



FUNDING FRAMEWORK

German-Brazilian Research Cooperation in the Energy sector – NoPa 2.0/ cooperation in the areas of green hydrogen/PtX, direct electrification and energy storage 2023

PROGRAMME OUTCOMES

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The German Academic Exchange Service (DAAD) is using funds from the German Society for International Cooperation (GIZ) GmbH to fund the "German-Brazilian Research Cooperation in the energy sector - NoPa 20," with special focus on the topics of green hydrogen/PtX, direct electrification and energy storage on behalf of the Federal Ministry for Economic Cooperation and Development (BMZ), as part of the "DKTI Brazilian - German Technology Partnership".

The funding covers Brazilian-German research and teaching cooperation, the development of an international network and the acquisition of expertise in the field of international cooperation. Cooperation projects are carried out jointly by at least one German and at least one Brazilian university of the relevant departments for the topic and the focal points (see research topics).

In the long term, the programme will serve (**impact**) the following priorities:

- increase investments in application-oriented innovations and thus to decarbonise the Brazilian and German energy sector
- set up excellent and cosmopolitan research institutions
- implement energy strategies in the areas of green hydrogen/PtX, direct electrification and/or energy storage
- expand and strengthen cooperation between Brazilian and German (research) institutions in the energy sector

To achieve these long-term impacts, the programme pursues the following outcomes:

- **Programme outcome 1:** application of newly developed research outputs and/or conversion of (existing) research outputs into concrete applications, which are increasingly being used.
- **Programme outcome 2:** strengthening of the scientific performance and innovation ability of cooperation partners.
- **Programme outcome 3:** strengthening of the international and national network of cooperation partners and other actors (research institutes, Brazilian authorities).
- **Programme outcome 4:** acquisition of expertise in sustainable cooperation by Brazilian and German universities.

Programme outcomes are to be achieved through the following direct outputs of measures/activities:

- Initiation or strengthening of application-oriented Brazilian-German research cooperation projects and/or activities in the energy sector in the areas of green hydrogen/PTX, direct electrification and/or energy storage
- Completion by Brazilian and German students and/or scientists of their (postgraduate) studies/research and/or teaching stays.
- Initiation, expansion or consolidation of contacts between participating universities and institutions (research institutions, Brazilian authorities)

The programme is supported by DAAD, and in coordination with GIZ, by means of indicator-based and impact-oriented monitoring.

Grant recipients must align their annual reporting with the requirements of this monitoring and cater to the programme and project-specific indicators listed in Annex.

Each project may have a different focus.

Projects need not strive for all programme outcomes. Universities are invited to develop their projects on the basis of the programme's impact structure and the programme indicators and to formulate measurable project objectives and associated indicators. These are to be presented in the application and in the project planning overview; the project objectives must be consistent with the programme objectives (see **Annex "Manual WoM"** with instructions for impact-oriented project planning, the impact structure and catalogue of indicators).

Environmental sustainability

The DAAD has set itself the goal of further reducing its ecological footprint as an organisation and sponsor. Within the framework of project funding, the aim should be to plan and implement projects in a way that protects resources, the climate and the environment. This applies in particular to mobility/travel and, depending on the type and scope of the project, can also relate to procurement and awarding, event management or marketing and public relations. (Information on this is voluntary and not yet relevant for selection.)

ELIGIBLE MEASURES/ ACTIVITIES

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Eligible measures/activities are:

- (Digital) teaching and learning offers (e.g., curricula, modules) are jointly (further) developed, implemented and/or offered
- Participation in and implementation of events and workshops as well as further education and training
- Design or start of research projects (master's theses, doctoral theses)
- Research stays, teaching and study purposes

ELIGIBLE EXPENSES

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All expenses that are necessary to carry out the project (implementation of the measures) are eligible for funding. This includes, in particular:

Personnel expenses for project implementation and support

- associates up to max. 0.5 share, salary grade 13
- assistants
- Stud. Assistants
- Other personnel

Personnel expenses include the gross wages from the employer. Annual special payments are only eligible for funding for the approval period and only insofar as the payment date falls within this period.

Insofar as there are problems in hiring student assistants for project-related administrative activities, expenses for TV-L employees (max. E8) can be requested instead.

Non-personnel expenses

FEES (not for own staff)

Fee payment

for guest speakers, conference leaders, moderators, interpreters, assistants and/or tutors.

Mobility

Expenses for travel/flights may be applied for and claimed – further to the payment of fees – in accordance with the principles of economy and frugality.

