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

Programme	ESITIP joint call for R&D proposals in ICT
Search launched by	☐ Spanish company ☒ 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:	March 2026
Company name:	Microhard for Technological Development
Contact person and title/ designation:	Sayed Hashem Hassan CEO
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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	Information Technology – Educational Technology (EdTech) – Artificial Intelligence – Digital Transformation
Company mission or core functions	To develop advanced AI-powered digital platforms that support education, tourism, ERP systems, and digital transformation across global markets.
Date of establishment	2000
Ownership (if public and traded, add stock exchange and ticker symbol)	Privately owned company
Total number of employees	8
Number of employees in R&D	1
Key products sold or services provided	• AI-powered educational systems

	- ERP solutions - Tourism digital platforms - POS systems - Government digital solutions
Company core technical competences	- Artificial Intelligence integration - Laravel & Flutter development - Cloud-based system architecture - API integration - Database systems - Digital platform development
Key R&D programs and activities	- AI-based adaptive educational systems - Smart tourism systems - Intelligent data analytics platforms
Examples of accomplishments	- Development of integrated ERP systems - Development of POS platforms - Advanced Laravel-based platforms - Multi-language digital systems
Company strategic orientation	To expand globally in AI-driven digital education platforms and export Egyptian-developed technology to European and international markets.

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 technology company specialized in Artificial Intelligence, Learning Analytics, NLP, or Adaptive Learning

	Systems, with strong R&D capabilities and experience in EU-funded innovation projects.
Core technological competencies and expertise	• AI algorithms optimization • Natural Language Processing (NLP) • Knowledge Graph modeling • Adaptive learning engines • Educational data mining
Other essential qualifications (e.g.: ownership, track records etc.)	• Experience in EU R&D projects • Strong research background • Proven track record in educational technology
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	• Development of AI Curriculum Parsing Engine • Cross-country curriculum mapping • Adaptive learning algorithm research • Multilingual AI educational systems
Specific R&D contribution sought	• Joint development of AI-driven adaptive engine • Research in predictive academic analytics • Optimization of personalization algorithms • Knowledge graph research and implementation

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)

The proposed project aims to develop a Global Adaptive AI Curriculum Platform capable of:

- Automatically analyzing official school curricula from different countries
- Mapping learning objectives into structured knowledge graphs
- Creating adaptive learning pathways based on student performance
- Supporting multiple educational systems and languages

The project will target global markets including MENA, Europe, and Africa.

The expected outcome is a scalable AI-powered educational platform ready for international commercialization

Name: sayed hashem hassan
Date: 3-3-2026
Signature:

Seal: