

Partnering Opportunity

Profile Status: Published

Research & Development Request

Looking for partners for Fast Track to Innovation or collaborative projects in fire fighting

Summary

An Italian company has developed an integrated system (software solution), that is easily customizable depending on type and size of the client, for fire management and monitoring in real time, currently under development in SME instrument Phase I. The Italian company is interested in finding partners with whom to develop case studies in real time conditions through research and development agreements, by submitting proposals under Fast Track to Innovation scheme or collaborative projects.

Creation Date	15 November 2019
Last Update	15 November 2019
Expiration Date	16 January 2020
Reference	RDIT20191114001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/1762c61c-0b37-400d-b522-e9c80d75f44e

Details

Description

An Italian company having own headquarter in Italy, with experience in combining research in the field of ICT with applications for aerospace, engineering solutions and civil protection, has developed, together with some research institutes, an integrated system for fire management and real time monitoring.

The system allows, thanks to an exchange and communication with Satellites, to have real time data for monitoring fires and territories, with the aim to support decision makers in better performing tasks related to prevention and management of fires.

The system is particularly suitable for decision makers, government bodies, civil protection organisations and all those subjects involved in the area of fire prevention and management.

The system is customizable depending on size and needs of the client, from national level to municipal level, this frequently depends on the model and rules adopted for fire prevention and management.

The project is currently funded under SME instrument Phase I and company is interested in finding partners to test the system through research cooperation agreements, in an integrated process, in order to better understand how to deal with the entire data flow and maximise the result, by submitting a joint project under Fast Track to Innovation scheme (could either be collaborative projects).

Organisations interested can answer individually or representing a whole group or subjects dealing with fire fighting in the same region or country (i.e. company and research centre from specific country, dealing with fire prevention and management).

Advantages and Innovations

The Italian company developed an integrated system, together with two research organisations, aimed at detecting and monitoring forest fires and simulating the fire front evolution in real time, and allow decision makers proceed with further steps in the fire management plan.

The system includes:

- Hot-spot detection and early warning system;
- Real time monitoring (through satellite and sensor measured in situ data fusion);
- Decision support system;
- Customization of offer/product, depending on need related to civil protection, national rule and thematic area.

Stage of Development

Prototype available for demonstration

IPR Status

Exclusive Rights

Keywords

Technology

01003006	Computer Software
01006008	Satellite Technology/Positioning/Communication in GPS
02011004	Satellite Navigation Systems
02011005	Space Exploration and Technology
10001003	Fire Safety Technology

Market

01005001	Satellite services/carriers/operators
01006001	Defence communications
02006004	Data processing, analysis and input services
02007022	Software services

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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Open for EOI : **Yes**

Dissemination

Relevant Sector Groups

Aeronautics, Space and Dual-Use Technologies
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

No.

Languages Spoken

English
Italian

Client Country

Italy

Partner Sought

Type and Role of Partner Sought

The company is looking for organisations that could act as testers for the system and application, possibly in a complementary line with respect to local level management of fires; in particular the Italian company would be interested in having country case testers through research cooperation agreements to be performed under H2020 project presentations, especially Fast Track to Innovation projects or collaborative projects. The collaboration may also be in the form of technical cooperation under EIC Pilot (ex SME instrument Phase II).

Type and Size of Partner Sought

SME 11-50

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

H2020

Call title and identifier

Fast Track to Innovation (FTI Innovation Action)

Submission and evaluation scheme

Innovation Action

Coordinator Required

No

Deadline for EOI

16 Jan 2020

Deadline of the Call

19 Feb 2020

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>