

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:	02 March 2026
Company name:	Qurtuba Talks Global
Contact person and title/designation:	Eng. Mostafa Saeed – Founder & Enterprise Transformation Director
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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	Digital Transformation, Industry 4.0, Smart Manufacturing, Artificial Intelligence, Enterprise Systems Integration (ERP), and Industrial ICT Platforms.
Company mission or core functions	Qurtuba Talks Global is a system integrator and digital transformation firm focused on enabling industrial and public sector organizations to transition into intelligent, AI-enabled enterprises. The company combines ERP modernization, smart manufacturing architecture, AI-driven analytics, and digital governance frameworks to deliver scalable Industry 4.0 transformation programs. In addition to integration services, the company is developing proprietary ICT platforms to accelerate industrial digitalization and optimize smart factory solution design.
Date of establishment	2024

Ownership (if public and traded, add stock exchange and ticker symbol)	Privately owned company.
Total number of employees	2 core senior team members. / 1 Sales Consultant
Number of employees in R&D	1+ dedicated R&D resource focused on AI algorithms, industrial digital platforms, and smart factory innovation. The company also leverages strategic technical partnerships for expanded R&D collaboration.
Key products sold or services provided	• Industry 4.0 Transformation & Road mapping • Smart Industry Readiness Index (SIRI) Assessment • AI Maturity Readiness Index (AIMRI) Assessment • Smart Factory Architecture Design • MES & ERP Integration • AI-driven Predictive Maintenance • Industrial Data Intelligence Platforms • Digital Governance & Transformation Strategy
Company core technical competences	• Enterprise Architecture (IT/OT convergence) • Industrial IoT Integration • AI/ML Applications for Industrial Optimization • Cloud-native ICT platform design • Data modeling & advanced analytics • Smart manufacturing ecosystem integration
Key R&D programs and activities	1 Development of an AI-powered Industry 4.0 Digital Matching Platform connecting vendors, architects, and industrial customers. 2 Design of Smart Factory Architecture Automation Engine to recommend optimized integrated solution stacks. 3 AI-driven Predictive Maintenance Framework for industrial asset optimization. 4 SAP Smart Support & Governance Platform for intelligent ERP lifecycle management.
Examples of accomplishments	- Consulting Services
Company strategic orientation	To position Qurtuba Talks Global as a regional leader in AI-driven industrial digital platforms and smart manufacturing system integration, expanding through EU–Egypt collaborative R&D initiatives and commercialization into GCC and EU 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 ICT company with strong expertise in: • Artificial Intelligence and Machine Learning • Cloud-based platform engineering • Big Data & analytics • Industrial IoT integration • Digital twin technologies Experience in EU R&D collaboration programs is highly desirable.
Core technological competencies and expertise	• AI algorithm development (matching engines & optimization models) • Scalable cloud-native platform architecture • Advanced data modeling and analytics • Secure API & interoperability design • Industrial systems integration
Other essential qualifications (e.g.: ownership, track records etc.)	• Proven industrial deployment track record • Experience in EU-funded projects • Strong R&D documentation capability • Willingness to co-develop intellectual property • Commercialization readiness
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	• AI-driven Industry 4.0 marketplace platform • Smart factory architecture automation • Industrial data intelligence systems • ERP–IoT–AI integration frameworks • Cross-border digital industrial ecosystems
Specific R&D contribution sought	• AI matching engine development • Optimization algorithms for smart factory design • Cloud infrastructure and cybersecurity architecture • Platform scalability and performance optimization • Joint pilot deployment in industrial environment

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)

Proposed Project Title

AI-Enabled Industry 4.0 Digital Ecosystem & Smart Factory Architecture Platform

Project Objective

To develop an intelligent digital platform that connects industrial customers, technology vendors, and system integrators using AI-driven matching algorithms and automated smart factory architecture design tools.

The platform will:

- Assess industrial digital maturity
- Analyze operational requirements
- Recommend optimized solution stacks
- Generate ROI-based transformation roadmaps
- Support commercialization across EU and MENA markets

Technological Area

- Artificial Intelligence
- Industrial IoT
- Data Analytics & Decision Intelligence
- Cloud ICT Platforms
- Smart Manufacturing Systems

Current TRL

TRL 3–4 (Concept validation and framework development completed).

Target TRL

TRL 7–8 (Pilot validation in operational industrial environment with commercialization readiness).

Expected Impact

- Reduced transformation risk for industrial SMEs
- Accelerated Industry 4.0 adoption
- Strengthened EU–Egypt R&D collaboration
- Creation of scalable digital industrial platform for international markets

Name:**Date:****Signature:****Seal:**