



Government
of Canada

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du Canada

**Canadian Safety
and Security Program**

Doug Socha

Paramedic Portfolio Manager

November 2013

Paramedic Association of Canada

Canadian Safety and Security Program



Led by Defence R&D Canada – Centre for Security Science

Canada

Agenda

- Overview of Centre for Security Science.
- Role of Paramedic Community of Practice
- Role of Paramedic Portfolio Manager
- Funding Cycle for Science and Technology Research Initiatives
- Relationships

Renewal / Harmonization By Treasury Board

March 29, 2012

Chemical, Biological, Radiological/Nuclear, Explosives Research Technology Initiative (CRTI) 2002 \$175M	Public Security Technical Program (PSTP) 2005 \$13.5M	Canadian Police Research Centre (CPRC) 2008 \$25M
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Harmonization

**Canadian Safety and Security
Program
(CSSP)
2012
\$43.5M annually**

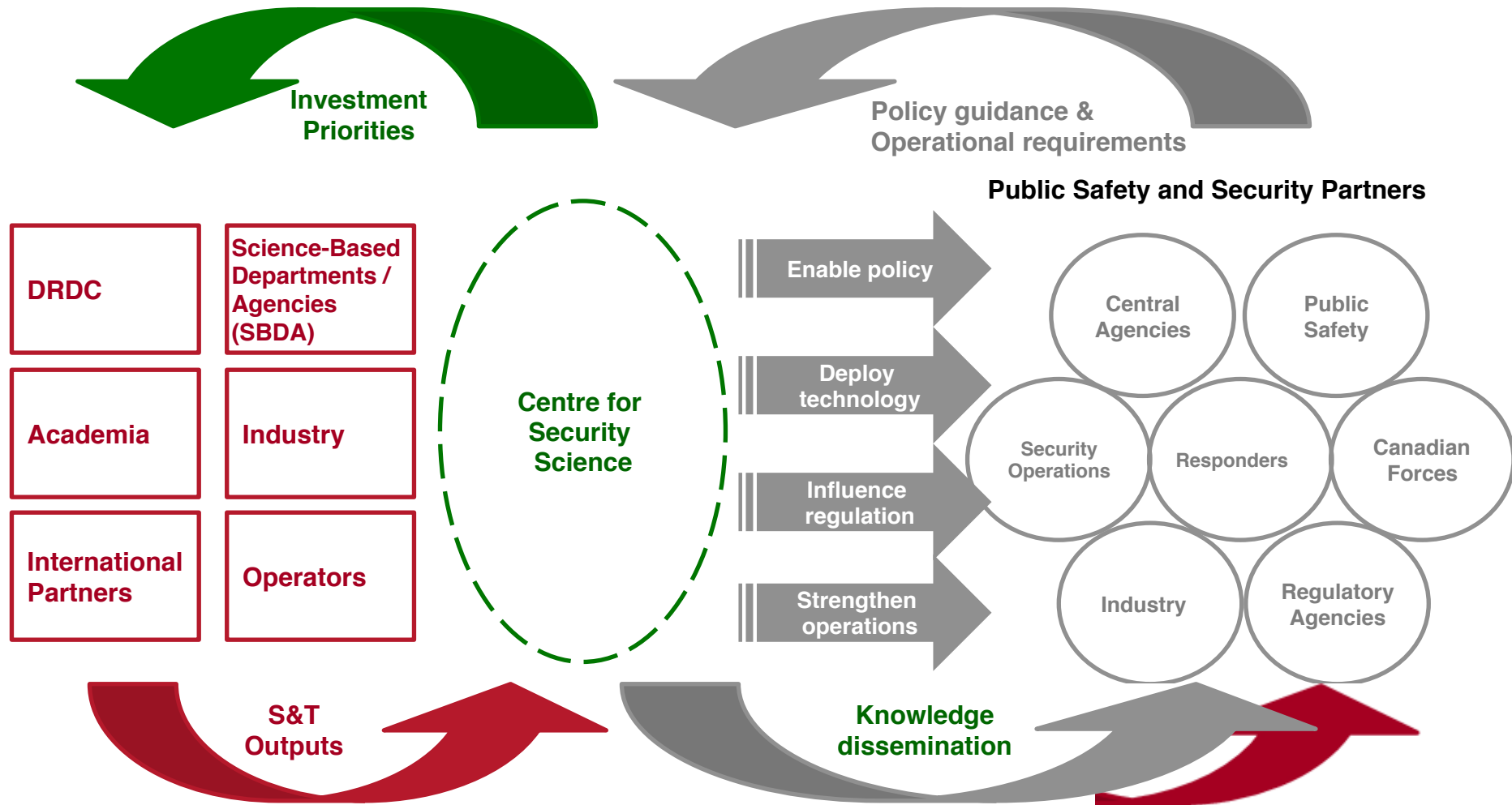
Program Resources

- \$43.5 million annually
- 89 DRDC CSS employees
- 18 partner federal departments and agencies and +1000 active participants
- DRDC CSS Subject Matter Expertise in: Risk Assessment, Operational Research, Interoperability, Cyber-security, Forensics, Emergency Management, Surveillance etc.

