

Portuguese services SME is looking for a partner to develop an application for measuring and control of the consumption of electricity, gas and water to improve efficiency in its costumers.

Summary

Profile type	Company's country	POD reference
Technology request	Portugal	TRPT20230412010
Profile status	Type of partnership	Targeted countries
PUBLISHED	Commercial agreement with technical assistance	• World
Contact Person	Term of validity	Last update
Rita Elste - Tomsone	12 Apr 2023 11 Apr 2024	12 Apr 2023

General Information

Short summary

PT SME with knowledge of the Portuguese market, experience in measuring electricity consumption and in the gas business, is willing find an Artificial Intelligence partner to develop an application to make remote analysis and rationalization of electricity, gas and water, to apply in domestic and tertiary equipment of its customers under a commercial agreement with technical assistance.

Full description

Portuguese SME created in 2009, located in the north of Portugal, Oporto, has knowledge of the PT market, experience in measuring electricity consumption and experience in the gas business. This company has customers, with experience in energy distribution and retail, with more than 5m end customers in Portugal, who intend to use this technology on a large scale, namely producers/distributors of electricity, gas and water, as well as retail and telecommunications, wanting to optimize consumption and price. Now this is a limited liability company but having CAE (commercial identification code) in several business areas, such as energy, real estate, and equipment sales at national level.

The SME is looking for a partner to develop a platform/ application for measuring the consumption of electricity, gas and water by domestic and tertiary equipment, willing to a commercial agreement with technical assistance (to invest together, as well as to analyze proposals by potential interested parties; buying a license is also possible).

The innovation sought is the development of a digital technology making possible to measure electricity, gas and

water consumption, by flowmeters or other equipment that analyze consumption in the various aspects of consumed items. The company intends to carry out 3 platforms and/or individual applications (application development and equipment associated with measurement) for each of the areas (electricity, gas and water). The project is at an early stage but is being negotiated with a company in the field to integrate it, in the development area of the platform and respective applications.

Advantages and innovations

This product/service has as its greatest innovation, the provision of a platform/application that, when applied to the customer, allows the analysis of their consumption, by type of equipment and type of energy and, following this analysis, allows suggesting improvements in the sense of reducing of said consumption. Being a non-intrusive product and service (does not change the customer's electrical, gas or water networks) it allows for a quick, efficient and low-cost installation. The business model is based on a proposition of value-added services, where a monthly/semi-annual/annual fee is charged for each active contract.

Technical specification or expertise sought

A software solution to measure and control electricity, gas and water consumption in houses or in services installations, in accordance with European legislation.

Stage of development

Under development

IPR Status

IPR applied but not yet granted

Sustainable Development goals

• **Goal 7: Affordable and Clean Energy**

Partner Sought

Expected role of the partner

Companies or research and development centers that, together with the PT SME, will develop the platforms and applications necessary for the advertised product/service.

Type of partnership

Commercial agreement with technical assistance

Type and size of the partner

- **R&D Institution**
- **SME 11-49**
- **SME 50 - 249**

Dissemination

Technology keywords

- **04002013 - Smart grids**

Targeted countries

- **World**

Market keywords

- **02006004 - Data processing, analysis and input services**
- **02007016 - Artificial intelligence related software**

Sector groups involved

- **Energy-Intensive Industries**
- **Renewable Energy**