



ERA-Can+ Success and Future Endeavors In EU – Canada Cooperation



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Embassy of Canada
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Canada – EU S&T Secure and Safe Societies



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Mutual Interests



INVESTING IN SCIENCE & TECHNOLOGY TO SUPPORT:

- Societies that are resilient to natural and man-made disasters.
- Borders that are secure, but also enable efficient flow of goods, services and people.
- Critical Infrastructure and their associated interdependencies are strong and resilient
- Operators (eg responders, decision makers etc) that are protected, connected and have access to tools, techniques and approaches to fight terror and crime and respond to disruptive events



Major Achievements



- EU – Horizon 2020: Secure Societies: Protecting freedom and security of Europe and its Citizens
 - Initiated 2014; one cycle each year until 2020 - open calls for research and innovation.
 - Annual budget of approx. 200M€
 - Themes:
Critical Infrastructure; Border and External Security; Fight Against Crime and Terrorism; Digital Security; Disaster Resilience
- CA– Canadian Safety and Security Program– *Canada’s safety and security systems are evidence informed, interconnected and resilient.*
 - Initiated 2012; three cycles of investments through open calls for innovation.
 - 225 projects supported for total of 81M\$ program and 78M\$ in kind investment = 159M\$
 - Investments made against 4 interconnected themes:
Critical Infrastructure; Seamless Borders, Operator Capability, Community Resilience



Future Activities/ Next Steps



- Identify common challenges and requirements, assess present solution and problem spaces– *to be explored at a bilat in Canada in November 2016.*
- Explore feasibility of coordinated or combined calls for innovation
- Identify and/or reduce duplication through joint projects, burden sharing and/or knowledge/technology sharing arrangements
- Extend our mutual reach into our respective innovation systems
- Mobilize non typical and typical industry innovators toward a security focus.



Initial Focus/

The International Forum to Advance First Responder Innovation



- Comprises representatives from a number of nations including Canada, the EU and the US.
- The Forum is intended to dramatically increase the effectiveness of making affordable, innovative technology available to first responders.
- Participating organizations have an opportunity to pool resources for addressing and resolving responder technological challenges
- *The next forum meeting is in Canada, November 2016*
- Gaps to be addressed:
 - The ability to know the location of responders and their proximity to risks and hazards in real time
 - The ability to detect, monitor and analyze passive and active threats and hazards at incident scenes in real time
 - The ability to rapidly identify hazardous agents and contaminants
 - The ability to incorporate information from multiple and non traditional sources (e.g., crowdsourcing and social media) into incident command operations

Interested in more information?

- **follow us on twitter: @DRDC_RDDC**
- EN: www.science.gc.ca/cssp FR : www.science.gc.ca/pcss
- the CSSP RFI and Call for proposals at buy and sell
<https://buyandsell.gc.ca>
- --DRDC and DRDC CSS web site
 - www.drdc-rddc.gc.ca
 - <http://www.drdc-rddc.gc.ca/en/science-tech/public-safety-and-security.page>
- People can also reach out via email/phone – contact page here on science.gc.ca:
<http://www.science.gc.ca/default.asp?lang=En&n=253293E1-1>

Thank you!