***Please email the completed questionnaire, which must be filled out in full, to*** asse1fesr1420\_PCP@regione.lombardia.it ***by 10 November 2017***

***(One questionnaire to be completed for each innovation need/relevant field of research)***

**MARKET SURVEY FORM**

1. **General info**
2. Contact details

|  |  |
| --- | --- |
| First Name |  |
| Last Name |  |
| Job Title |  |
| Organization Name |  |
| Location (City, Country) |  |
| Email Address |  |
| Phone Number |  |
| Mobile Number |  |
| Website Address |  |

1. The answers relate to the following deficits and research fields (*insert an X in one section of interest)*:

|  |  |
| --- | --- |
| 1 | Evaluation of the fragility of the atherosclerotic plaque of coronary artery |
| 2 | Robotic exoskeleton for motor rehabilitation in neurological patients with upper limb motor deficit |
| 3 | Safe bronchial aspiration |

1. You have read the PIN and the descriptive material presented during the open market consultation.

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| --- | --- | --- |
| Evaluation of the fragility of the atherosclerotic plaque of coronary artery | <http://ted.europa.eu/udl?uri=TED:NOTICE:310381-2017:TEXT:IT:HTML&src=0>http://www.fesr.regione.lombardia.it/wps/portal/PROUE/FESR/Eventi/DettaglioEvento/appalti-pre-commerciale-2017 | ☐Yes ☐No |
| Robotic exoskeleton for motor rehabilitation in neurological patients with upper limb motor deficit | <http://ted.europa.eu/udl?uri=TED:NOTICE:310393-2017:TEXT:IT:HTML&src=0>http://www.fesr.regione.lombardia.it/wps/portal/PROUE/FESR/Eventi/DettaglioEvento/appalti-pre-commerciale-2017 |  ☐Yes ☐No |
| Safe bronchial aspiration | <http://ted.europa.eu/udl?uri=TED:NOTICE:310395-2017:TEXT:IT:HTML&src=0>http://www.fesr.regione.lombardia.it/wps/portal/PROUE/FESR/Eventi/DettaglioEvento/appalti-pre-commerciale-2017 | ☐Yes ☐No |

1. **Company Information**
2. Your company is a:

☐ manufacturer, ☐ designer, ☐ developer, ☐ system integrator, ☐ business process outsourcer,

☐ other (please specify)……….

1. Do you rely on any partner for the products/component of your solution? ☐Yes ☐No

(if yes, please specify)

1. What is the approximate annual turnover of your company (in euros)? EUR ……………………………..
2. How much is the yearly investment for R&D? EUR……………………………………………………………………..
3. For how many years has your company been trading? ……….
4. In which EU countries does your company supply products or services? ……………..
5. **Product Information**
6. Provide a brief description of your commercialized solution (free text, 2000 char max)

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1. Provide a brief description of the innovative aspects of your solution, if any (2000 char max)

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1. **How** does your solution match the following functional requirements? Provide key numerical indicators wherever possible. (*Please select the requirements for the relevant innovation need*):

|  |  |
| --- | --- |
| **Functional Requirements** | **How your solution matches requirements (500 char)** |
| **Innovation need 1\_Evaluation of the fragility of the atherosclerotic plaque of coronary artery** |  |
| 1. Must allow an evaluation to be made of the fragility of the atherosclerotic plaque of the coronary artery.
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| 1. Must return output in the form of a biometric image that enables an evaluation to be made of the fragility by displaying the morphology of the plaques and local inflammation. The image should reference several parameters (density, heat, new tracers ...)
 |  |
| 1. Must not be invasive for the patient
 |  |
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| **Innovation need 2\_Robotic exoskeleton for motor rehabilitation in neurological patients with upper-limb motor deficit** |  |
| 1. Must be specifically designed for upper-limb motor rehabilitation
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| 1. Must be specifically designed for the rehabilitative treatment of neurological patients
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| 1. Should be capable of generating forces and torque (as needed)
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| 1. Should be capable of measuring the forces and torque applied by the patient
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| 1. Should be capable of measuring biomechanical variables
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| 1. Should be capable of native integration with electrophysiopathological measurements
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| 1. Should be capable of native integration with TMS and tDCS
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| 1. Must be self-adaptive to the kinematic and biomechanical responses of the patient
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| 1. Must be self-adapting to the patient's functional recovery
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| 1. Must be self-adapting to the patient's electrophysiopathological activity
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| **Innovation need 3\_Safe bronchial aspiration** |  |
| 1. Must be safely usable by non-professional caregivers, in any environment and circumstance (e.g. in the park)
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| 1. Must be evidence based (e.g. use of sterile technique, complying with aspiration times and maximum pressures; materials should be suitable to restoration of appropriate hygienic and sanitary standards)
 |  |
| 1. Must minimize the incidence of complications arising from procedure
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| 1. Must reduce by 100% any complications caused by mechanical trauma arising from contact between the suction tube and tracheal mucosa
 |  |
| 1. Must reduce by 30% the risk of hypoxia-related occlusion of the tracheal lumen during the execution of the procedure
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| 1. Must reduce the risk of infection caused by contamination of the materials used for the procedure
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| 1. Must reduce the number of devices used to execute the procedure
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| 1. Must reduce by at least 30% the time needed to execute the procedure (currently 3 mins)
 |  |
| 1. Must reduce the cost of consumable materials
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**Others information:**

