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Finishing step of the campaign EnergInno Brazil: German R&D Tour

5 days to explore the green energy sector in Germany – 11 Brazilian innovators taking this chance

To what extent can German and Brazilian experts for green hydrogen and biogas network sustainably? How can the German research and innovation hub present itself even better in order to initiate further international cooperation?. The aim of the campaign EnergInno Brazil is to answer both questions concretely with its German R&D Tour: The tour leads 11 Brazilian innovators from the field of sustainable energy to leading institutions and companies of the same sector in Germany. EnergInno Brazil, a campaign led by the Fraunhofer-Gesellschaft, will travel through the 'green' west and south of Germany from November 7 to 11, 2022.

About a year ago, the EnergInno Brazil campaign was launched, and now its final event takes place: the German R&D Tour. For this, the 11 Brazilian winners of a national call by EnergInno Brazil are invited to an information tour through representative German research institutions, companies, and clusters in the field of sustainable energy production and supply. The participants of the tour, who had applied and convinced the jury with their projects in the research fields of green hydrogen or biogas, can thus gain an exclusive insight into innovative German research and technology and at the same time network with potential partners.

German companies and institutions for sustainable energy

The German R&D Tour opens with a visit at NEUMAN & ESSER (NEA GROUP) in Übach-Palenberg. Here, Energlnno Brazil follows up on the visit to the Brazilian company Hytron, which is part of the ENEGRY SOLUTIONS division. In the afternoon of the first day, the Brazilian delegates continue to Jülich to the Campus of the Aachen University of Applied Sciences, where they are given insights into various laboratories. Here, the dean of the campus, Prof. Volker Sander, welcomes thema: "I am excited about the chances for the development of sustainable energy systems in Germany and Brazil opened up by this campaign." The Jülich Research Center on the following day, as well as the photovoltaic and wind power plant of the Bergheim municipal utilities, complete the stations visited in Western Germany.



On Wednesday, the group reaches the Center for Solar Energy and Hydrogen Research Baden-Württemberg (ZSW) in Ulm. On the following day, the focus is still on renewable raw materials. Thus, in Straubing, the Zweckverband Hafen Straubing-Sand with its affiliate BioCampus Straubing GmbH and the sunliquid demonstration plant of the company Clariant will be visited. In the afternoon of the same day, the tour continues to the Energy Technology Center of Landshut University of Applied Sciences, giving the Brazilian experts the opportunity to visit the laboratories for battery production and green gases. The last day of the tour takes the group to the unique energy village of Wildpoldsried and its biogas and wind energy plants. Afterward, one of the innovators, Prof. Sérgio Peres, summed up the experience of the journey this way: "I will return to Brazil and present the German spirit of innovation, a spirit that we also want to accomplish."

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Continuing German-Brazilian networking

At all tour destinations, the Brazilian innovators have the opportunity to engage in indepth discussions with stakeholders from the host institutions and companies. At some of the tour stops, they meet the German participants of Energlino Brazil. This continues and deepens the professional networking that began at the Research2Industry Days in São Paulo in May 2022.

Visuals of the German R&D Tour: https://www.research-in-germany.org/energinno/program/german-r-and-d-tour.html

EnergInno Brazil

The EnergInno Brazil campaign, led by the Fraunhofer-Gesellschaft, is part initiative "Research in Germany" of the Federal Ministry of Education and Research. The campaign aims to network between the Brazilian and German sustainable energy sectors to initiate exchange and cooperation.

"Research in Germany"

"Research in Germany" is an initiative of the Federal Ministry of Education and Research. It presents Germany as a country of research and innovation and creates a forum for international exchange and cooperation.



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Abb. 1 The Brazilian delegation during their visit to the FH Aachen University of Applied Sciences - Campus Jülich. Top row (f.l.t.r.) Dr. Fábio Augusto de Souza Ferreira (UNLIMITEC), Prof. Gerhard Ett (Engenharia Química do Centro Universitário FEI), Prof. Renata Mello Giona (Universidade Tecnológica Federal do Paraná UTFPR), Dr. Felipe Augusto Moro Loureiro (Green Power Sources Technologies LTDA), Michelle dos Santos Cordeiro Perna (CrushDynamics), Christina Tusche (Fraunhofer-Gesellschaft), Prof. Thales Alexandre Carvalho Maia (Universidade Federal de Minas Gerais), Prof. Haroldo Cavalcanti Pinto (Centro de Pesquisa e Análise de Materiais de Engenharia – CEPAME), Natascha Eggers (Fraunhofer-Institute für Fachbetrieb und Automatisierung IFF), Dr. Milton Sérgio Fernandes de Lima (Instituto de Estudos Avançados), Dr. Mario Coelho (ECOTERRABIO), Prof. Nils Tippkötter (Fachhochschule Aachen)

Bottom row (f.l.t.r.) Gabriela N. da Silva (Cenergia Lab), Prof. Sérgio Peres (University of Pernambuco), Dr. Simone Krafft (Fachhochschule Aachen), Prof. Dr. Bernd Pietschmann (Fachhochschule Aachen), Prof. Isabel Kuperjans (Fachhochschule Aachen), Heike Wülfing (Fraunhofer-Gesellschaft)

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