



Germany

FZJ-PtJ



a) National/Regional eligibility criteria

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Eligible entities	Universities, research institutes, SME's and Large companies as well as NGOs. Specifications : none
Eligible topics	We support MARs number 1 to 6 and regarding MAR 4 we concentrate on a technical focus on open-access tools.
Eligible type of research and TRL	Types of research: basic research and applied research TRL: 2 to 6
Additional eligibility criteria	7. Energieforschungsprogramm der Bundesregierung (7. EFP) The regulations of the BMBF Call within the 7.EFP apply: Bekanntmachung zur Förderung The FZJ-PtJ is committed to avoid double funding. We take into account all projects (finished and running) funded by German Ministries. The German partners of the emerging consortia are required to obtain information from the funding institution in advance. Professional Focus: <ul style="list-style-type: none"> - Multilateral joint projects between African, European and German research institutions and companies to develop successful business cases for energy supply services as well as (where applicable) green hydrogen value chains.
Eligible costs	<ul style="list-style-type: none"> ○ Personnel costs ○ Operational costs ○ Investment costs ○ Indirect costs (10% of personnel +operational costs) ○ Subcontracting ○ Travel costs





Maximum amount of requested funding	Maximum of 300.000 € per German consortium. (Included within the funding amount is an overhead of 20% for universities and overhead costs for small and medium-sized enterprises of up to 100% on the personnel costs. The German participants need to include these overheads into their proposed budget.)
Additional information	Additional Information for applicants: <ul style="list-style-type: none"> ○ With regard to the emerging consortia, we strongly welcome the involvement of partners from sub-Saharan Africa. ○ Please refer to this website for further details on the application process. This information is provided in German. Leap-re-long term Europe Africa partnership on renewable energy ○ For the preparation of the full proposals, please refer to this website. This information is provided in German. Formularschrank für Fördervordrucke des Bundes

b) Funding rates

Maximum funding percentages:

Type of research	Large Enterprises	Medium Enterprises	Small Enterprises	Academia, associations without economic activities, public authorities *
Fundamental research	No	No	No	No
Basic research	50	60	70	100
Industrial/Applied Research	50	60	70	100
Experimental development	No	No	No	No





APPENDIX I Areas for research

Multiannual Roadmaps (MARs) Summary

1. **Assessment of Renewable Energy Sources and integration of RES in sustainable energy scenarios** – Scenarios describing the potential role of renewable energy in Europe and Africa per technology, application type with the aim to support the RE industry to prioritize and contextualize target areas of RES deployment
2. **End-of-life and second-life management and environmental impact of RE components** - Map the component value chain, identification of key stakeholders & successful business models promote replicability scenarios of operational models and standard operating procedures in concerned regions
3. **Smart stand-alone systems (SAS)** - Promote the development of RE-SAS demonstrator(s) considering the diversity of potential local RE sources and the local effective environment
4. **Smart grid (different scale) for off grid application** - Development of new tools for optimizing capacity in planning and dispatching strategies based on people's needs with the aim to reduce the energy dependence on fossil fuel and increasing the share of RES use including electricity storage solutions such as batteries, hydrogen...
5. **Processes and appliances for productive uses (PRODUSE)** – Improvement and Promotion of wider use of PRODUSE appliances for Cold chain and thermal tools and equipment's (healthcare and agriculture - livestock, fisheries and farming)
6. **Innovative solutions for priority domestic uses (clean cooking and cold chain)** - Improving, managing and maintaining solar photovoltaic systems, cookstoves and cold chain components for clean cooking and food storage. Supporting interactions with policymaking to foster fast market uptake considering the macro socio-economic and gender impacts





APPENDIX II Technology Readiness Level (H2020 definition)

TRL 1 – basic principles observed

TRL 2 – technology concept formulated

TRL 3 – experimental proof of concept

TRL 4 – technology validated in lab

TRL 5 – technology validated in relevant environment

TRL 6 – technology demonstrated in relevant environment

TRL 7 – system prototype demonstration in operational environment

TRL 8 – system complete and qualified

TRL 9 – actual system proven in operational environment

