



Deadline	Fri 09 July 2021, 10:00 CEST /17:00 Japan time (IOCB deadline Thu 01 July 2021)
Call name	8th Joint Call on Sustainable Hydrogen Technology as Affordable and Clean Energy
www	EIG CONCERT-JAPAN: http://concert-japan.eu/ CAS: https://era.avcr.cz/cs/multilateralni-spoluprace/EIG-CONCERT-Japan/ MEYS: https://www.msmt.cz/vyzkum-a-vyvoj-2/informace-o-vyhlaseni-8-spolecne-vyzvy-v-ramci-evropske?lang=1&ref=m&source=email
Focused on	Sustainable Hydrogen Technology as Affordable and Clean Energy As a part of this call, researchers are envisioned to explore areas of research such as: • Hydrogen Production (different mechanisms for water splitting – renewable, electrolysis, biological (fermentation), ...) • Manufacturing (fabrication methods for continuous process: scalability, cost-reduction, reliability, sensors integration, quality control, ...) • Hydrogen Storage and transportation (physical-based: gas, liquid, ...; materials-based: absorbent, organichydride, metalhydride ...; models, ...) • Technology applications and validation (transport, power generation, hydrogen fuel cells (catalyst, electrolytes, electrodes, models, ...), heating and cooling ...) • Systems Modelling and Analysis (performance models, aging and degradation models, life cycle analysis, financial analysis, required infrastructures, lab pilots, ...)
PI	Consortium of at least 3 eligible beneficiaries: one from Japan and two from two different participating European countries (senior researchers, junior researchers, postdocs) represented by the principal project leader.
Eligible organisation	Research organisations / public higher education institutions, public and private legal RTD entities, SMEs; national/regional regulations may apply. Participating country: Japan, Bulgaria, Czech Republic, France, Germany, Lithuania, Norway, Poland, Slovakia, Spain, Switzerland and Turkey.
Target group	Multinational research groups collaboration: Consortium of at least 3 countries (1 from JP and 2 from different EU countries participated in the Joint Call)
Expected outputs	Not specified
Call opens	10 May 2021
IOCB deadline	Thu 01 July 2021
Final deadline	Fri 09 July 2021, 10:00 CEST One joint proposal per consortium-submission website: https://ptoutline.eu/app/eigjapan_ic2021 Czech participant: CAS: additional proposal form by e-mail MEYS: no additional proposal, just copy of the joint proposal submitted only via data box (datová schránka).
Evaluation results	December 2021
Signature of agreement	December 2021 – February 2021
Earliest date of implementation	April 2022
Latest date of implementation	March 2025
Sustainability	None
Reporting	Interim report: October 2023; Final Report: April 2025; (for Czech participants – CAS or MEYS, annual reports 31 January); intermediate & final workshops
Project duration (min-max)	up to 36 months
Allocation for the call	Total 6 741 775 EUR; (CAS 240 000 EUR; MEYS 600 000 EUR) 6 joint projects
Project budget (min-max)	CAS: max.120 000 EUR; MEYS max. 600 000 EUR
Success rate	Not available
Eligible costs	The eligibility of all costs for each applicant depends on the relevant national/regional regulations. For the Czech applicant

	<p>CAS: direct costs (mobility and transport costs; living expenses, consumables and small equipment, personnel costs only for young researchers (PhD students and postdocs)-up to 20% of the project costs.) No indirect costs.</p> <p>MEYS: (in accordance with Act. No 130/2002 Coll.); direct costs (research materials and small-scale research equipment, subcontracting, personnel (max. 40% of total budget) and travel costs) and indirect costs (overheads max 25% (fat rate) of direct costs without subcontracting).</p>
Reimbursement	100 % for research institutes and universities; up to 50 % for SMEs
Mode of funding	ex-ante
Language of application	English
Provider	<p>Consortium of 13 countries (for Czech participants – CAS or MEYS)</p> <p>EIG CONCERT-Japan Joint Call Secretariat: Centre national de la recherche scientifique (CNRS); Ms. Johanna Seif; concert-japan-jcs@cnrs.fr; + 33 (0)144 964 011</p> <p>The Czech Academy of Sciences (CAS), Division of International Cooperation, www.avcr.cz; Ms. Alena Žochová, zochova@kav.cas.cz, +420 221 403 566</p> <p>Or Ministry of Education, Youth and Sports (MEYS), www.msmt.cz</p> <p>Mr. Josef Janda: josef.janda@msmt.cz; +420 234 811 188 or Ms. Jana Kolaříková: jana.kolarikova@msmt.cz; + 420 234 811 189</p>
Call identifier	CONCERT-Japan-2021
Call info	EIG CONCERT-Japan Joint Calls aim to support sustainable and multilateral research cooperation, especially promoting the transnational mobility between European and Japanese researchers, through enhancing inter-regional communication and cooperation; increasing and developing opportunities for high quality research networking between researchers; developing new partnerships and strengthening existing ones and exchanging existing knowledge and creating new knowledge. This call focuses on research around the development of sustainable hydrogen technology.
Conditions / Restrictions	<p>Each project consortium should choose two project leaders, one from Japanese side and one from European side.</p> <p>One of the two project leaders (the “principal project leader”) will be responsible for submitting the proposal on behalf of the whole consortium.</p> <p>Project leaders may participate in only one project proposal.</p> <p>One (and only one) Principal Investigator (‘PI) will represent each beneficiary.</p> <p>Each partner need to respect the national/regional rules for funding.</p> <p>Researchers/research teams from countries not participating in this Call may participate as additional partners in a project consortium if they have secured funding from other sources.</p> <p>Project teams will be expected to attend and reserve budget for two joint workshops to be held within Europe (one mid-term and one final).</p>
Proposal consists of	<p>Joint project proposal: abstract, project description, objectives, coordination and management, scientific excellence, work plan, methodology, envisaged types of activities, involvement of each partner, financial plan, expected impact, added values of multilateral cooperation, CVs of main researchers with the 5 most relevant publications of the last ten years. Proposal in total 11 pages plus max. 1 page per researcher.</p> <p>CAS: additional application: abstract, summary of the Czech team research plans, description of the Czech team, CV of the Czech Principal investigator (in total 3 pages) or MEYS: no additional proposal, just copy of the joint proposal</p>
Evaluation criteria	<p>International, independent evaluation by at least two scientific peers.</p> <p>Criteria:1) Scientific excellence; 2) Impact of project results; 3) Implementation</p> <p>Maximum score 15 points; each criterion max. 5 points; no threshold;</p>
Research areas	Clean energy
Call workshop	
IOCB contact	<p>Please inform the IOCB Project Office about your intention to apply.</p> <p>Do not hesitate anytime to contact us for consulting, discussion or help.</p> <p>Veronika Palečková, veronika.paleckova@uochb.cas.cz, 420 220 183 266</p> <p>Jitka Šilerová, jitka.silerova@uochb.cas.cz, +420 220 183 229</p>
Download documents	<p>CONCERT-Japan 2021 summary</p> <p>CONCERT-Japan 2021 Call</p> <p>CONCERT-Japan 2021 Guidelines</p>