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

Programme	ESITIP joint call for R&D proposals in ICT
Search launched by	1 Spanish company 1 Egyptian industrial partner ☐ Spanish academic partner (University/Tech. center)

Remember that the eligible consortium for ESITIP programme requires one Spanish company and one Egyptian industrial partner. Spanish academic institutions are welcome to participate as self-funded or subcontracted by the Spanish company if an agreement is achieved.

Organization (launching this search)	
Date of Request:	2 April 2026
Company name:	TerraTech
Contact person and title/ designation:	CEO
E-mail:	contract@terratech-eg.com
Phone number:	+201011684961
Mobile number:	
Website:	https://contract@terratech-eg.com/

SECTION 1: Description of the institution launching this 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.)*	
Business Sector	GIS, Digital Transformation in Infrastructure, and Smart Cities
Company mission or core functions	To provide advanced geospatial and engineering solutions for infrastructure and energy sectors using GIS technologies, supporting smart cities and sustainable developmen
Date of establishment	2025
Ownership (if public and traded, add stock exchange and ticker symbol)	Private Company
Total number of employees	5 – 10
Number of employees in R&D	2 – 3
Key products sold or services provided	• S database development • Infrastructure mapping (Gas, Fiber, Electricity networks) • Surveying and spatial data analysis

	• Digital twin and mapping solutions • Technical office and as-built drawings •
Company core technical competences	• ArcGIS Pro, QGIS, ArcGIS Online • CAD & Civil 3D • GPS & Surveying technologies • Spatial database design • Network mapping and analysis •
Key R&D programs and activities	Development of AI-based GIS platform for utility network monitoring and risk prediction • Smart detection and analysis of gas and fiber optic network anomalies using geospatial data • Integration of GIS with IoT sensors for real-time infrastructure monitoring • Development of digital twin models for infrastructure and utility networks • Automated analysis of network encroachments using spatial AI techniques
Examples of accomplishments	• GIS systems for gas network projects • Infrastructure mapping and spatial analysis for large-scale projects • Participation in energy and infrastructure-related projects in Egypt •
Company strategic orientation	• To expand internationally, collaborate with global partners, and develop innovative GIS-based solutions for infrastructure and energy sectors.

SECTION 2: Partner of Interest *(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 Spanish company specialized in ICT, smart infrastructure, GIS platforms, or digital transformation solutions. •
Core technological competencies and expertise	• Smart city technologies • IoT integration with GIS • Network management systems (NMS) • AI in geospatial analysis •
Other essential	

qualifications (e.g.: ownership, track records etc.)	• Proven experience in international R&D projects • Strong technical background in ICT • Experience in EU-funded programs •
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	To be identified during matchmaking event To be identified during matchmaking event
Other details or important information	Open to long-term collaboration and technology transfer
Interested areas of collaboration	• AI-driven smart infrastructure monitoring systems • GIS-based fiber optic and utility network optimization • Real-time digital mapping and predictive analytics platforms • Integration of GIS with ERP, NMS, and IoT platforms for infrastructure management • Development of decision-support systems for utilities and smart cities
Specific R&D contribution sought	Development of AI algorithms for spatial data analysis and anomaly detection • Design and implementation of a GIS-based smart infrastructure platform • Integration of IoT data streams with geospatial systems • Development of predictive models for utility network risk assessment • Co-development of scalable cloud-based GIS architecture for infrastructure management

SECTION 3: Additional information about the possible collaboration *(Please feel free to share any information you want about the possible project/s in which you would like to collaborate with an institution in the other country. I.e: possible projects, main objectives, technological area, TRL to be achieved)*
AI-Driven GIS Platform for Smart Utility Network Monitoring and Predictive Infrastructure Management

Name: Eng. Mohamed Sabry **Date:** 2 April 2026 **Signature:**	**Seal:** TerraTech