



Co-operation profile details from Enterprise Europe SEIMED

RDES20141124003 - H2020-GV-8. Transport Fast Charging Equipment for Electric Vehicles

Research partner request REQUEST

Abstract

A Spanish SME is willing to submit a H2020-GV-8 project proposal. The aim of this project is to develop a fast charging equipment for electric vehicles in order to reduce costs and enhance sustainable mobility. Experts in electronic power devices, information software and energy storage equipment are being sought.

Description

The project aims to develop fast charging equipment (a less than fifteen minutes charging time battery) for electric vehicles with a low contracted energy power (such as 3.7 kW) which will represent an important reduction in the power regular fixed costs. A compatible energy storage system will be used to accumulate the energy while the charger is not in service and then supply this energy to the vehicle when required.

The energy will be stored in recycled vehicle batteries which are still operative but have ended its service life. The energy has to be transmitted to electric vehicles with the features required which thus will be acquired with an electronic power device. Users will have the installed Fast Charging LC accumulated capacity information using any device connected to an information cloud (such as PC, tablet or mobile), which thus will contain real time information of every Fast Charging equipment measured and processed.

This new fast charging equipment will represent an important competitive advantage for potential customers who want to invest in sustainable mobility but cannot afford regular fixed costs.

Electric vehicles' enhanced performance and integration into the transport system and the grid (RIA)

Call deadline: 15/10/2015

Deadline for EoI: 11/09/2015

Target partner expertise sought:

- Specific area of activity of the partner: There are 3 types of partner sought. Please select type of partner A, B or C on your Expression of Interest (EoI).

A. Expert in electronic power devices:

- Responsible for developing an electronic power device, being capable of transmitting to the vehicle the energy stored in batteries with the required electric vehicles characteristics.

B. Expert in information software:

- Responsible for developing an information software which measures and processes the accumulated capacity of all the Fast Charging LC installed, allowing users and customers to know this information from any device connected to an information cloud (such as PC, tablet or mobile) in real time.

C. Expert in energy storage equipment:

- Responsible for developing energy storage equipment with recycled batteries from electric vehicles which have ended its useful life.

Key information:

Country of origin: SPAIN

Listed under: Manufactura Industrial \ Otras Tecnologías Industriales \ Energía \ Transport on Land \ Industria

Profile created on: 01/12/2014

Last updated: 12/12/2014

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