Place of residence

Expenses for the stay (accommodation and meals) may be applied for and claimed – further to the payment of fees – according to the principles of economy and frugality.

*The fee payment, mobility and residence must be shown in **a separate line** in the financing plan.*

MOBILITY FOR PROJECT PERSONNEL

Expenses for travel/flight can be applied for and claimed for by the beneficiary's staff in accordance with BRKG/LRKG.

ACCOMMODATION FOR PROJECT PERSONNEL

Expenses for the stay (accommodation and meals) may be applied for and claimed for personnel of the beneficiary in accordance with BRKG/LRKG.

NON-PERSONNEL EXPENSES, DOMESTICALLY AND ABROAD

- Consumables (chemicals, test tubes, paper, etc.)
Assets (teaching material, software, hardware, other laboratory items/equipment, etc.) Procurement or development/revision of consumables, small appliances, etc. relevant to project implementation.
- Rent for space (rent for meeting rooms, rent for office space, etc.)

- Printing/publications/advertising and public relations (flyers, brochures, posters, scientific publications, etc.)
- External services (companies that are commissioned to provide services and arrange procurement, e.g., catering, bus companies, repairs, IT support.)
- Other (conference fees, insurance expenses, etc.)

Note:

Non-personnel expenses are only eligible up to €25,000 per grant.

Grant recipients

MOBILITY OF GRANT RECIPIENTS

- Mobility allowances

- › Mobility between Germany ↔ Brazil ↔ Germany

Students/graduates, doctoral candidates on the German side can apply for and claim a mobility allowance of €1450 for travel/flight for study, teaching and research purposes, as well as to attend events or workshops.

Postdoctoral researchers, experienced scientists and professors from the German side, can apply for and claim a mobility allowance of €1,775 for travel/flight for study, teaching and research purposes, as well as to attend events or workshops (for the grant recipient's staff, see Mobility of project staff).

- › The mobility allowance is due on the first day of travel and must be verified by a list of participants signed by the participants. The mobility allowance covers all expenses related to the trip (including travel and flights as well as expenses for visas, vaccinations, excess baggage, baggage insurance, etc.).

- Mobility between Brazil ↔ Germany ↔ Brazil

- › **Students/graduates, doctoral candidates, postdoctoral researchers, experienced scientists and professors of the Brazilian side can apply for and claim a mobility allowance of €1,450 for travel/flight for study, teaching and research purposes, as well as to attend events or workshops.**

- › The mobility allowance is due on the first day of travel and must be verified by a list of participants signed by the participants. The mobility allowance covers all expenses related to the trip (including travel and flights as well as expenses for visas, vaccinations, excess baggage, baggage insurance, etc.).

- Expenses for travel/flights within Germany and within Brazil can be applied for and claimed according to the principles of economy and frugality (staff of the beneficiary according to BRKG/LRKG).

ACCOMMODATION OF GRANT RECIPIENTS

- Accommodation allowances

- › For students/graduates, doctoral students on the German side for study, teaching and research purposes, as well as for participation in events and workshops for the stay (accommodation and meals) in Brazil, the following flat-rate stay allowances can be applied for and claimed.

Status	Daily rate up to 22 days (total stay; Euro)	monthly rate from the 23rd day (€)	Daily rate (incomplete following month; Euro)
Students	55	1,225	41
Graduates	55	1,225	41
Doctoral students	75	1,675	56

› The accommodation allowance is due on the first day of the stay and must be proven by a list of participants signed by the participants. The accommodation allowance covers the expenses for accommodation and meals as well as for health, accident and liability insurance.

- For stays of German scientists in Brazil for study, teaching and research purposes at the Brazilian partner university, as well as for participation in events or workshops, expenses for the stay (accommodation and meals) can be applied for and claimed according to the principles of economy and frugality (for the grant recipient's staff, see Stay of Project Staff).
- For stays of **Brazilian grant recipients in Germany** for study, teaching and research purposes at the German partner university, as well as for events or workshops, the following accommodation allowances may be applied for and claimed:

Status	Daily rate up to 22 days (total stay) (€)	monthly rate (from the 23rd day) (€)	Daily rate (incomplete following month; Euro)
Students	42	934	31
Doctoral students	54	1,200	40
Postdocs	89	2,000	67
Experienced Researchers and academics	96	2,150	72
Professors (see German university professors)	103	2,300	77

› The accommodation allowance is due on the first day of the stay and must be proven by a list of participants signed by the participants. The accommodation allowance covers the expenses for accommodation and meals as well as for health, accident and liability insurance.

