



EnergInno Brazil 2022



Power to X – Innovations in Green Hydrogen and Biogas for a Sustainable Future

As part of the fourth phase of the initiative “Research in Germany”, funded by the Federal Ministry of Education and Research (BMBF), the Fraunhofer-Gesellschaft as an institution of applied research carries out measures to support the cooperation between small and medium-sized enterprises (SMEs) and scientific institutions (universities and research institutions) in order to induce international projects. The aim is to initiate and strengthen project development with Brazilian research institutions and companies in the green energy sector. Therefore, the Fraunhofer-Gesellschaft is offering a networking event in Sao Paulo (Brazil), including an introductory training and company visits (the Matchmaking Tour), and a workshop on research project promotion and funding opportunities (the Idea2Project Workshop) for 10 selected German Research-SME-Tandems in 2022. At the same time, potential Brazilian partners will be offered a trip to Germany (the German R&D Tour) to learn more about the German green energy research sector.

AN INITIATIVE OF THE



Federal Ministry
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 **Fraunhofer**

**Research in
Germany**



Land of Ideas

www.research-in-germany.org

1. Background and Main Topics of Focus

The new High-Tech Strategy 2025 and the Innovation Program by the German Federal Government aim at boosting innovative, technology-based measures for small companies and start-ups, thus strengthening the German Mittelstand and pooling the assets of science and industry.

Companies are supported by means of technology-based research, usually in the context of cooperation with universities or research institutions. However, getting involved in international innovation networks is generally more difficult for SMEs, universities and research institutions due to a lack of human and/or financial resources. Therefore, a major focus of the Federal Government is placed on measures to support international cooperation between SMEs and applied research in Germany.

At the same time, the ongoing pandemic has shown that due to less energy consumption, air pollution has been reduced significantly. Yet at the same time, as per IEA, the development of energy efficiency has lowered in comparison to other years with higher economic activity. More than ever, the energy transition has to be addressed with new and sustainable solutions.

That is why the the EnerInno Brazil campaign as part of the initiative „Research in Germany“ aims at supporting players from research and industry to propose project ideas in the fields of **Green Hydrogen** and **Biogas** related to transportation and general energy production in both the private and industrial sector. Likewise, the scientific dialogue and economic network between **Germany** and **Brazil** shall be strengthened through bi-national activities in both countries with the objective to create a network for sustainable energy solutions and foster the cooperation between both countries.

2. Funding

Up to 10 Research-SME-Tandems, each consisting of one person from science (university, university of applied sciences, non-university research institution or a similar institution) and one person from the industrial sector (SME or Start-Up). In addition, up to 20 Brazilian experts (scientists and/or SME representatives) will be invited to a 5-day German R&D Tour in Germany. These experts will be selected by the German Research-SME-Tandems.

2.1 Funding will be provided for:

A 5-day **Matchmaking Tour** to Sao Paulo (Brazil), including intercultural training, a two-day networking event and two days of company visits for 10 German Research-SME-Tandems. DATE: May 9-13, 2022

A 1-day **Idea2Project Workshop** in Germany for 10 German Research-SME-Tandems to receive information on concrete funding opportunities. DATE: September 20, 2022

A 5-day **German R&D Tour** for 20 Brazilian scientists and/or SME representatives including visits to relevant research and industrial institutions of German energy research. DATE: November 7 – 11, 2022

3. Program Details

The **Call for Ideas & Innovation** addresses the German energy research community, in particular representatives from universities and other research institutions as well as stakeholders from the German Mittelstand who jointly develop application-oriented technologies, products and/or processes. The applying parties should represent already existing Research-SME-Tandems.

The selection of participants for the Energinno Brazil campaign is based on an application scenario. The focus is on showcasing the efficient and complementary cooperation between the applied research sector in Germany and the internationally esteemed German Mittelstand. An independent expert panel will rate the submitted applications according to a number of research and market specific criteria, in particular its feasibility for a German-Brazilian collaboration. A total of 10 tandems (each consisting of 10 researchers and 10 SME representatives) will be selected for the initiative and will have the opportunity to participate in a 5-day Matchmaking Tour in Brazil.

The 1-week German R&D Tour will give 20 Brazilian representatives of the energy research sector and from SMEs the opportunity to build a network in Germany by visiting universities, research institutions and companies, thus laying the foundation for ongoing project development. These 20 representatives will be defined after an open call which will take place in Brazil.

The German Research-SME-Tandems will also have the opportunity to take part in the 1-day Idea2Project Workshop where they will receive information on concrete funding opportunities.

4. Funding Topics

With the aim of promoting green and sustainable energy production in Germany and Brazil, applications should cover at least one of the following research areas:

**GREEN
HYDROGEN**

BIOGAS

5. The Application Process

For application, the attached document must be completed and sent to **research-in-germany@fraunhofer.de**

The application deadline is December 5, 2021 (11:59 p.m. CET).

The results of the competition will be announced February, 1st at the latest by e-mail and on the website **www.research-in-germany.org/energinno**

By identifying themselves as employees at a German research institution or SME/Start-Up, the authors of the project idea confirm that the idea for the submitted application has been developed within the context of their employment, and that they are submitting this proposal as representatives of their research institution or company respectively. The Research-SME-Tandems are to name one person who will act as the main contact and person in charge on behalf of the tandem.

Applicants who have received previous funding by the Fraunhofer-Gesellschaft within the Research in Germany campaign, are not eligible for this program. The judges' decision is final.

Contact for further questions:

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Energinno Brazil also offers Call **Consultation hours** where we answer your questions in person:

Option 1: **October 19, 2021 10 a.m. – 12 p.m.**

Option 2: **November 16, 2021 10 a.m. – 12 p.m.**

To participate, **please register** at the latest one day in advance at **research-in-germany@fraunhofer.de**

6. Confidentiality

All persons involved in the campaign and the proposal evaluation process (Jury Panel, Fraunhofer Project Team) are committed to confidentiality concerning the content of the proposal. By accepting the vote for Energinno Brazil, the chosen tandems agree that selected content of their project idea may be published within the context of the Energinno Brazil campaign in order to advertise the project. However, any publication will take place only after consulting with the authors on the wording and the type of publication, and with specific consideration of protection of confidential content details.

7. Contact Details

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