Strategic and Operational Scope of CSSP

- Outcome-based management
- Leveraging of national and international expertise
- End-user and stakeholder engagement
- In support of national and federal preparedness and response plans and agreements
- ***Evidence-based analysis and advice to support, policy, regulations, standards and codes***

Public Safety Engagement Model



Strategic Outcome

Long-Term Outcomes

1. *Economic confidence*: Economic vibrancy and sovereignty through resilient institutions and efficient flow across borders and ports.
2. *System Confidence*: Robust national security, intelligence and emergency management system.
3. *Public confidence*: Evolving threats are addressed consistent with Canadian values.

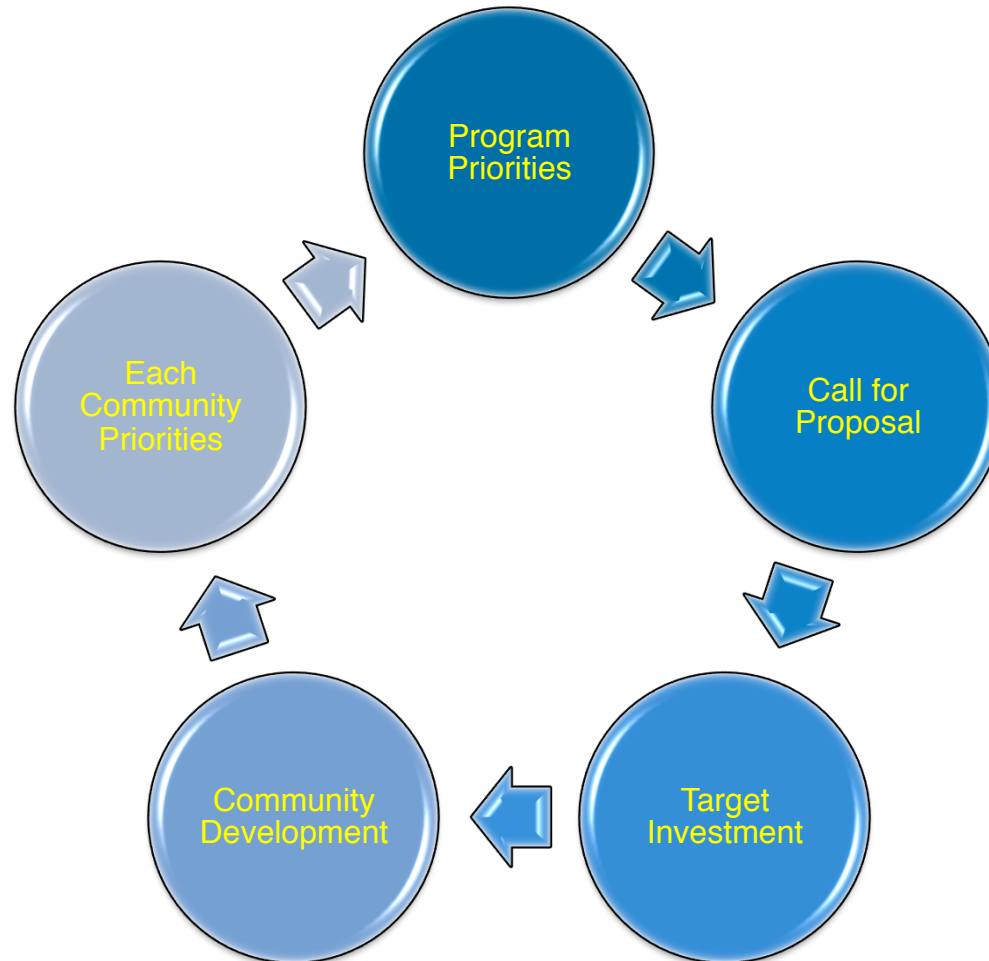
Intermediate Outcomes (3-5 years)

- Evidence-based policy
- Connected and protected practitioners
- Rapid and effective technology transition
- Resilient infrastructure
- Secure and open borders
- Strong communities

Program Delivery

- Competitive Call for Proposals
 - 2013 Open call for projects
- Targeted Investments
 - For investments that were not captured in the call for proposals.
- Community Development
 - Priority setting for each community of practice.

