

Partner Offer

Date of Submission: 28.09.2026

We are... ☒ offering ourselves as partners ☐ looking for a partner to join our consortium

Horizon Europe Call Topic

(Title or topic ID)

HORIZON-CL4-2027-04-DATA-09

Description of your expertise / the expertise you are looking for

(up to 1000 characters)

XCCES GmbH is a German technology SME specialized in advanced thermal management solutions for high-performance electronics, AI systems, and HPC infrastructure. The company develops and manufactures highly efficient liquid cooling technologies, including direct-to-chip cooling systems, microchannel coolers, custom heat sinks, and thermally optimized packaging solutions. XCCES combines thermal system design, CFD-supported flow optimization, joining technologies, prototyping, and manufacturing in-house, enabling rapid development and industrialization of innovative cooling concepts. A particular focus lies on high-temperature liquid cooling and energy-efficient thermal architectures that facilitate heat reuse and reduce the overall environmental footprint of data centres. XCCES has practical experience in deploying liquid cooling solutions in operational data centre environments and contributes expertise in sustainable cooling, thermal integration, reliability engineering, and energy-efficient operation of next-generation AI and HPC infrastructure.

Keywords describing your expertise / the expertise you are looking for

(up to 10 key words)

Thermal Packaging & Integration, High-Temperature Liquid Cooling, Direct Liquid Cooling (DLC), AI Infrastructure Cooling, Sustainable Data Centres, Heat Reuse Technologies, Energy Efficiency Optimization, HPC Thermal Engineering, Low-PUE Cooling Solutions

Organisation information

Name of your organisation:

XCCES GmbH

Type of organisation:

☐ Industry (Large)

☐ Research Institute

☒ Industry (SME)

☐ Public Body

☐ University or College

☐ Other, please specify: [Click here to enter text.](#)

Previous participation in an EU project?

☒ No

☐ Yes, please specify: [Click here to enter text.](#)

Website: https://www.xcces.de/
Description of your organisation or the consortium for which you need a partner: XCCES GmbH is a German technology company specialized in advanced thermal management and liquid cooling solutions for AI, HPC, photonics, and high-performance electronics. Combining thermal design, manufacturing, and advanced joining technologies, XCCES develops energy-efficient cooling systems that enable sustainable and reliable operation of next-generation computing and data centre infrastructure

Contact details

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Declaration

- ☒ I herewith declare that I am responsible for the content provided and that I expressly consent to its publication in my NCP's national network, e.g. via website, social media or other communication channels usually used by my NCP.

*(Please note that a publication of your data will **not** be possible if this box is not ticked.)*

- ☒ I agree that the filled-in template should be sent via e-mail to NCP offices in other countries so that they may circulate my offer among their national stakeholders.

Instructions

1. Fill in the form if you are
 - a. looking to join a consortium for a call in Horizon Europe Cluster 4 or one of the associated Joint Undertakings and would like to offer your organisation's expertise
 - OR
 - b. looking for a partner with specific expertise to join your consortium for a call in Horizon Europe Cluster 4 or one of the associated Joint Undertakings.
2. Check any or all of the boxes under "Declaration" so that we know how you would like us to distribute your offer.
3. E-mail the filled-in template to the Cluster 4 NCP office in your country* to have it published on our website and/or distributed to our NCP colleagues in other countries

* You can find the contact details of your digital NCP on our website: <https://www.ideal-ist.eu/representatives>. You can also find all officially nominated Cluster 4 NCPs on the Funding and Tenders Portal and use the filter function to find your country's NCP: [List of Cluster 4 NCPs on the Funding & Tenders Portal](#).