1. Is the product available on EU market yet?
2. Which is technical life expectation of your products and components (years)?
3. What is the market price of the commercialized product?
4. What is the minimum warranty period you provide on your solution (years)?
5. Does your product have a CE or other marks? Please specify
6. Can you provide pictures and technical documentation of the product?

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## Note on processing of personal data.

## Pursuant to Article 13 of Legislative Decree 196 of 30 June 2003, the data controller is the Regional Government of Lombardy, in the person of the pro-tempore president - Piazza Città di Lombardia, 1 - 20124 Milan.

The internal data processing manager is:

* the head of the Directorate General of Universities, Research and Open Innovation of the Lombardy Region, with registered offices at Piazza Città di Lombardia 1 - 20124 Milan.

The law on the protection of personal data (Legislative Decree 196/2003) establishes safeguards for the processing of the personal data of individuals and entities.

The data shall be processed according to principles of proper use, lawfulness, relevance and transparency in a manner that safeguards the confidentiality and rights of the respondents/applicants, as per Article 11 of the foregoing Legislative Decree.

Pursuant to Article 13 of the same Legislative Decree, and with reference to the personal data that shall be divulged for the purpose of participating in this call for proposals, we advise you also of the following.

**Purpose of data processing**

The data supplied in this form shall be used exclusively for the purpose of the market survey.

All personal data held by the Region of Lombardy and/or by any other parties that may be assigned to the management of the survey shall be processed in full compliance with the provisions of Article 13 of the foregoing Legislative Decree.

**Methods used for the processing of data**

The data collected shall be processed using electronic instruments that are capable of ensuring the security and confidentiality of the data in accordance with the laws and regulations in force.

**Disclosure of data**

The data may be processed by the Region of Lombardy for the purposes of conducting an internal survey of the current state of the technology.

**Rights of the interested parties**

The parties to whom the personal data refer may exercise their rights as per Articles 7 and 8 of Legislative Decree 196/2003, which include the right to demand at any time:

* confirmation of the existence of personal data that may relate to them, even if not yet registered, and the communication of the data in an intelligible form;
	+ disclosure of the origin of the data, the purposes and the methods used to process it, and the opportunities available for verifying its accuracy;
	+ the updating, rectification and completion of the data, its deletion, its conversion to an anonymous format, an interdiction on its processing (for which the request must be legitimately motivated and based on justified grounds);
	+ a declaration attesting that the operations referred to in the previous point have been brought to the attention of the parties to whom the data has been communicated or with whom it has been shared, unless so doing should prove impossible or entail the deployment of instruments that are manifestly disproportionate to the protected right.

The procedures for exercising the aforementioned rights are governed by the Decree 10312 of 6 November 2014 of the Secretary General, namely: *Rules governing the right of access to personal data controlled by the Regional Government and other rights as per Articles* 7 *and 8 of Legislative Decree 196/2003. Approval of the “Policy for the management of access to personal data”.*

Applications relating to the foregoing must be sent to the certified email address of the Region of Lombardy: ricercainnovazione@pec.regione.lombardia.it