**INNOVATION QUESTIONNAIRE**

**TEMPLATE**

For each innovation that the project will develop / has developed please answer the questions below:

**Title of the innovation \***

*Please enter a meaningful title for this innovation*

Vision-based localization and grasping.

**Describe the innovation (in less than 1000 characters, spaces included) \***

*Text of 1 to 1000 characters will be accepted (still 1 more characters expected)*

The experiment reported and demonstrated the development of a vision-based localization and grasping system. It claims some accuracy of ~ 98%, however it was not fully proven via a structured design of experiments. Processing time is less than 1 min, which is adequate for the needs of the application.

**Is the innovation developed within the project ... \***

~~a) Under development~~

b) Already developed but not yet being exploited

~~c) being exploited~~

**Characterise the type of innovation \***

* Significantly improved product
* ~~Significantly improved service (except consulting ones)~~
* ~~Significantly improved process~~
* ~~Significantly improved marketing method~~
* ~~Significantly improved organisational method~~
* ~~Consulting services~~
* ~~New product~~
* ~~New service (except consulting ones)~~
* ~~New process~~
* ~~New marketing method~~
* ~~New organisational method~~
* ~~Other~~

**Is the innovation to be introduced to the market or to be deployed within a partner \***

* Introduced new to the market (commercial exploitation)
* ~~Deployed within a partner (internal exploitation: Changes in organisation, new internal processes implemented, etc.)~~
* ~~No exploitation planned~~

**Is there a clear owner of the innovation in the consortium or multiple owners? \***

* A clear owner: CERTH
* ~~Multiple owners~~

**Indicate the step(s) already done (or are foreseen) in the project in order to bring the innovation to (or closer to) the market**

* ~~Done or ongoing~~
* ~~Planned in project~~
* Not planned in project but needed/desirable
* ~~Not planned in project and not needed~~

|  |  |
| --- | --- |
| *Technology transfer* | X |
| *Engagement of both research team and partner's business units in project activities* |  |
| *Business plan* |  |
| *Market study* |  |
| *Prototyping in laboratory environment* | X |
| *Prototyping in real world environment* |  |
| *Pilot, Demonstration or Testing activities* | X |
| *Feasibility study* |  |
| *Launch a start-up or spin-off* |  |
| *Standardisation* |  |
| *Application for private or public investment* |  |
| *Securing private investment* |  |
| *Securing public investment* |  |
| *Other (please specify)* |  |

If other, please specify

**Indicate which participant(s) (up to a maximum of 3) is/are the key organisation(s) in the project delivering this innovation. For each of these identify under the next question their needs to fulfil their market potential. \***

Organisation 1: CERTH

Organisation 2

Organisation 3

Indicate their needs to fulfil their market potential

Organisation 1: CERTH

Organisation2

Organisation3

* ~~Investor readiness training~~
* ~~Investor introductions~~
* ~~Biz plan development~~
* ~~Expanding to more markets~~
* ~~Legal advice (IPR or other)~~
* ~~Mentoring~~
* Partnership with other company (technology or other)
* ~~Incubation~~
* ~~Startup accelerator~~

**Market size: What is the approximate market size for this innovation \***

* ~~< €25M~~
* ~~€25M - €100M~~
* ~~€100M - €250M~~
* ~~€250M - €500M~~
  + ~~€500M~~
* Not known
* ~~€ amounts are for global markets and per year~~

**Market maturity: The market for this innovation is ... \***

* Not yet existing: customers are not buying such products (or are not yet ready to buy such products/services)
* ~~Emerging: There is a growing demand and few offerings are available~~
* ~~Mature: The market is already supplied with many products of the type proposed~~

**Level of innovation: What is the level of innovation \***

* ~~No innovation - other factors contribute to viability~~
* Some distinct, probably minor, improvements over existing products
* ~~Innovative but could be difficult to convert customers~~
* ~~Obviously innovative and easily appreciated advantages to customer~~
* ~~Very innovative satisfies a well-known market need~~
* ~~Market competition: How strong is competition in the target market? \*~~
* ~~Patchy, no major players~~
* ~~Established competition but none with a proposition like the one under investigation~~
* ~~Several major players with strong competencies, infrastructure and offerings~~

**When do you expect that such innovation could be commercialised? \***

* ~~Less than 1 year~~
* ~~Between 1 and 3 years~~
* ~~Between 3 and 5 years~~
* More than 5 years