

PROTECT-820867

Personnel Location and Tracking for Safety, Security and Protection

Call Reference: EIC-SMEInst-2018-2020: SME instrument Phase 2

Invitation to cooperate with PROTECT Information sheet and consent form

August, 29th, 2018

Information sheet

What is PROTECT?

The PROTECT project is co-funded by the European Commission under the SME-Instrument-Phase-2 (project number 820867).

PROTECT objectives

The PROTECT project is the scale-up and on-field demonstration of the ARIANNA pedestrian tracking and localisation system. ARIANNA is the offspring of 6 years of research and development of DUNE srl in the field of pedestrian localisation and tracking in GPS-denied environments (indoor, underground and tactical scenarios in which GPS is intentionally jammed). The system doesn't need the deployment of location-aiding infrastructures and has been specifically designed to locate and track first responders (firefighters, law enforcement units) in unknown environments. ARIANNA is much more than just “localisation” without GPS: the whole system enables a new and unprecedented level of situational awareness, where location of a squad, health status, sensor data, images, videos, voice comments are put into a unique context, enabling a new level of knowledge of the ground-truth, so to dispatch proper, timely and accurate orders.

The major goals of the PROTECT project are:

- collect the operational requirements and doctrines coming from the key practitioners, stakeholders and end-users of the system (e.g. firefighters, law enforcement units, inspectors), both for the on-field operations and training;
- scale-up of the ARIANNA system, so to meet the widespread set of requirements and operational modes coming from a large arena of practitioners;
- carry out on-field demonstrations of the system, in operationally realistic scenarios.

By analysing the information provided by the stakeholders and practitioners about their requirements, PROTECT will be able to elaborate a scale-up of the geo-localisation system capable of meeting them in a cost-effective way. Beside this primary task, the direct and active involvement of the stakeholders and practitioners in on-field trials will provide an objective measure of the system performance and therefore its operational suitability.

PROTECT project will save lives, valuable assets and boost the effectiveness of operations during emergencies and risky scenarios.

- More information about PROTECT can be found at the EASME data hub at:
<https://sme.easme-web.eu/?p=820867>
- More information about the ARIANNA tracking system is available at:
<https://arianna-tracking.wixsite.com/home>

Invitation to cooperate

You are being invited to take part in PROTECT, a system scale-up and demonstration project carried out by DUNE srl (Italian SME). To give you and/or your organization the necessary information to decide about participating in PROTECT, this document describes the project's overall and specific goals, as well as the nature, the limits and the advantages of your involvement.

Should you need any clarification or more information, please contact Mr. Enrico de Marinis (email demarinis@dune-sistemi.com, tel: +39 06 70451252; skype: [enrico.demarinis](https://www.skype.com/en/contacts/enrico.demarinis)), a member of the project team who can provide to you any further clarification.

Why are you asked to cooperate?

[NAME OF THE COMPANY/ORGANISATION], due to its internationally known leading position in [SPECIFY THE LEADERSHIP OR FIELD OF APPLICATIONS], has been identified as an organisation with excellent background in both end-user requirements and on-field trials and is therefore considered to be eligible for providing a sound contribution to the PROTECT project.

Do you have to cooperate?

No, it is up to you to decide to cooperate with the project. We will describe the envisaged activities and, if you agree to take part, we will then ask you to sign a consent form. You are free to withdraw your consent at any time, without providing any justification and with no charge of any liability.

What should you do?

You will be:

- invited to attend an informative meeting (via skype or equivalent tool) with PROTECT representatives, to be informed about the schedule of the activities, in order to:
 - understand the level of involvement that you or your organisation can provide to the project;
 - better fit the extent of your possible involvement in the project schedule, so to avoid overlaps and bottlenecks;
- invited to be a part of an Advisory Board, where other participants (likely to be all peers among them) will provide to PROTECT (via questionnaires and interviews) information about their requirements for a personal tracking and localisation system, as well as information about their operational paradigms; your possible participation to the Advisory Board is anonymised by default, unless an explicit consent is provided to be listed with your and/or your organisation's name;
- invited to offer your availability to host the on-field demonstrations, specifying the number of participating persons (not their names or personal data that PROTECT will never collect), along with the indicative date, location and the nature of the logistic support you can make available for the on-field trials; all the eligible expenses incurred to host the demonstrations will be directly reimbursed by the PROTECT project.

Expenses and reimbursements

All the eligible costs incurred in the frame of the demonstration activities are fully reimbursed at 100% rate directly by PROTECT. All the claimed costs require a traceable cost statement, invoicing and a prior agreement with DUNE about the demo planning and foreseeable cost. Eligible costs are considered, for instance: labour costs (not already covered by the organisation); travels, equipment (with depreciation), consumables, logistic, rentals. Overheads and taxes are not eligible for reimbursement.

