

## Germany - Federal – Project Management Jülich (PtJ)

### a) National/Regional information and eligibility criteria

<p><b>Contact Point</b></p>	<p><b>Forschungszentrum Jülich GmbH</b>  <b>Project Management Jülich</b>  <b>Energy and Climate</b>  <b>D-52425 Jülich</b></p> <p>CM2024-01 Energy data spaces and interoperability  Ralf Eickhoff: <a href="mailto:r.eickhoff@ptj.de">r.eickhoff@ptj.de</a>, +49 2461 61-9419  Nelli Hambach: <a href="mailto:n.hambach@ptj.de">n.hambach@ptj.de</a>, +49 2461 61-2615</p> <p>CM2024-02 Energy system flexibility: renewables production, storage and system integration  Ralf Eickhoff: <a href="mailto:r.eickhoff@ptj.de">r.eickhoff@ptj.de</a>, +49 2461 61-9419  Nelli Hambach: <a href="mailto:n.hambach@ptj.de">n.hambach@ptj.de</a>, +49 2461 61-2615</p> <p>CM2024-03A/03B Advanced renewable energy (RE) technologies for power production (Research-oriented approach (ROA) and Innovation-oriented approach (IOA))  Renate Horbelt (PV): <a href="mailto:r.horbelt@ptj.de">r.horbelt@ptj.de</a> +49 2461 61-9874  Franciska Klein (Wind): <a href="mailto:f.klein@ptj.de">f.klein@ptj.de</a> +49 2461 61-8803  Tarik Schwarzer (CSP, STE): <a href="mailto:t.schwarzer@ptj.de">t.schwarzer@ptj.de</a>+49 2461 61-9157</p> <p>CM2024-05 Hydrogen and renewable fuels  Margret Waschbüsch: <a href="mailto:m.waschbuesch@ptj.de">m.waschbuesch@ptj.de</a> +49 2461 61-9108</p> <p>CM2024-06 Heating and cooling technologies  Norbert Rohde: <a href="mailto:n.rohde@ptj.de">n.rohde@ptj.de</a>, +49 30 20199 3232</p> <p>CM2024-07 Geothermal energy technologies  Stephan Schreiber: <a href="mailto:k.schreiber@ptj.de">k.schreiber@ptj.de</a>, +49 2461 61-4743</p> <p>CM2024-08 Integrated regional energy systems  Ralf Eickhoff: <a href="mailto:r.eickhoff@ptj.de">r.eickhoff@ptj.de</a>, +49 2461 61-9419  Nelli Hambach: <a href="mailto:n.hambach@ptj.de">n.hambach@ptj.de</a>, +49 2461 61-2615</p> <p>CM2024-09 Integrated industrial energy systems  Dmitri Tabakajew: <a href="mailto:d.tabakajew@ptj.de">d.tabakajew@ptj.de</a>, +49 2461 61-1665</p> <p>CM2024-10 Clean energy integration in the built environment  Eerke Bunte: <a href="mailto:e.bunte@ptj.de">e.bunte@ptj.de</a> +49 2461 61-1646</p>
<p><b>Funding commitment</b></p>	<p>12.000.000 €</p>
<p><b>Anticipated number of projects to be funded</b></p>	<p>Not applicable</p>
<p><b>Maximum funding per awarded project/per partner</b></p>	<p>Not applicable</p>

<p><b>Eligible types of organisations</b></p>	<p>Potentially private and public applicants are funded, e.g. (non-exclusive)</p> <ul style="list-style-type: none"> <li>• Private – SME</li> <li>• Private – large companies</li> <li>• Private – Non-profit research organisations</li> <li>• Higher education institutions (e.g. universities)</li> <li>• Public research organisations</li> <li>• Public organisations and municipalities</li> </ul>
<p><b>Eligible Call Modules</b></p>	<p>Please note, that not all Call Modules are supported. This refers to CM2024-04 “Carbon capture, utilisation and storage (CCUS)”, which is not supported in the Joint Call 2024. All other Call Modules are supported.</p> <p>Please also note the additional national eligibility criteria for the individual Call Modules described below.</p> <p>CM2024-01 “Energy data spaces and interoperability”: Priority will be given to research organisations (private or public) and non-profit organisations. Industrial relevance results from the call module itself.</p> <p>CM2024-02 “Energy system flexibility: renewables production, storage and system integration”: The tasks of the German partners must be relevant to the electricity grid, electrical energy storage systems and/or their integration (including digitalisation). Self-funded partners or partners with regional funding are possible.</p> <p>CM2024-03A/B “Advanced renewable energy (RE) technologies for power production”: Please note the exceptions:</p> <ol style="list-style-type: none"> <li>1. Bioenergy for power generation (with carbon capture and storage (BECCS)) and for combined heat generation is not eligible for funding of the Federal Ministry for Economic Affairs and Climate Action (BMWK). German partners with own financing or funding are possible as “fully self-financed partners”.</li> <li>2. Bioenergy applications for fuel production are not in the scope of “CM2024-03A/03B Advanced renewable energy (RE) technologies for power production”.</li> <li>3. Ocean energy as well as hybrid-RES solutions with ocean energy for power generation (with negative CO<sub>2</sub> emissions) are not eligible for funding of BMWK. German partners with own financing or funding are possible as “fully self-financed partners”.</li> </ol> <p>CM2024-05 “Hydrogen and renewable fuels”: Renewable fuels are not in the focus of BMWK funding. German partners with own financing or funding are possible as “fully self-financed partners”.</p>

