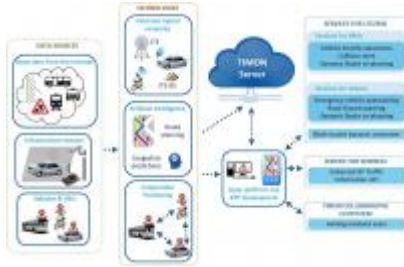


TIMON

Enhanced real time services for an optimized multimodal mobility relying on cooperative networks and open data 636220



Programme:

H2020 Transport

Topic:

MG-3.5a-2014

Call for proposals:

H2020-MG-2014_TwoStages

Duration:

01/06/2015 to 30/11/2018

Funding scheme:

RIA

Total cost:

€5,605,213

EU contribution:

€5,605,213

Coordinator:

UNIVERSIDAD DE LA IGLESIA DE DEUSTO
ENTIDAD RELIGIOSA

Project website:

<http://www.timon-project.eu>

Project description on CORDIS:

http://cordis.europa.eu/project/rcn/193386_en.html

The TIMON project is developing a cooperative open web-based platform and mobile application, which form a framework of services, in order to deliver real-time information and services to all users of the transport ecosystem - drivers, vulnerable road users, and businesses.

The project connects all the road agents, people, vehicles, infrastructure and businesses, into a single cooperative ecosystem. It is gathering data from all these agents and connecting them with cooperative networks and open data. TIMON will also implement different real-time services, leading to increased safety, sustainability, flexibility and efficiency of road transport systems.

Information from relevant open data sources, infrastructure sensors and TIMON users is stored and harmonised. Using innovative application of existing and emerging technologies in cooperative vehicular networks, artificial intelligence and cooperative positioning, all this data is processed and enhanced. Finally, new knowledge is generated to provide real time services through a mobile app or a website.

The project has also planned two practical testing pilots in real environment:

- Validating the system's technical performance in a testbed site in Helmond (the Netherlands)
- Testing the TIMON services with real end-users in Ljubljana (Slovenia)

TIMON plans to decrease the number of crashes by 15-20%, reduce congestion by 12-20%, and decrease GHG emissions by 6-10%.

Participants:	Country:	EU contribution (in €):
DEUSTO	ES	€943,750.00
Fraunhofer	DE	€657,000.00
CTTC	ES	€500,088.00
INTECS SPA	IT	€241,250.00
SCRAPERWIKI LTD	UK	€575,000.00
GEOX KFT	HU	€367,875.00
XLAB	SI	€278,375.00
ISKRA SISTEMI AVTOMATIZACIJA PROCESOV DD	SI	€750,625.00
JP LPT	SI	€413,000.00
CORTE	BE	€353,250.00
TASS International Mobility Center	NL	€525,000.00