Upon withdrawal (see next point), in case of costs already faced and correctly claimed, the reimbursement procedure will be NOT cancelled, unless the organisation explicitly asks for the cancellation of the reimbursement.

Can you withdraw your consent?

Yes, you will be free to withdraw your consent and ask that your personal data (secured on DUNE's server) be destroyed at any time, without justification and with no liability. The destruction does not apply to the information that has been fully anonymised. In case of a previous explicit signature of a waiver to allow the publication of the personal identifiable data on the project publication, the elimination of the identifying data will apply only to the publications occurring after the destruction request.

Are there risks/threats associated with the collaborations?

The proper execution of any demonstration undergoes the following operations: a sensor unit is fastened to the shoe and/or knee of the cooperating individual(s) (trained and selected by the participating Organisations) who

will walk/move in the demonstration area (for a time span ranging from 15 to 45 minutes) and performing the usual operations relevant to his/her intervention (e.g. search for (simulated) fire in an area; extinguish the (simulated) fire, rescue injured people); the walking style will be limited to: normal walk, crawl, moderate run (e.g. the one allowed by a fully equipped firefighter) and climb the stairs of a residential building or industrial plant. The use of the PROTECT system will therefore add no potential harm, distress or discomfort to the ones associated with the usual operation for which the individuals are already trained. In addition, as PROTECT is a user-independent tracking system, it doesn't rely on any information, of any nature, about the people involved in the on-field demonstrations (e.g. name, address, education, gender, height, weight, ID photo, political view).

Are there benefits associated with the collaboration?

Among others, there are two major benefits in cooperating with PROTECT:

- as far as you provide to PROTECT your own specific requirements, the final market-ready system developed by PROTECT will inherit and fulfil most (if not all) the provided requirements, thus representing a system closer to your specific needs;
- the participating stakeholder or organisations will be offered the purchase of a number of the customised version of the tracking system with a discount ranging from 20% up to 80%, depending on the offered cooperation level, especially on the on-field demonstrations.

It is clearly stated that no other financial benefit is foreseen for the participating organisations/stakeholders, with specific reference to royalties or profit sharing of any nature, coming from possible future commercial exploitation of the system(s) linked to the activities performed under the PROTECT project.

What will happen to the data collected within the collaboration?

The results of the on-field demonstrations will be published and the collected (and anonymised/delinked) raw data will be publicly available for download in the frame of the "Pilot on Open Data in Horizon 2020". Unlinked and anonymised data may be placed into open databases and accessed by many researchers, with no possibility of identifying individual participants.

Declaration of Consent

Title of project: PROTECT

Thank you for reading the Information Sheet and for asking any questions that you might have had. If you would like to cooperate with the PROTECT project, please respond to each of the following statements *by writing your initials in the boxes and then signing the form at the bottom*. Only the boxes marked the “M” are mandatory.

I confirm that I have read and understand the information sheet dated August 29 th , 2018 and have had the opportunity to consider the information, ask questions and have had these answered satisfactorily.	M <input style="width: 40px; height: 20px;" type="checkbox"/>
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I understand that my consent is voluntary and that I am free to withdraw at any time without giving any reason, without my legal rights being affected.	M <input style="width: 40px; height: 20px;" type="checkbox"/>
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I hereby agree that DUNE has the right to use and make publicly available the raw data collected during the on-field demonstrations, as far as they are fully anonymised/delinked.	<input style="width: 40px; height: 20px;" type="checkbox"/>
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I hereby explicitly request DUNE to report my identifying personal data listed below in the PROTECT publications and reports: name, gender, age, role in the organisation, images, videos.	<input style="width: 40px; height: 20px;" type="checkbox"/>
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I give permission for long-term storage and use of my personal data, with the limits and the right of cancellation, as indicated in the information sheet for this purpose.	<input style="width: 40px; height: 20px;" type="checkbox"/>
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I understand that my data will be used by DUNE for different research purposes and that withdrawal of consent and subsequent request of destruction of the raw data collected during the on-field trials does not oblige Dune to also destroy fully anonymised/delinked data.	M <input style="width: 40px; height: 20px;" type="checkbox"/>
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I agree that DUNE may contact me in the future to ask me for further cooperation. My contact details may be stored exclusively for this purpose and will in no case be disclosed to any third party.	<input style="width: 40px; height: 20px;" type="checkbox"/>
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I understand that no incidental findings will be given to me and that I benefit financially to the extent and in the limits explicitly specified in the Information Sheet.	<input style="width: 40px; height: 20px;" type="checkbox"/>
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Name of the participating individual/Organisation	Date	Signature

Name of the legal representative of DUNE	Date	Signature