



International Forum to Advance **FIRST RESPONDER INNOVATION**

**HEROES ALSO NEED
ACCESSIBLE INNOVATION**

COME TOGETHER, GET CONNECTED,
HELP DRIVE INNOVATION AND SHARE EXPERTISE

#HEROESALSO
#IAFRI



WWW.INTERNATIONALRESPONDERFORUM.ORG



HEROES ALSO NEED TO EXCHANGE IDEAS

Do you want to improve the effectiveness, safety and efficiency of first responders around the world?
Let's come together to help first responders deal with the challenges they face in emergency situations.

JOIN THE DISCUSSION

Are you a first responder? Are you involved in industry, academia, government or media?
Become a member of the IFAFRI group on LinkedIn to exchange views and keep up to date on all upcoming events.

Join the IFAFRI community on www.internationalresponderforum.org

IFAFRI AT A GLANCE

To ensure the safety and security of the people they serve, first responders need more support to tackle increasingly complex emergencies that require smarter and better equipment, communication tools and training. IFAFRI is a global network of public authorities that assists first responders in performing their missions more effectively, safely and efficiently. This global network enhances and expands the development of affordable and innovative technology so that the world's first responders can better respond to emergencies.

FAST FACTS

- ▶  Launched in 2014 by the USA
- ▶  Chaired by the European Commission (secretariat)

Member countries



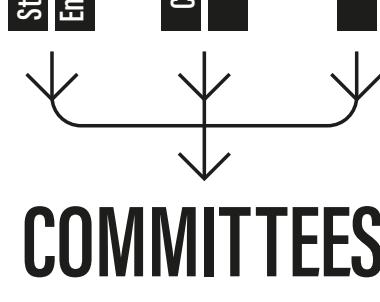
STRATEGIC OBJECTIVES

- Defines a list of common capability gaps of first responders
- Provides a platform for international collaboration on innovative R&D initiatives and solutions
- Characterises global first responder markets to inform and guide industry in making innovative technology available at affordable prices
- Provides unbiased information about relevant and available first responder technologies

HEROES ALSO NEED SUPPORT

HOW DOES IFAFRI MEET THE NEEDS OF FIRST RESPONDERS?

COMMITTEES



STAKEHOLDER ENGAGEMENT

- Identify roles and responsibilities for stakeholders
- Develop tools and processes to manage stakeholder engagement
- Develop a strategy for engaging responders, industry and academia
- Implement a stakeholder engagement strategy

CAPABILITY GAPS

- Identify first responder capability gaps
- Characterise current and future technology for first responders
- Analyse, organise and prioritise a list of common global capability gaps
- Establish a mechanism by which first responders can assist in identifying gaps

R&D

- Conduct technology foraging
- Discuss how R&D may contribute to filling the capability gaps
- Establish and facilitate a collaborative R&D effort

CAPABILITY GAPS

IFAFRI has identified 10 capability gaps commonly faced by the world's first responders.

1. The ability to know the location of responders and their proximity to risks and hazards in real time.
2. The ability to detect, monitor and analyse passive and active threats and hazards at incident scenes in real time.
3. The ability to rapidly identify hazardous agents and contaminants.
4. The ability to incorporate information from multiple and non-traditional sources (e.g. crowdsourcing, social media) into incident command operations.
5. The ability to maintain interoperable communications with responders in any environmental conditions.
6. The ability to obtain critical information remotely about the extent, perimeter, or interior of the incident.
7. The ability to conduct on-scene operations remotely without endangering responders.
8. The ability to monitor the physiological signs of emergency responders.
9. The ability to create actionable intelligence based on data and information from multiple sources.
10. The ability to provide appropriate and advanced personal protective equipment.



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