

Research & Development Request

H2020 SC4: Traffic Psychology entity to perform driving behavioural studies are sought

Summary

A Spanish research organization acting as coordinator in a project H2020-SC4 is looking for a partner to complete their consortium. The objective of the project is to overcome the limitations of the driving simulators and traffic simulation as valid tools for studies in traffic safety, and bridge the gap between them and naturalistic driving tests. The entity sought must develop psychological studies operating in Spain, Italy, France, Sweden United Kingdom and Poland in their native language.

Creation Date	14 September 2017
Last Update	19 September 2017
Expiration Date	19 September 2018
Reference	RDES20170914001

Details

Description

The goal of the project is to make use of state-of-art simulation, artificial intelligence, virtual reality and data science methodologies to retrieve accurate actor and behavioural models in a transit environment, reproduce the same into controllable settings of traffic simulators and be able to determine cause, consequences on incidents of interest, to understand the underlying behaviour and motivations of the involved actors.

The project is approved and is composed of 16 partners, representing 9 Member States (Spain, France, Italy, United Kingdom, Sweden, Slovakia Germany, Portugal, Netherland) One associated country Israel and The USA.

The different role within the project can be summarize as follows: two research organizations, two industrial partners, six SME, four universities, and we also count with the collaboration of associations related to driving schools and road safety for better dissemination of the project results and better involvement of the relevant actors.

The coordinator is looking for a partner that develops psychological studies substituting one partner with capacity to operate in Spain, Italy, France, Sweden UK and Poland in their native language. There are no requirements in type or size. Easter country entities are welcome.

Funding programme: H2020 M.G 3.5-2016 Behavioural aspects for safer transport.

Expressions are welcome before the 9 October 2017

Duration of the project: 42 months

Available budget for the tasks: 300.625€

Advantages and Innovations

The project will result in reduction of fatal, serious and minor accidents through measures to mitigate unsafe transport user behaviour patterns. Potential innovations expected are new simulators, new behavioural models, new safety devices.

Keywords

Technology

01003016	Simulation
01004013	Didactic System
02009007	Artificial intelligence applications for cars and transport
11001	Socio-economic models, economic aspects
11006	Citizens participation

Market

05003001	Therapeutic services
09003007	Other services (not elsewhere classified)

NACE

M.72.1.9	Other research and experimental development on natural sciences and engineering
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Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI : **Yes**

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Year Established

1989

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
Spanish

Client Country

Spain

Partner Sought

Type and Role of Partner Sought

Type: SME, industry research organization, academia, etc

Activity: Traffic Psychology

Role: Establishment of psychological metrics, requirements for psychological recordings in simulator. Collaboration with partners for analysing tools, data management definition or summarising any testing cycle. Performance of test and subsequent assessment and analyse.

Type and Size of Partner Sought

SME 11-50, University, R&D Institution, SME <10, SME 51-250

Type of Partnership Considered

Research cooperation agreement

Program - Call

Framework Program

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Call title and identifier

H2020 M.G 3.5-2016 Behavioural aspects for safer transport

Attachments
