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.

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:

Summary

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

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.
• 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

Network Contact

Issuing Partner
ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

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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