



COOPERATION OFFER

GENERAL DESCRIPTION

Title Smart and portable devices for biochemical analysis

Summary

The Company, consisting mainly of IT engineers and biotechnology, has proven capabilities in the design and implementation of optical diagnostic devices for biological applications, integrated with IoT architectures and cloud services. The Company can offer its skills for strategic partnerships related to business (opening new markets and applications) and research (new technological approaches and solutions).

Description

The company established in 2014, based in the Engineering Department of the University of Parma (Parma, Italy) that implements and sells innovative solution for measuring chemical and biological parameters using optical devices integrated with smart and mobile technologies. The new technological platform that the company has developed consists of a new portable and modular diagnostic device that can perform a wide range of analysis for different sectors. The device is driven by an APP, extremely simple and intuitive, that can be downloaded directly on a tablet and manages the system, by guiding the user through the whole analysis process, tracking all data, updating the device automatically and providing a remote diagnostic service. The APP is connected to cloud services for secure data storage and tracking; the user can compare, process and share results in real time with his network. The platform offers a solution that make the system complete, smart and accessible to all users. The developed hardware technology (patent filed) lowers the cost of the diagnostic device which is one of the biggest problem of current technologies, keeps very high performance and allows a complete range of analyzes. The portability and the extreme simplicity of the system allows analysis anywhere, cutting down the waiting times for analysis responses. The software APP updates automatically the system and allowing remote diagnostic controls. Very important feature is represented by the powerful cloud platform that securely saves all analysis data in the user's private account in order to compare, process and data and results with his consultants or whoever he wants.

The system finds application in many fields: at the moment is developed for agrofood sector, in particular for food quality control analysis during the whole food production process. But the system can be developed for medical and vet sectors.

The Company is looking for technology partnership: the system developed can be used/acquired by third parties for specific applications (in medical or veterinary areas) with a commercial agreement. Or to create a joint ventures to explore new markets and applications, where the company can offer the Hd and Sw technology and third parties can offers biochemical reagents for specific analysis.

From a business point of view, the company is looking for distributors all around EU.

Advantages and Innovations (min.50 characters, max. 2000 char.)



The platform is already developed for agrofood sector, where there are two main options for food quality controls: external or internal solution. The first one consists in sending the samples to specialized labs, with two limits: prohibitive costs and long response times that do not always guarantee efficient controls. Internal solutions represented by competitors, which in general offer a non-portable device, no smart data management, and extremely expensive for small business. The technology overcomes many of these limits, offering a high performance but affordable and complete device, simple in use with smart data storage and tracking.

Current Stage of Development*

<input type="checkbox"/> Under development /laboratory tested	<input type="checkbox"/> Field tested / evaluated
<input type="checkbox"/> Available for demonstration	<input type="checkbox"/> Prototype available for demonstration
<input checked="" type="checkbox"/> Already on the market	<input type="checkbox"/> Concept stage

Comments Regarding Stage of Development:

Intellectual Property Rights Status*:

<input checked="" type="checkbox"/> Patent(s) applied for but not yet granted	<input type="checkbox"/> Secret know-how
<input type="checkbox"/> Granted patents	<input type="checkbox"/> Exclusive rights
<input type="checkbox"/> Copyright	<input type="checkbox"/> Trade Marks
<input type="checkbox"/> Design rights	<input type="checkbox"/> Others (registered design, plant variety, etc.)

Comments Regarding IPR Status: (e.g. countries for which protection has been granted or applied for)

Preferred Countries for Dissemination:

DETAILS OF YOUR OWN ORGANISATION/COMPANY

Type* Industry R&D Institution University Private Inventor

Other: please specify

Comments:

Organisation/Company Size* (please tick one box) < 10 employees 11-50 employees

51-250 employees 251-500 employees > 500 employees

Year Established:

Turnover (only for business profiles): < 1 mio 1 – 10 mio

10 – 20 mio 20 – 50 mio 50 - 100 mio

Already Engaged in Trans-National Cooperation Yes No

Experience Comments:

Certification Standards:

Languages Spoken:

COLLABORATION DETAILS

Type of partnership considered:

Technology Offers

- Commercial Agreement with technical assistance (an agreement arranging the acquisition of a product/technology paired with the provision of a number of services in support of a transfer of technology)
- Joint Venture Agreement
- License Agreement
- Technical co-operation agreement
- Research co-operation agreement

Business Offers

- Distribution services agreement
- Acquisition agreement
- Franchise agency agreement
- Manufacturing agreement
- Outsourcing agreement
- Subcontracting
- Financial agreement
- Services Agreement

Type and Role of Partner Sought*:

- Type of partner sought (*such as industry, academy, research organisation*):
The company looks for industry or academic partnership.
- Specific area of activity of the partner (*example: manufacturer/distributor/user/disposal of plastic packages etc.*)
The company can develop a partnership with distributors to explore new markets and applications, or with R&D / research organization to implement new technological approach.
- Tasks to be performed by the partner sought: What expertise/ tasks do you expect from the partner?
Depending on the partner and goals.

Size and Type of Partner Sought (e.g. industry, research): No limit in size of partners

Additional information (pictures)



CONTACT

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