

THE **FIVE R&D RESEARCH WORKSHOP** TO **COUNTER VIOLENT EXTREMISM**

Hosted by Science and Technology Directorate,
Department of Homeland Security



INTRODUCTORY BRIEF

July 20th-24th, 2015
Washington, DC



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Workshop Objectives

1. Share CVE priorities and research from a government perspective,
2. Define overlapping CVE mission areas,
3. Identify mutual CVE research gaps,
4. Identify CVE R&D program areas of mutual interest, and
5. Identify priorities for short and long term R&D engagement.

GOAL: Establish a multiyear and multinational R&D agenda to address research areas of mutual interest.



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Why the “Five R&D” ...

The threat posed by violent extremism is neither constrained by international borders nor limited to any single ideology. Furthermore, increasingly sophisticated use of the Internet, social media, and information technology by violent extremists adds an additional layer of complexity.

Collaboration is essential in resolving complex challenges such as violent extremism. The Science and Technology Directorate is committed to promoting international cooperation in this effort to assist our global partners in countering violent extremism.

Australia, Canada, New Zealand, United Kingdom, and the United States have an extensive history of cooperation regarding national security priorities. This relationship is commonly referred to as the “Five Eyes” intelligence alliance, whose origin can be traced back to World War II.

We have chosen to refer to this group in the context of the CVE workshop as the “Five R&D” in order to delineate our vital efforts to promote research and science based initiatives from the mission space of solely an intelligence sharing alliance.



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Demand Drivers

Threat of Violent Extremism



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Policy & Strategy

2015 National Security Strategy

- ✓ "We have emphasized community-based efforts and local law enforcement programs to counter homegrown violent extremism and protect vulnerable individuals from extremist ideologies that could lead them to join conflict overseas or carry out attacks here at home."



DHS S&T/Resilient Systems Division (RSD) Strategic Priority Area:

- ✓ "Conduct, catalyze, and survey scientific discoveries and inventions relevant to existing and emerging homeland security challenges."



Strategic Priority identified in 2014 Quadrennial Homeland Security Review

- ✓ "Our efforts to countering violent extremism emphasize the strength of local communities and the premise that well-informed and well-equipped families, communities, and local institutions represent the best defense against violent extremism."



Strategic Implementation Plan for Empowering Local Partners to Prevent Violent Extremism in the U.S.

- ✓ "Improve our understanding of violent extremism through increased research, analysis, and partnerships with foreign governments, academia, and nongovernmental organizations."

