

Partner Offer

Date of Submission: 02.09.2026

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-03

Description of your expertise / the expertise you are looking for

(up to 1000 characters)

IDLab (imec & Ghent University) offers to lead the decentralised data pillar of this topic: (i) decentralised & federated data management and querying across heterogeneous, autonomous sources; (ii) data quality across distributed datasets feeding AI pipelines; (iii) transfer-volume optimisation across the edge-cloud-HPC continuum; (iv) privacy- and policy-aware data access, building on our leading role in the Solid ecosystem, W3C standards and Knowledge Graph technologies (RDF, SPARQL), aligning with Common European Data Spaces. Evidence: Comunica, a widely adopted open-source federated query engine (45k weekly downloads); projects SolidLab Flanders (lead), FRACTION (FWO), Scholarly Communications in the Decentralized Web (Mellon Foundation). Sought: consortium with experienced RIA coordinator, committed edge/cloud/HPC infrastructure, and use cases in two domains. Envisaged role: WP leader, EUR 0.5-1.5M, via imec or Ghent University.

Keywords describing your expertise / the expertise you are looking for

(up to 10 key words)

decentralised data management; federated querying; data quality; privacy-preserving data access; Solid; knowledge graphs; RDF/SPARQL; W3C standards; data spaces; edge-cloud-HPC data optimisation

Organisation information

Name of your organisation:

IDLab - joint research group of imec and Ghent University

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: imec and Ghent University participate in numerous EU projects; team

examples: HOBBIT (EU), SolidLab Flanders (lead, 2022-2026), FRACTION (FWO, 2021-2024), Scholarly Communications in the Decentralized Web (Mellon Foundation, 2020-2022)

Website: <https://idlab.technology>

Description of your organisation or the consortium for which you need a partner:

IDLab is a joint research group of imec and Ghent University (Belgium) focusing on internet technologies and data science. The offering team, led by Prof. Ruben Taelman, specialises in decentralised knowledge graphs, federated query processing and Web-scale data management. Participation can be through either imec or Ghent University as legal entity, to be aligned with the consortium's needs.

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.