iProcureSecurity 🛒 PCP

Strategic Partnership of Emergency Medical Service Practitioners for Coordination of Innovation Procurement

Pre-Commercial-Procurement

🖥 www.iprocuresecurity.eu

🐦 @procuresecurity

Scope

Fostering the response capacities and increasing the cooperation of the European Emergency Medical Services Systems (EMSS) is of decisive importance for strengthening the resilience of European societies in the light of multiple hazards, calling for close cooperation of public safety and health authorities on an international level.

iProcureSecurity responds to this challenge by seeking to identify the major issues the diversity of the Emergency Medical Services (EMS) ecosystem poses to the capability of working together, stimulate R&I uptake with a focus on increasing harmonisation of operations across Europe, while delivering requirements for R&I activities to prompt the development of more homogeneous EMS systems.

Objectives

iProcureSecurity is a Coordination and Support Action (CSA) which builds the foundation for a follow-up Pre-Commercial Procurement (PCP) project by analysing challenges and innovation needs in the EMS field. Based on the collected practitioner insights and information on technological advancements the project defines the requirements for an innovative solution tackling a major problem inherent in the EMS sector across Europe.

To enhance the response capabilities of the EMS organisations across Europe and facilitate a clear needs assessment of a major innovation procurement action, the projects seeks to:

MOBILISE practitioners of emergency medical services, researchers and experts from the field to build synergies among existing actor constellations and initiate knowledge exchange.

ANALYSE the European medical emergency services ecosystem, its capability gaps, challenges and needs, monitor R&D initiatives to create a catalogue of innovative solutions.

ADDRESS legal issues, ethical and societal aspects that should be taken into account by the design, development and deployment of new solutions in the emergency medical field.

PROVIDE specifications about common requirements and technical tender documents for the procurement of R&D, ready-to-use by the upcoming PCP action and external procurers.

Project Facts

Duration: 20 months
Coordinator: SYNYO GmbH

Start date: 01.05.2019
End date: 31.12.2020

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iProcureSecurity Outcomes

Comprehensive overview on capability gaps and challenges in main EMS areas combined with insights from the market to provide initial ideas for potential solutions based on latest technological developments.

Prioritisation of opportunities for innovations and capabilities in the EMS ecosystem in Europe that can be developed through the PCP process.

Establishment of a long list with more than 340 gaps and innovation needs refined throughout the project to produce a top five list of most relevant challenges in the EMS ecosystem.

Selection of one specific challenge to be addressed in the PCP phase based on clear user requirements and an in-depth market analysis.

Identification of connected ethical, legal and societal aspects to be considered in the preparation of the PCP as well as technical requirements to be kept into account.

Creation and evaluation of tender documents constituting the basis for the PCP action.

The Challenge

Based on the intensive data gathering and comprehensive analysis carried out during the project the iProcureSecurity consortium agreed on the following Common Challenge for Emergency Medical Services to be tackled in a PCP action:

TRIAGE MANAGEMENT

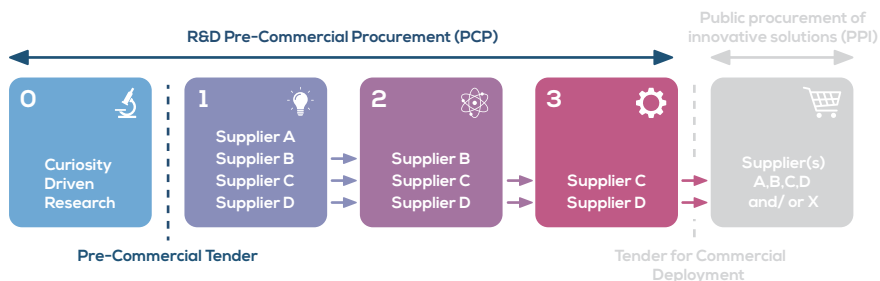Improve triage scenarios through a flexible triage management system that provides:

a) quick and accurate overview of casualties and their status

b) decision support for better allocation of available resources and quicker support for casualties

c) improved interoperability with other first responders and relevant actors

d) reduced handover times between ambulance transport and hospitals, and

e) insights for quality assurance and training measures.

From iProcureSecurity CSA to iProcureSecurity PCP

The iProcureSecurity project delivers (besides other outcomes) a clear definition of the challenge to be tackled during the PCP project. In addition it establishes an initial set of tender documents to speed up the initial phase of the PCP.

What is a PCP project?

In Pre-Commercial Procurement (PCP) projects public procurers provide funds to suppliers to procure R&D services and develop tailored solutions that are not available on the market yet. The PCP is co-funded by the European Commission and is divided into competitive phases, in which suppliers develop their solutions to address the procurement challenge. The iProcureSecurity budget is expected to be approximately € 12 Million Euros, of which 70% will be used to fund the R&D activities of the suppliers.

Which Phases are Planned?

0. Curiosity Driven Research

The preparation of the PCP will take place in the initial phase (phase zero). This will include an Open Market Consultation to raise the interest of possible developers or suppliers in the process, followed by the Call for Tender requesting for submission of proposals. To speed up this process some aspects have been already covered during the iProcureSecurity CSA project.

1. Solution Design

The project consortium will evaluate the bids with the support of external experts (including the presented solution designs) with respect to technical, economical and organisational viability. Finally a minimum of four suppliers will be selected to develop their solutions.

2. Prototype development

Participants who have successfully completed phase one will be invited to phase two. At least three suppliers will be awarded to develop their solutions into working prototypes. In this phase interim evaluations by an independent review board are foreseen to continuously improve the prototypes while developing them.

3. Original Development & Operational Testing

Finally, a minimum of two suppliers will be selected to test their prototypes under real-life situations. During the complete PCP process, selection of suppliers entering the next phase will be based on transparent and objective criteria.

💶 Funding

PCP projects are funded by the European Commission with 90% of the total project costs. The funding gap for procurers, as well as a small contribution to a Joint Activity Fund to ensure the core project tasks are funded in full, can be regulated within the project consortium, without any need for additional payment flows outside of the EC grant.
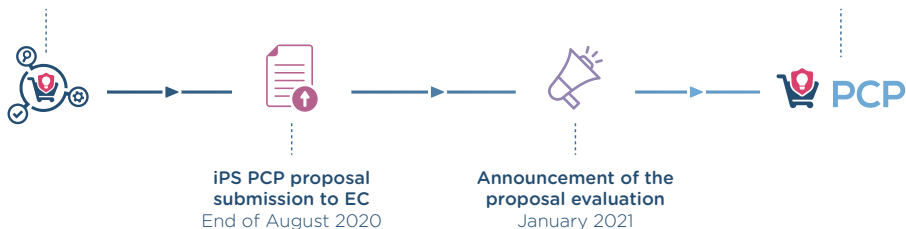

👥 How to Participate

If you're interested to join the consortium as Emergency Medical Service (public buyer) please get in touch with us via *pcp@synyo.com*.

In addition you can learn more about the iProcureSecurity project and relevant insights through our online platform and webinar series. Learn more on *www.iprocuresecurity.eu*.

Proposal stage
Current

Grant agreement preparation and signature
April 2021

iPS PCP proposal submission to EC
End of August 2020

Announcement of the proposal evaluation
January 2021

Join Us!

and become a main driver of Innovation in the field of Emergency Medical Services.

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