FUNDING TYPE	<p>4 Funding is provided in the form of shortfall funding</p>
FUNDING PERIOD	<p>5 The funding period begins on 1st January 2023 at the earliest and ends on 31st December 2023 at the latest.</p>
GRANT AMOUNT	<p>6 A grant of up to €109,200.00 can be applied for.</p>
SPECIALISATIONS	<p>7 The programme is open to the fields of environmental technology, energy management/technology, engineering sciences energy planning and all sub-fields.</p>
TARGET GROUP	<p>8 master's students, doctoral students, post-doctoral researchers, post-doctoral researchers, post-doctoral researchers, professors</p>
APPLICATION ELIGIBILITY	<p>9 Eligible for application are state and state-recognised German universities and/or non-university research institutions recognised as non-profit-making and self-researching with headquarters in Germany.</p>
APPLICATION	<p>10 The application for project funding must be submitted in full and in due time exclusively via the DAAD portal (www.mydaad.de) in English.</p> <ul style="list-style-type: none"> • Project application (via the DAAD portal) • Financing plan (via the DAAD Portal) • Project description (short version), see form template (attachment type: project description) • Calculation of the incomes/expenses that cannot be documented (Attachment type: supplementary financial information) • Cooperation agreement between German and Brazilian partner university (type of document: contracts/agreements) • Project planning overview, see form template (system type: project description) • Approval of the German and foreign university management, see form template (type of document: programme-specific systems) <p>Mastery of the English language at a scientific level on both the Brazilian and the German side is essential. The German university must draft the application together with the Brazilian partner.</p>

After the application deadline, changes to the financing plan, the project description and subsequently submitted or changed documents can no longer be considered. Incomplete applications will be excluded from the selection procedure.

APPLICATION DEADLINE

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The application deadline is 28th November 2022.

SELECTION PROCEDURE

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Selection of applications for project funding

DAAD decides on the funding based on an evaluation of the applications by a selection committee.

SELECTION CRITERIA

- (1) Reference of the project to the programme objectives (according to the impact structure) as well as impact-oriented planning with indicators that meet the smart criteria (see manual WoM) (with 15% weighting)
- (2) Necessity of expenditure for the implementation of measures (10% weighting)
- (3) Technical and content quality of the application (20% weighting)
 - › Combination of several research topics: the project proposal relates to more than one research topic
 - › Innovation potential and relevance: the proposal includes innovative solutions that are relevant to the Brazilian side and have a positive impact
 - › Scalability of intended outputs: the proposal includes mechanisms and/or strategies to scale up the outputs (e.g., through partnerships with manufacturers)
 - › Partners involved in the project coordinate with each other and contribute to the feasibility of planned measures
- (4) Professional suitability of the applicant and partner university (10% weighting)
- (5) Prior experience of the project manager with sustainable cooperation projects (10% weighting)
 - › Consideration of gender and diversity: project proposals from diverse project teams (preferably with the participation of at least 30% women) and project teams led by women are preferred provided the professional quality remains unchanged
- (6) Project manager's experience in international projects (also in their financial development) (5% weighting)
- (7) Knowledge of English at the German and Brazilian project partner at an academic level (weighting 10%)
- (8) Feasibility of these project outcomes given the planned measures and schedule (20% weighting)

ASSETS

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Guidelines WoM (incl. impact structure, indicator catalogue)

FORM TEMPLATES

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- Project description
- Project planning overview
- Approval of university management (German / English)

IMPORTANT INFORMATION

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- Research topics
- Information on mobility with disabilities and chronic illnesses

Note:

Pursuant to GIZ standards, the duty to provide evidence may deviate from the usual DAAD obligation to provide evidence (proof of use and factual report) (e.g. higher administrative requirements due to audits by external auditors).

CONTACT

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Deutscher Akademischer Austauschdienst (German Academic Exchange Service)

German Academic Exchange Service

Department P 31 – Hochschulstrukturförderung in der Entwicklungszusammenarbeit (Structural Development of Higher Education As Part of Development Cooperation)

Kennedyallee 50

53175 Bonn

Ilona Daun

Email: daun@daad.de

Telephone: 0228 882 8614

Anja Munzig

Email: munzig@daad.de

Telephone: 0228 882 8735

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Por meio da:





Deutscher Akademischer Austauschdienst
German Academic Exchange Service



Bundesministerium für
wirtschaftliche Zusammenarbeit
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