

An Italian company working in the area of selective waste collection and the circular economy is looking to join consortia intending to participate in European Calls covering the above sectors.

Summary

Profile type	Company's country	POD reference
Research & Development Request	Italy	RDRIT20220630015
Profile status	Type of partnership	Targeted countries
PUBLISHED	Research and development cooperation agreement	• World
Contact Person	Term of validity	Last update
Irene LUPIS	30/06/2022 30/06/2023	30/06/2022

General Information

Short summary

An Italian company has been operating successfully for over 10 years in the area of waste collection, dealing in the trade of waste management equipment, ecological consultancy and the development and processing of waste collection data. The company wishes to join consortia intending to participate in European calls (e.g. H2020, Life,..) of waste management and the circular economy to contribute its expertise and test new solutions through a research cooperation agreement.

Full description

The Italian company is a green market focused company, supplying a wide range of products for the whole waste recycling industry. It develops a full set of products and ICT solutions for municipalities' waste management needs and the circular economy industry.

Among their products, there are also software-based ICT solutions in the waste management field, a barcode/RFID (Radio Frequency Identification) based system and an advanced fleet management system, which allow customers to trace the whole lifecycle of waste.

The company sets up activities for its customers to easily start up and manage their waste streams. It owns

technological and scalable systems that constantly monitor and track waste streams coming from household curbside collection and/or municipal recycling centers. In addition to the production of specific software, it also validates solutions and creates test environments as well as demos on developed products and specialised platforms. The company offers innovative products, customisation of products and services, technical support and specialised consultancy. For better performance in the use of its software, the company trains staff in the use of the platforms and systems it has developed for waste monitoring and customises already developed environments according to the customer's needs and requirements.

The systems they have already developed are already being used by many customers to record and monitor the recycling activities of citizens and companies.

In the last two years, the separate collection market and the main public and private clients have expressed the need to obtain an updated and constant information flow regarding the separate collection and recycling activities that take place in their urban areas.

Specifically, the need has arisen to create an electromechanical access control system that would be able to limit, control and record access and/or use of containers and areas used for recycling activities. It is for this reason that the company has now developed a system capable of responding to this request by creating a hardware system for waste delivery.

The company is looking to join consortia intending to participate in European R&D projects on the Circular Economy and on Technological Innovation related to the Environmental and Recycling Industry (i.e. LIFE, Horizon Europe,..) through a research cooperation agreement.

Advantages and innovations

The company has the ability to develop software that can follow and support municipalities, municipal companies and private managers comprehensively in planning, controlling and measuring their collection service management plan. They offer innovative products, customization of products and services, technical support and specialized consultancy.

For better performance in the use of their software, they train staff in the use of the platforms and systems they have developed for waste monitoring, as well as customizing already developed environments according to the customer's needs and requirements.

The systems they have already developed are currently being used by many customers to record and monitor the recycling activities of citizens and companies.

Stage of development

Already on the market

IPR Status

IPR granted

Sustainable Development goals

- **Goal 11: Sustainable Cities and Communities**
- **Goal 6: Clean Water and Sanitation**

Partner Sought

Expected role of the partner

Participation in European R&D projects on the Circular Economy and on Technological Innovation related to the Environmental and Recycling Industry

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **SME <=10**
- **Big company**
- **Other**
- **R&D Institution**
- **SME 50 - 249**
- **SME 11-49**
- **University**

Dissemination

Technology keywords

- **10003004 - Recycling, Recovery**

Market keywords

- **02007022 - Software services**
- **02006009 - Other computer services**
- **09003005 - Consulting services**
- **09003007 - Other services (not elsewhere classified)**

Targeted countries

- **World**

Sector groups involved

- **ICT Industry and Services**
- **Environment**