

**Profile Status: Published** 

## **Technology Request**

# Alternative to GSM (Global System for Mobile Communications) is sought for online tracking application

## **Summary**

A Spanish (Catalan) company comercializing an innovative solution for running races management seeks a solution to decrease its GSM costs and make their product more competitive. Their timing technology currently relies on GSM and they are looking for decreasing the costs using a reliable technology to provide their customers a more competitive tool. They are looking for a commercial agreement with technical assistance or a technical agreement with a company able to provide a more accurate tool.

Creation Date08 February 2018Last Update15 February 2018Expiration Date15 February 2019ReferenceTRES20180131001

Public Link https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/a62295e4-6029-

44ee-be78-22815eb6b66e

#### **Details**

#### **Description**

A Catalan company located in Barcelona is currently offering a global solution to manage races providing an online platform for inscriptions, results and live tracking. Participants detection is based on Standard NFC (Near Field Communication) capable smartphones or RFID ( radio frequency identification) detectors. Each runner wears a NFC/RFID tag allowing tracking and generating the final ranking of the race. These NFC/RFID wearable detectors need to be connected to internet to send data. Currently they use GSM network (Global System for Mobile Communications) but they would like to find a more accurate technology to avoid unneeded data ( plans, calls), overcome fleets managements issues and decrease costs. The catalan company is not looking for deploying its own network but using existing solutions to allow data comunications between detectors and internet. They are looking for a comercial agreement with technical assistance with a company able to provide an existing device easy to adapt to their needs. They are open to a technical cooperation agreement with an device provider company able to design an accurate solution matching their needs.

**Technical Specification or Expertise Sought** 

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The catalan company is looking for a technology to provide its clients a more accurate way to track race participants. They are interested in reliable detectors and sensors able to provide tracking and timing datas cheaper than the currently used GSM (Global System for Mobile Communications) network.

The company should be able to provide the device matching the catalan company needs in a short term delivery.

## **Keywords**

**Technology** 

01006003 Mobile Communications

01006005 Network Technology, Network Security

01006008 Satellite Technology/Positioning/Communication in GPS

Market

01002002 Telephone interconnect and other equipment

01002004 Other telephone related 01004001 Local area networks

01004002 Data communication components

01004006 Other data communication components

**NACE** 

J.63.9.9 Other information service activities n.e.c.

#### **Network Contact**

#### **Issuing Partner**

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

#### **Contact Person**

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Open for EOI: Yes

Ref: TRES20180131001

European Cammission



#### **Dissemination**

#### **Send to Sector Group**

Materials

#### Client

#### Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

0

**Already Engaged in Trans-National Cooperation** 

No.

Languages Spoken

English Spanish

**Client Country** 

Spain

## **Partner Sought**

#### Type and Role of Partner Sought

The partner sought is a device provider or designer able to provide a more competitive solution than the currently used GSM (Global System for Mobile Communications) for time tracking.

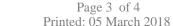
Tha catalan company is open to a commercial agreement with technical assistance if the products is already on the market and need some changes to match the final customer needs.

They are open to a technical cooperation agreement if the the development of an accurate solution recquires a short time development.

#### Type of Partnership Considered

Commercial agreement with technical assistance Technical cooperation agreement

#### **Attachments**



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