

RESEARCH DEVELOPMENT REQUEST PROFILE

Title of the profile*

H2020: Looking for a company that designs and/or manufacture consumer goods: sport products, apparel, etc.

Call Name*

ICT14–2016-2017 Big Data PPP

Evaluation Scheme*

http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2016_2017/annexes/h2020-wp1617-annex-h-esacrit_en.pdf

Estimated Project Budget*

3 millions

Coordinator required

Yes

No

Deadline for the Call*

25th April

Project duration*

3 years

Web link to the call*

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/ict-14-2016-2017.html>

Summary*

A Spanish technology institute is preparing a proposal for ICT14–2016-2017 call and they look for a company with access to the 3D body scans of customers and/or able to scan customers during the project, and with expertise in the use of 3D body scans to design or customize products. The aim of this project is to create an infrastructure for the exchange and utilization of digital personal biometric data for human-oriented product design.

Full Description*

- Country and type of the organization publishing the profile:
Institute of Biomechanics of Valencia (<http://www.ibv.org/>)

- Objective and brief description of the project:
3D body data are personal data currently collected and used for different purposes within sectorial "silos" and integrated in vertical pipelines specifically designed for one service.

Moreover the collection of high quality data with the additional manual annotations is an expensive process which limits the sizes of the individual datasets and limits the applications.

At the same time the free exchange of biometric information between the different institutions is restricted to privacy/medical/financial reasons.

Enabling the secure and controlled circulation of this data across sectors to offer new services will open new opportunities to substantially grow the creation of new business.

However the lack of agreed standards and formats of the 3D body models and derived statistical data, and the lack of secure environments where SMEs can test innovative services and product ideas using secure communication protocols to assure the control of the personal data of the customer is a barrier to wide spread new businesses.

It is necessary to break these barriers and to foster exchange, linking and re-use, as well as to integrate data assets from multiple sectors and across languages and formats and to create and stimulate a safe environment for experiments where not only data assets but also knowledge and technologies can be shared.

The aim of this project is to create an infrastructure for the exchange and utilization of digital personal biometric data. So that standardised, simplified and processed body metric information can be securely exchanged between entities that have/generate biometric data (research organisations, hospitals, companies, etc.) and entities that need those biometric data for human-oriented product design.

Type and Role of Partner Sought*

(Description of what is expected from the co-operation partner)

The company sought should have experience in the use of 3D body scans to design or customize products.

The main role of the company will be demonstration tasks. The company should have access to the 3D body scans of customers and/or scan customers during the project.

Except nominative information, the present co-operation profile will feed the Partnership Opportunities Database (POD) and will be processed and disseminated by the organisations belonging to the Enterprise Europe Network.

X I agree I refuse