

Partnering Opportunity

Profile Status: Published

Research & Development Request

Fast Track to Innovation: looking for an R&D institute or university for developing an innovative solution for automotive manufacturing industries

Summary

A Spanish SME is leading a project proposal to the next Fast Track to Innovation programme call. The project aims to develop a new concept of a "Manufacturing Execution System" solution, based on an innovative solution for the data capture in manufacturing industries of the automotive sector, which will improve the decision making process of the companies. The consortium is looking for R&D institutes or universities with advanced knowledge in Industrial Internet of Things (IIoT) communications.

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Details

Description

A Spanish SME develops hardware and software solutions for improving the decision making processes in companies. Their innovative solutions are universal and rapidly installable hardware and software equipments designed for the data capture of almost any machine in production lines of any manufacturing industry.

The company is preparing a project proposal to the next Fast Track to Innovation programme call. The project main objective is to develop a new concept of a "Manufacturing Execution System" solution, based on an innovative solution for the data capture in manufacturing industries of the automotive sector.

The current consortium partners include:

- the Spanish SME, which will be coordinating the project
- an important European OEM car manufacturer
- a French SME specialised in secure communications

The consortium is looking for an R&D institute or a university, with advanced knowledge in IIoT (Industrial Internet of Things) communications for the manufacturing automotive industrial sector. Its main tasks would be to improve the current hardware and software, especially in the IIoT aspects, with the latest available technologies.

Due to the Fast Track to Innovation programme characteristics, the company will not evaluate any French or Spanish candidates for this project proposal.

Official deadline for the call: 23/05/2019.

Deadline for expressions of interest: 30/04/2019.

Anticipated duration of the project: 2 years.

Advantages and Innovations

The production lines of industrial companies are very heterogeneous, with machines of different manufacturers, models, generations and different data capture technologies. Due to this heterogeneity, the bespoke solutions for data capture are very expensive and are difficult to implement.

The developed solution will allow users to install data capture in their plants, in a faster and cheaper way. It will go beyond the concept of a project, to selling a standard product.

Stage of Development

Prototype available for demonstration

Keywords

Technology

01001001	Automation, Robotics Control Systems
01002004	Embedded Systems and Real Time Systems
01003014	Internet Technologies/Communication (Wireless, Bluetooth)
01004008	ERP - Electronic Resources Planning
01004010	Quality Management System

Market

01004007	Network test, monitoring and support equipment
02007011	Manufacturing/industrial software
02007024	Programming services/systems engineering

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI : **Yes**

Dissemination

Relevant Sector Groups

Automotive, Transport and Logistics
ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

0

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

- Type of partner sought:
R&D institute or university
- Specific area of activity of the partner:
Hardware and software design, including IIoT communications. Experience in the automotive sector will be appreciated.
- Task to be performed:
The R&D organisation will be involved in improving the current hardware/software devices, using the latest technologies, with special emphasis in IIoT communications for the manufacturing automotive industrial sector.
- EU / International project experience:
Previous EU projects experience is compulsory.

Type and Size of Partner Sought

University, R&D Institution

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

Innovation in SMEs

Call title and identifier

FTI – Fast Track to Innovation (call 23/05/2019)

Submission and evaluation scheme

Single stage

Anticipated Project Budget

4 - 5 M €

Coordinator Required

No

Deadline for EOI

30 Apr 2019

Deadline of the Call

23 May 2019

Project Duration

104 week(s)

Weblink to the Call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/eic-fti-2018-2020;freeTextSearchKeyword=FTI;typeCodes=0,1;statusCodes=31094501,31094502;programCode=null;programDivisionCode=null;focusAreaCode=null;crossCutt>