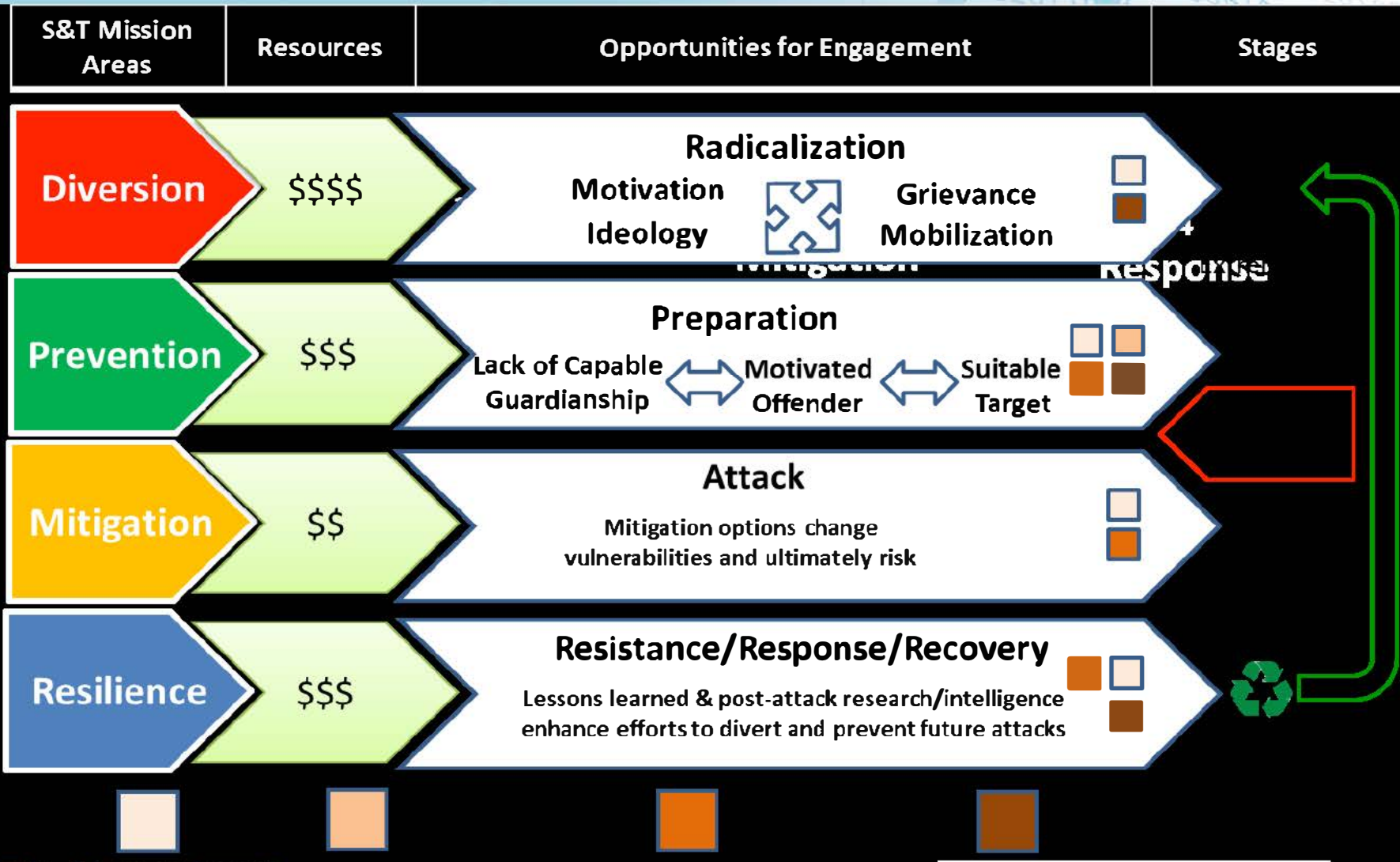


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DHS S&T Technical Approach to CVE: Key Mission Areas



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DHS S&T Technical Approach: Unifying Mission Areas and Capabilities

1. Drivers refine four key mission areas to categorize S&T CVE projects

2. Social Behavior Science capabilities are then applied to the mission area needs to determine most effective strategies for individual projects/solutions

Applied Tools and Capabilities of Social Behavioral Science

Evaluation Process

- Process
- Policy
- Tactics
- Programs
- Techniques
- Procedures
- Technology
- Performance
- Personnel
- Outcomes

Capability Development & Enhancement

- Enhancing Component Capabilities
- Informing DHS Policies and Programs
- Enhancing Technology Acceptance
- Enhancing Interagency Cooperation
- Direct Practitioner Support
- Human Factors Engineering

Data and Analytic Development

- Analysis
- Management
- Data Collection Strategies
- Database Development
- Methodology
- Decision Science
- Measurement
- Statistics
- Computational Social Science

Projects within mission areas will be refined by determining the most efficient intersection of mission need and S&T social science capabilities



3. Unique projects are continuously identified as potential new starts



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What to prepare for workshop...

- ✓ Identify strategic national priorities for future CVE research
- ✓ Identify gaps in current CVE portfolios
- ✓ An understanding of any current multilateral or bilateral CVE initiatives
- ✓ Research priorities & current capabilities and available resources
- ✓ Novel ideas for potential international projects or agreements
- ✓ A willingness to engage proactively and seek mutual agreements to strengthen our ability to deteriorate the threat of violent extremism through effective CVE programming



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