<p><b>Eligible Call Modules</b></p>	<p>CM2024-08 “Integrated regional energy systems”: The tasks of the German partners must be relevant to the electricity grid, electrical energy storage systems and/or their integration (including digitalisation). Self-funded partners or partners with regional funding are possible.</p> <p>CM2024-09 “Integrated industrial energy systems”: Bio-CCUS are not in the focus of BMWK funding. German partners with own financing or funding are possible as “fully self-financed partners”.</p> <p>CM2024-10 “Clean energy integration in the built environment”: Please note that zero emission fuel and hydrogen for heating in buildings as well as mobility infrastructures and e-mobility concepts are not eligible for funding of BMWK. German partners with own financing or funding are possible as “fully self-financed partners”.</p>
<p><b>Eligible types of RDI and TRL</b></p>	<p>Focus on applied research (TRL 5 – 8, lower TRL down to 3 only in special and justified cases)</p>
<p><b>Submission of proposal /documentation at national/regional level</b></p>	<p><b>Full Proposal Phase</b> We may request additional documents (e.g. German project description, credit rating documents, cost breakdown, information about planned exploitation of results etc.) for successful pre-proposals in individual Call Modules. These documents must be submitted at the same deadline as the Full Proposals and contain information on the evaluation criteria of the 8th Energy Research Programme: <a href="https://www.bmwk.de/Redaktion/DE/Publikationen/Energie/20240531-energieforschung-im-rahmen-des-8-energieforschungsprogramms.html">https://www.bmwk.de/Redaktion/DE/Publikationen/Energie/20240531-energieforschung-im-rahmen-des-8-energieforschungsprogramms.html</a>.</p> <p>Detailed information will follow after a successful pre-proposal.</p> <p><b>Successful proposals</b> Successfully selected full proposals must later submit formal national applications (“Anträge”) and additional, tangible exploitation plans via the national application system easy-Online. (Applicants will be informed about the direct link for submission).</p>
<p><b>Additional eligibility criteria</b></p>	<p>The projects must fit thematically into the currently effective 8th Energy Research Programme of the Federal Ministry for Economic Affairs and Climate Action (BMWK). Industrial relevance and industrial participation are further requirements and eligibility criteria. Proposals must provide sound cost calculations breakdowns and clear exploitation plans. Proposals must show significant progress on state of the art and compared to nationally funded projects.</p>

<b>Eligible costs</b>	<p>All project related costs (e.g., personnel, equipment [depreciations], consumables, travel expenses, etc.).</p> <p>Funding rates will be granted based on the targeted TRL, type of organisation, expected impact of results and financial situation of applicants. An appropriate self-financial engagement of the industry is mandatory.</p> <p>Applicants are strongly advised to consult the BMWK guidelines on eligible costs (Richtlinien für Zuwendungsanträge (AZA/AZK)): <a href="https://foerderportal.bund.de/easy/easy_index.php?auswahl=formularschrank_foerderportal&amp;formularschrank=bmwk">https://foerderportal.bund.de/easy/easy_index.php?auswahl=formularschrank_foerderportal&amp;formularschrank=bmwk</a>.</p>
<b>Information available at</b>	<p>8th Energy Research Programme of the Federal Ministry for Economic Affairs and Climate Action (BMWK)</p> <p><a href="https://www.bmwk.de/Redaktion/DE/Publikationen/Energie/20240531-energieforschung-im-rahmen-des-8-energieforschungsprogramms.html">https://www.bmwk.de/Redaktion/DE/Publikationen/Energie/20240531-energieforschung-im-rahmen-des-8-energieforschungsprogramms.html</a></p>
<b>Other</b>	<p>We strongly recommend to contact the above named contact persons for detailed information in advance.</p>

b) Funding rates

Maximum funding percentages:

	<b>Basic research</b>	<b>Industrial/Applied Research</b>	<b>Experimental development/innovation</b>
<b>Large Enterprises</b>	n.a.	50%	40%
<b>Medium Enterprises</b>	n.a.	60%	50%
<b>Small Enterprises</b>	n.a.	70%	60%
<b>Universities, public research organisations</b>	n.a.	100%	90%
<b>Public authorities</b>	n.a.	100%	100%
<b>Associations without economic activities, NGOs</b>	n.a.	100%	50%