

Technology Request

A Greek company is looking for a company from abroad to supply or co-develop an electronic sensor for waste bin fullness monitoring.

Summary

A Greek SME company, established in 2009 and activated in the environmental sector, seeks for technological support (Technical cooperation agreement) to obtain an electronic sensor for monitoring the level of waste into a bin. The Greek company is looking for a technological company to supply or commonly develop an electronic system of sensors for the monitoring of the fullness, temperature and position of waste bins.

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Details

Description

The Greek SME company, established in 2009, is activated in the environmental sector with a large clientele in the private and public sector. It provides integrated environmental solutions according to the needs of the customer.

Investigating the current needs of the Greek market and with an innovative approach, it seeks for technological support to obtain an electronic sensor for monitoring the level of waste into a bin. The Greek company is looking for a technological company or a company from abroad to supply or commonly develop an electronic system of sensors for the monitoring of the fullness, temperature and position of waste bins. The sensors should be able to operate into an integrated IT system for the optimized management of municipality waste collection.

Technical Specification or Expertise Sought

The Greek company is looking for a proper system of sensors for the monitoring of the fullness of waste bins. The system should be able to work in harsh environmental conditions. The technology to be used should be autonomous and affordable. Furthermore, the sensors should be easily connected to an optimized management system of municipality waste collection. The sensors should be able to measure:

- waste bin volume data,
- temperature,
- positioning of the bins and data transfer to the management system

In addition, card management (or any other solution) of the bin opening, identification and recording of the waste amount of the user / citizen.

Stage of Development

Concept stage

Keywords

Technology

01003023	Environmental and Biometrics Sensors, Actuators
06005002	Sensors & Wireless products
09001009	Sensor Technology related to measurements
10002010	Remote sensing technology

Market

08002002	Industrial measurement and sensing equipment
08004003	Water treatment equipment and waste disposal systems

NACE

E.38.1	Waste collection
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Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI : **Yes**

Dissemination

Send to Sector Group

Environment

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

2009

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

Greece

Partner Sought

Type and Role of Partner Sought

A manufacturing or technological company is sought for the supply or common developing of the electronic sensor waste bin fullness monitoring and management system.

In case that no manufacturing company could provide the electronic sensors system, the Greek company could move into the common development, common research, and common commercial exploitation of such a system.

In both cases, a technical cooperation agreement is sought.

Type and Size of Partner Sought

SME 11-50,SME <10,251-500,SME 51-250

Type of Partnership Considered

Technical cooperation agreement

Attachments