Program Delivery



Community of Practice

- Group of subject matter experts to provide a mechanism for information flow to the paramedic community.
- Leverage opportunities for operational impact and positive outcomes.
- Ability to link with other community of practices to share common goals and gaps.
- Look at annual priority setting for the Paramedic community.

Community of Practices

- **Chemical**
- **Biological**
- **Radiological Nuclear (RN)**
- **Explosives**
- **Forensics (CBRN)**
- **Biometrics for National Security**
- **Border and Transportation Security**
- **Critical Infrastructure Vulnerability, Resiliency and Interdependencies**
- **e-Security (Cyber)**
- **Emergency Management Systems Interoperability**
- **Psycho-Social**
- **Fire**
- **Law Enforcement**
- **Paramedics**
- **Risk Network**

Paramedic CoP Goals

- **Facilitate knowledge management in the Paramedic profession and to help with the exchange of ideas.**
- **Be strategic leaders, collaborate and foster relationships with other Communities of Practice.**
- **Enable the Paramedic community to help others to protect the lives and livelihood of Canadians through evidence based research.**

Paramedic COP Priorities

- **Defining Practitioner Competencies**
- **Levels of Service**
- **Evaluation of Community Paramedicine**
- **Social Media**
- **Human Health and Resources Tracking**

Program Governance

**Assistant Deputy Ministers
Steering Committee**

- Approval of the Strategic Planning Guidance (SPG)
- Program Investments
- Program performance evaluation

**Advisory Board
External Perspective**

- Provide strategic program advice and input into priorities.

**Directors General Committee
Program Management Board**

- Recommend projects and program investments

Portfolio Managers

Fire COP

Law
Enforcement
COP

Paramedic
COP

- Identification of risks, vulnerabilities and capability gaps;
- Identification and recommendation of program investment priorities;
- Providing expert knowledge and advice

Projects and Activities

1. Recommended Equipment List (REL) for CBRNE.
2. Electronic medical record integration.
3. Paramedic Leveraging Guide.
4. Paramedic Physical Demands Analysis.
5. Communication Centre Workload Analysis and Predictive Modelling

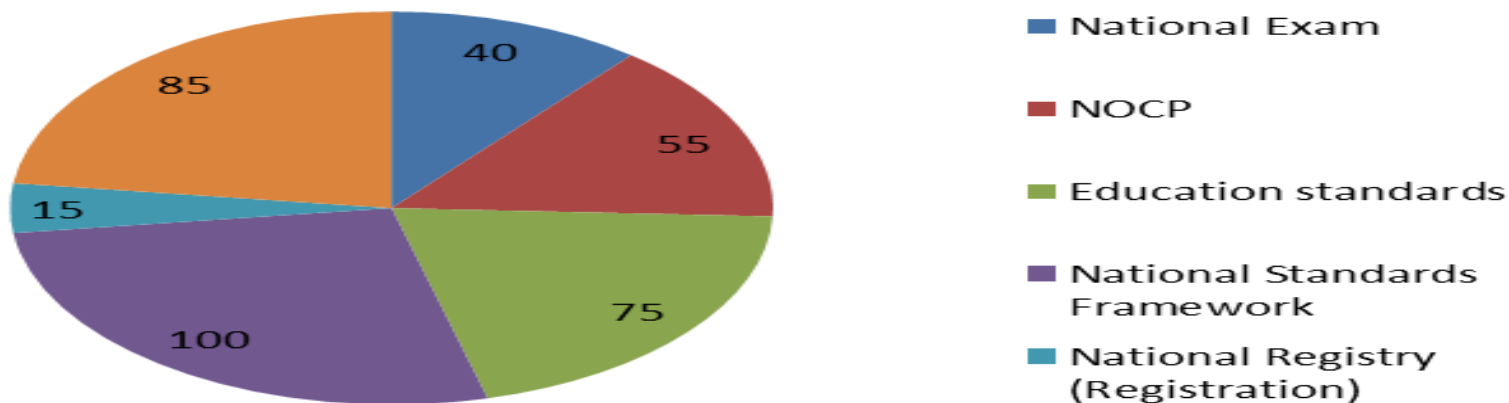
Projects and Activities con't

6. Canadian Standards Project.
7. Creation of National Database.

Projects related to PAC's Goals

National Exam	NOCP	Education standards	National Standards Framework	National Registry (Registration)	National research strategy
	20	15	20		15
	15	10	10		10
20	20	20	20		20
15		15	20		10
		5	15		10
				5	5
5		10	15	10	15

Paramedic Association of Canada



Discussion



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