

## Technology Request

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

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### Summary

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*A Spanish (Catalan) company commercializing 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.*

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<b>Public Link</b>	<a href="https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/a62295e4-6029-44ee-be78-22815eb6b66e">https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/a62295e4-6029-44ee-be78-22815eb6b66e</a>

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### Details

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#### 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 communications 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

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.

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## Keywords

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### 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.
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## Network Contact

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### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

### Contact Person

Hubert Dyba

### Phone Number

48 91 449 43 90

### Email

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**Open for EOI :**    **Yes**

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## Dissemination

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### Send to Sector Group

Materials

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## Client

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### 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

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## Partner Sought

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### 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.

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

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

### Type of Partnership Considered

Commercial agreement with technical assistance  
Technical cooperation agreement

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## Attachments

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