SEREN4

SU-DRS02 webinar

Technologies for first responders

Sub-topic 3 : Methods and guidelines for pre-hospital life support and triage

20/05/2020 -10 am CET

Speakers

Gilles Dusserre (Gard Fire Service, National Field Hospital Unit, France)

Luca Leonardi & Rachele Brancaleoni (NO-FEAR Project)

Jean-Michel DUMAZ (SAFE CLUSTER & FIRE-IN Project) **– session moderator**

with the participation of

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

Disaster-Resilient Societies (DRS) call in Horizon 2020

Challenge

Resilience is critical to allow authorities to take proper measures in response to severe disasters, both natural (including climate-related extreme events) and man- made. Innovation for disaster-resilient societies may draw from novel technologies, provided that they are affordable, accepted by the citizens, and customized and implemented for the (cross-sectoral) needs of first responders.

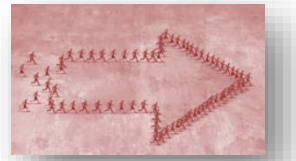
Main objective

- 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

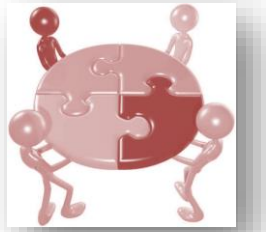
2018 to 2020 Call topics

- SU-DRS01-2018-2019-2020: Human factors, … for disaster-resilient societies (yesterday's webinar)
- SU-DRS02-2018-2019-2020: Technologies for first responders (today's webinar at 10am CET)
- SU-DRS03-2018-2019-2020: Pre-normative .. demonstration for disaster-resilient societies (tomorrow's webinar at 2pm)
- SU-DRS04-2019-2020: Chemical, biological, radiological and nuclear (CBRN) cluster

Characteristics of Horizon 2020-Secure-Societies



- 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-DRS01-2018-2019-2020: HUMAN FACTORS, AND SOCIAL, SOCIETAL, AND ORGANISATIONAL ASPECTS FOR DISASTER-RESILIENT SOCIETIES

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

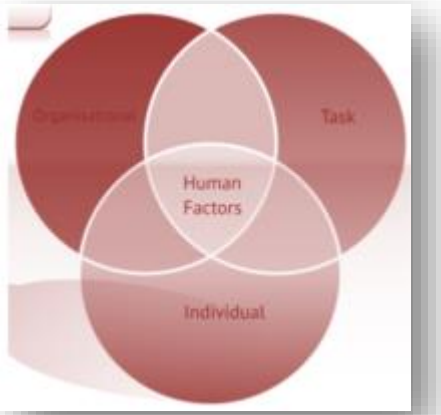
Armand Nachef (CEA)

- **Type of Action** Research & Innovation Action
- **Output TRL** 6-7
- **Project duration** not specified
- **Budget per project** **7 M€**
- **Total budget** 21 M€ in 2020 (SU-DRS02)
- **Eligibility conditions** **At least 3 first responders responders' organisations or agencies** from at least 3 different EU or Associated countries
  International cooperation R&I is encouraged but not mandatory
- **Deadline** **27 Aug 2020**

5M€

Human-centric

- **Challenge**
  1. **Resilience of societies heavily rely on how their citizens behave individually or collectively**
  2. **Recent disasters have shown gaps in the level of preparedness of European society for disasters, and highlighted the importance of increasing risk awareness among people and decision-makers**
  3. **Building resilience requires a better understanding and implementation of new technologies and media**
  4. **There is much to learn from some countries with a high level of disaster risk**



Scope

Development of innovative tools, methodologies and European pre-hospital guidelines for first responders of medical services, fire services and police and hospital trauma teams in order to ensure faster and more effective evaluation and control of numerous seriously injured casualties in disaster and/or emergency situations. This should take account of lessons learned from military mass-casualty techniques such as damage-control surgery. The aim is to ensure more effective pre-hospital triage of victims with appropriate digital traceability of actions and data transfer from the event to the hospital(s), including across administrative and political boundaries.

Expected Impact

- Novel tools, technologies, guidelines and methods aimed at facilitating their operations
- New knowledge about field-validation of different tools, technologies and approaches involving first responders in (real-life) scenarios

TESTIMONIAL

Prof. Gilles Dusserre

Fire & Rescue Service of GARD department, France

National Mobile Field Hospital Unit

Summary

Practitioners' needs

Lessons learned on international disasters national mobile field hospital deployments

NO-FEAR

NETWORK OF PRACTITIONERS FOR EMERGENCY MEDICAL SYSTEMS AND CRITICAL CARE

Luca Leonardi NO-FEAR project manager

Rachele Brancaleoni NO-FEAR WP3 leader

SU-DRS02 NO-FEAR PROJECT PERSPECTIVES

Speakers

Gilles Dusserre (Fire&Rescue Service, Gard, France
National Mobile Field Hospital Unit)

Luca Leonardi (NO-FEAR Project)

Rachele Brancaleoni

with the participation of

Philippe Quevauviller (European Commission)

Q&A organisator

Armand Nachef (CEA)

Webinar manager **Jean-Michel DUMAZ** (SAFE CLUSTER & FIRE-IN Project)