

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

Programme	ESITIP joint call for R&D proposals in ICT
Search launched by	<input type="checkbox"/> Spanish company <input type="checkbox"/> Egyptian industrial partner <input type="checkbox"/> 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:	April 5 th , 2026
Company name:	AEPG
Contact person and title/ designation:	Aiman El Ramly CEO Sara Elelimy /Senior Engineer/BA
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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	AI/Energy
Company mission or core functions	
Date of establishment	2022
Ownership (if public and traded, add stock exchange and ticker symbol)	
Total number of employees	16
Number of employees in R&D	3
Key products sold or services provided	
Company core technical	<ul style="list-style-type: none"> ○ AI-Native Modular Architecture: Unlike legacy

competences	<p>systems with bolted-on AI, the platform uses a core AI engine for context-aware, role-specific insights across entire supply chains.</p> <ul style="list-style-type: none"> ○ Intelligence Ingestion & Integration: Advanced capabilities to normalize and ingest massive datasets (licensed, public, and enterprise) into a unified data layer for real-time analysis. ○ Lens-Shifting Analytics: Proprietary "lens-shifting" technology that allows users to view market data from the perspective of different stakeholders (e.g., regulator, investor, producer). ○ Explainable & Auditable AI: Focus on "System of Decision Record" where all AI-driven insights are traceable and supported by evidence for high-consequence markets.
Key R&D programs and activities	<ul style="list-style-type: none"> ○ Continuous Market Scanning Agents: R&D into autonomous AI agents that continuously apply frameworks like PESTEL, SWOT, and Five Forces to qualitative and quantitative data. ○ Advanced Scenario Planning & Modeling: Developing simulation tools to model future market outcomes and geopolitical risks specifically for the energy and mining sectors. ○ Foundation Models: Focus on sovereign AI capabilities, particularly integrating regional languages and regulatory frameworks into its intelligence engine.
Examples of accomplishments	
Company strategic orientation	<ul style="list-style-type: none"> ○ Transition to Sustainable Markets: Aiming to become the global partner for responsible and inclusive market transitions, balancing profitability with ESG and community stewardship. ○ Global Scaling: Expanding from Egypt into broader European and North American markets as a "force multiplier" for enterprise intelligence.

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	<ul style="list-style-type: none"> ○ A Spanish ICT or energy-tech company with deep expertise in grid management, renewable energy systems, or Industry 4.0 automation. Ideally, a partner that handles physical energy infrastructure or high-level
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	industrial IoT data.
Core technological competencies and expertise	<ul style="list-style-type: none"> ○ Expertise in Embedded Systems, IoT Integration, or Cloud Infrastructure that can complement Nexsun's AI intelligence layer. Experience in smart grid optimization or carbon credit tracking is highly desirable.
Other essential qualifications (e.g.: ownership, track records etc.)	
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	
Other details or important information	
Interested areas of collaboration	Energy Management & Decarbonization: Jointly developing AI-driven energy management platforms
Specific R&D contribution sought	<ul style="list-style-type: none"> ○ Provision of real-time industrial data streams or edge computing capabilities to test and refine Nexsun's AI agents in a European market context. ○ Collaboration on a joint pilot project for Smart Clean Energy solutions that integrate Spanish hardware/IoT with Nexsun's AI analytics.

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)

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Name: sara elelimy Date: April 5 th 2026 Signature: sara elelimy	Seal: n/a
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