



SEREN4

SU-DRS01 webinar

Pre-normative research and demonstration for disaster-resilient societies

20/05/2020 -2 PM CET

Speakers

David Lund (President of Public Safety Communication Europe, BROADWAY project coordinator)

Marie-Christine Bonnamour (PSCE Secretary, INHESJ auditor, CEN workshop agreement coordinator)

Géraud Canet (MESRI, French delegate at the Security Programme Committee) – **webinar moderator**

with the participation of

Philippe Quevauviller (European Commission) – **Q&A session**



Challenge

All societal functions are exposed to disasters, whether natural or man-made
It is imperative to act in order to make societies more resilient to the resulting disaster issues

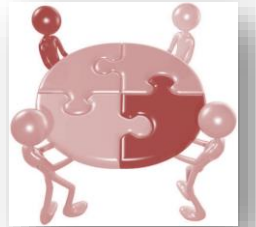
Main objective

- ❑ Consider **one or more disasters**, including from climate-related weather events, earthquakes and volcanic events, space weather events, industrial disasters, crime and terrorism threats
- ❑ Then develop and **advance innovations (including organisational processes)** in the society, and among first responders
 - to reduce the loss of human life
 - to reduce environmental, economic and material damage
 - and to **make the society more resilient to the considered disaster**

2018 to 2020 Call topics

- ❑ **SU-DRS01-2018-2019-2020**: Human factors, ... for disaster-resilient societies (**yesterday's webinar – 10am CET**)
- ❑ **SU-DRS02-2018-2019-2020**: Technologies for first responders (**this morning's webinar at 10am CET**)
- ❑ **SU-DRS03-2018-2019-2020**: Pre-normative .. demonstration for disaster-resilient societies (**this webinar**)
- ❑ **SU-DRS04-2019-2020**: Chemical, biological, radiological and nuclear (CBRN) cluster
- ❑ **SU-DRS05-2019**: Demonstration of novel concepts for the management of pandemic crises (**closed call**)

- Follows a **mission-oriented approach**
- Builds **Multidisciplinary projects**
 - Integration of technological research and development with research into political, social and human sciences
- Takes more into account the **Societal Dimension**
 - Respect of privacy and civil liberties
- Strengthens the involvement of the **end-users in project definition and execution**
 - bring together at European level the ‘demand’ and ‘supply’ sides
- Reinforces the **role of the Member States’ authorities** (programme committee)



PRESENTATION OF

SU-DRS03-2018-2019-2020: PRE-NORMATIVE RESEARCH AND DEMONSTRATION FOR DISASTER-RESILIENT SOCIETIES

https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-security_en.pdf

Armand Nachev (CEA)

- **Type of Action** Innovation Action
- **Output TRL** 6 to 7
- **Project duration** not specified
- **Budget per project** 6 M€
- **Total budget** 6 M€ in 2020
- **Eligibility conditions** At least 3 first responders responders' organisations or agencies from at least 3 different EU or Associated countries
International cooperation in R&I is encouraged but not mandatory
- **Deadline** 27 Aug 2020

6M€



- **Challenge**

A reason for the difficult interaction among practitioners, and for the low levels of interoperability of equipment and procedures implemented by first responders, lies in there being insufficient harmonisation and standardisation, which pre-normative research and demonstrations may address effectively.

First aids vehicles deployment, training, maintenance, logistic and remote centralized coordination means

Improved standards and common **communication data exchange** mechanisms are required for an effective deployment of resources during the run-up to a major crisis related to any kind of disaster either natural (including resulting from climate-related extremes) or man-made, and immediately after the event, for example in case of a mass evacuation from an urban area. Proposals should target in particular events where there are **strong cross-sector, cross-border, cross-hierarchy coordination activities** ongoing, and therefore the issue of **interoperability**. The aim is to pave the way to improved standards, including voluntary Standard Operating Procedures (SOPs) and/or ISO or EN standards.



Impact:

Standards for an effective deployment of resources to respond to major crisis.

Q & A



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Philippe Quevauviller (European Commission)

Q&A organiser
Armand Nacheff (CEA, French NCP)