

Horizonte Europa – Cluster 4 Industry

Partner search

Your contact details

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Your organisation

Describe your organisation:	Técnicas Reunidas is a leading international engineering and construction company specializing in the design and execution of industrial facilities, particularly in the energy, oil and gas, petrochemical, and infrastructure sectors. With decades of experience and a strong global presence, the company is known for delivering complex, large-scale projects with a focus on technical excellence, safety, and sustainability.
Type of organisation:	Large corporation
List up to 5 keywords describing your sector or specialisation:	Decarbonization; Process-Electrification; Process integration; Circular economy; CCUs

Your experience

Have you already participated in an EU funded project?	Yes H2Shift Plastic2Olefins ISOP ECOTRON
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Your project idea

Reference of Call/topic of interest	INDUSTRY HORIZON-CL4-2026-01-MATERIALS-PRODUCTION-31: Efficient capture / purification / utilisation of CO ₂ for the production of competitive products (Processes4Planet partnerships) HORIZON-CL4-2026-01-CID-X1: R&I in Support of the Clean Industrial Deal: Decarbonisation of energy intensive industries
Your project idea: describe your project or idea, and how it contributes to the scope of the topic(s) you have identified.	<ol style="list-style-type: none"> 1. HORIZON-CL4-2026-01-CID-X1: <ol style="list-style-type: none"> a. Decarbonization of hard-to-abate sectors using PSA, vPSA, TSA with cutting-edge sorbents and MOFs in post-combustion streams. b. CO₂ purification technologies. c. E-fuels production with capture CO₂ and green hydrogen. 2. HORIZON-CL4-2027-02-MATERIALS-PRODUCTION-32: electrification of process furnaces and reactors for oil&gas, petrochemicals and chemical industries.
List up to 5 keywords describing your project idea:	Carbon capture, e-fuels, PSA, electrification, hard-to-abate sectors
<p style="text-align: center;"><i>Your offered expertise and contribution</i></p>	
Your offered contribution	TÉCNICAS REUNIDAS is a leading engineering company. We can contribute with engineering hours for process design and integration. Also we can invest some CAPEX to develop skids and small testing benches.
Your offered role (Coordinator, Work package leader or partner)	Work package leader Partner