the deployment of the energy partnership on the German side. The cooperation and negotiation partner of the Energy Partnership on the Brazilian side is the Ministry of Mines and Energy (MME). Alongside these partners, the Ministry of Foreign Affairs (MRE), the Energy Research Office (EPE) and the Brazilian Electricity Regulatory Agency (ANEEL) are also engaged in the dialogue. Representatives of industrial associations, companies, financial and research institutions from both countries are invited to actively engage in the Energy Partnership.

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH has been commissioned to support the implementation of the partnership. A secretariat has been established in Brasilia and Berlin to offer organizational and content support to activities in the energy partnership and to act as a point of contact for all participants and stakeholders.

Choice of Activities

As part of the Brazil-Germany Energy Partnership, during the following events, policy makers, as well as representatives from industry, associations, and financial and research institutions exchanged ideas on the development and implementation of the Brazilian energy policy for sustainable, safe and affordable energy supply, such as:

- **04/2017:** Meeting of the Steering Committee in Berlin to identify the thematic priorities of the German-Brazilian Energy Partnership;
- **10/2017:** Study trip and workshop in Germany for WG 2, Energy Efficiency. Topics: mechanisms to encourage energy efficiency; and auction models for energy efficiency in the electricity sector;
- **05/2018:** 1^o German-Brazilian Energy Day, in Sao Paulo, including a visit to BASF's CasaE Eco-efficient House, a workshop on "Energy Efficiency in the construction sector" and a reception at the "Energiewende" (AA) itinerant exhibition;
- **07/2019:** 2^o German-Brazilian Energy Day focusing on the topic "Challenges and Opportunities for Future Energy Systems", carried out in Rio de Janeiro;
- **05/2020:** Bilateral exchange on experience on measures to mitigate the impacts of the Covid-19 pandemic on the energy sector;
- **09/2020:** Bilateral exchange on experiences on green hydrogen (H2);
- **12/2020:** Exchange between Brazilian and German experts on combined wind and solar auctions;
- **06/2021:** Meeting of the Renewable Energies (RE) WG for the presentation of the results of the sectorial mapping of H2 in Brazil, status quo of the H2 agendas and launching of the WG Green H2;

- **06/2021:** Training on H2 and PtX with the participation of government representatives;
- **06/2021:** Virtual technical mission focusing on "Hybrid Hydrogen Plants for Isolated Systems" in cooperation with AHK-RJ and the Energy Technologies Export Initiative;
- **08/2021:** 3^a meeting of the German-Brazilian Business Council;
- **10/2021:** 3^a German-Brazilian Energy Day on Green Hydrogen, Learning Energy Efficiency Networks and Renewable Energies;
- **11/2021:** Closing Event of the Energy Efficiency Learning Network in Industry in the state of São Paulo (RedEE Indústria);
- **11/2021** Meeting of the Energy Efficiency Working Group on the results of the RedEE Industry pilot.
- **02/2022:** H2 Working Group Meeting;
- **03/2022:** Brazilian delegation to Germany to the Berlin Energy Transition Dialogue (BETD);
- **05/2022:** Brazilian delegation to Germany "Promoting Energy Efficiency" in the scope of Smarter E Europe ;
- **08/2022:** 2 networking events at Smarter E South America, one for women and other about H2;
- **12/2022:** 3^a meeting of the German-Brazilian Business Council between industry and BMWK, in São Paulo;
- **01/2023:** Workshop to present the results of the study on the technical economic and market potential of Demand Response in the Brazilian industry sector;
- **02/2023:** Green H2 WG virtual meeting;
- **03/2023:** Signing of the communiqué reaffirming the Energy Partnership between BMWK and MME, in the scope of the German-Brazilian Economic Meeting (EEBA);
- **03/2023:** Delegation of Brazilian associations to BETD;

Are you interested in the German-Brazilian Energy Partnership?

If you are interested in the topics of cooperation, or would like to participate in activities or meetings of the Energy Partnership, please contact us:

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