

Search for a Spanish Partner for a Bilateral R&D Project

iTX	
Date of Request:	September 2026
Company name:	iTX
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SECTION 1: Entity launching the partner search

(Please give brief / to the point explanations. For more explanation on any point below, you may add a short paragraph as an annexure, with this document.)

Sector	Technology maturation, piloting, mineral processing, industrial scale-up and engineering.
Entity mission or core functions	iTX bridges research and industry by taking technologies from TRL 3 to TRL 7, with a focus on mineral-processing development, pilot validation, engineering and industrial scale-up.
Date of establishment	
Ownership (if public and traded, add stock exchange and ticker symbol)	Subsidiary of UM6P within the OCP ecosystem.
Total number of employees	50
Number of employees in R&D	20
Key products sold or services provided	Mineral-processing pilot testing, process engineering, technology maturation, process optimization, techno-economic assessment and industrial scale-up.
Entity core technical competences	Mineral processing, beneficiation, separation, hydrometallurgy, flotation, leaching, solid-liquid separation, process engineering, process modeling and simulation, pilot operation, techno-economic and environmental assessment and scale-up.

Key R&D programs and activities	iTX is setting up multi-purpose pilot infrastructure covering mining and process technologies, designed to validate technologies at pilot scale before industrial deployment. Through MineX and TechCell Engineering, iTX supports mineral-processing development and industrial scale-up.
Examples of accomplishments	iTX is setting up multi-purpose pilot infrastructure covering mining and process technologies, designed to validate technologies at pilot scale before industrial deployment. Through MineX and TechCell Engineering, iTX supports mineral-processing development and industrial scale-up.
Company strategic orientation	Accelerate the maturation and deployment of technologies improving mineral recovery, process efficiency, resource efficiency and the environmental performance of mining and mineral-processing operations.

SECTION 2: Spanish Company Profile

(Please provide a brief summary of the prospective partner company or organization. This summary may address some or all of the points below)

Profile of ideal technology partner	A technology developer, startup, industrial company or research organization with an innovative mineral-processing technology, ready to validate and scale up its technology at pilot level in relevant industrial conditions.
Core technological competencies and expertise	Mineral beneficiation and separation, flotation, leaching, hydrometallurgy, recovery of valuable elements, residue and by-product valorization, process intensification, process monitoring and industrial process optimization.
Other essential qualifications (e.g.: ownership, track records etc.)	The partner should be willing to share technical data and pursue joint industrial deployment.
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	N.A
If you are interested in collaboration: please specify details and other important information you want to share with a potential company	iTX is looking for partners to co-develop, pilot and scale up mineral-processing technologies for mineral recovery, process efficiency and residue valorization. iTX offers pilot infrastructure, mineral-processing and process-engineering expertise, testing, scale-up, techno-economic

	and environmental assessment and access to real industrial conditions.
Interested areas of collaboration	Mineral beneficiation and separation, recovery of valuable elements, hydrometallurgy, flotation, leaching, residue and by-product valorization, process intensification, and water and energy efficiency in mineral processing.
Specific R&D contribution you are seeking/offering	We are seeking partners with innovative mineral-processing technologies or know-how to test, adapt and validate at pilot scale. iTX offers pilot hosting and testing, mineral-processing expertise, process engineering, process modeling and simulation, techno-economic and environmental assessment and a pathway to industrial deployment. The collaboration can jointly define pilot CAPEX, equipment requirements and the scale-up pathway.

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