



Infrastructure Analysis and Strategy Division (IASD)

Engaging the Critical Infrastructure Key Resource Sectors

Presented 4 June 2008, by Leslie Sibick, Branch Chief, Research & Development Analysis Branch

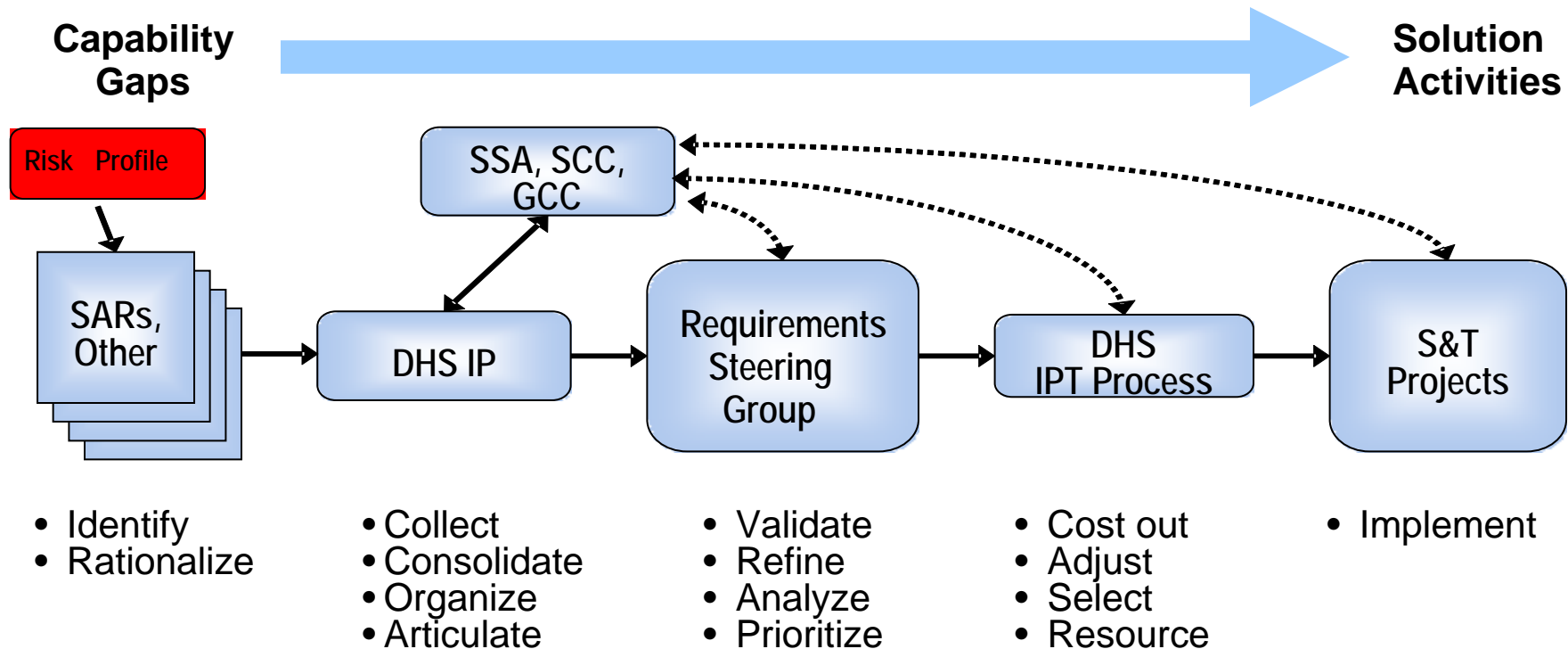


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Sector Requirements Process-History

- Office of Infrastructure Protection's Infrastructure Analysis and Strategy Division (IASD) created requirements process in December 2006 for the Infrastructure Protection and Chemical/Biological Defense Integrated Product Teams (IPT)
- IASD used the Sector Specific Plans, Sector Annual Reports, Critical Infrastructure Protection R&D Plan, and Strategic Homeland Infrastructure Risk Analysis to identify requirements
- IASD stood up the Research & Development Analysis Branch in 2007 to continue developing relationship with Sectors and S&T
- R&D Analysis branch staff began refining and institutionalizing the requirements generating process throughout fall/winter 2007

SAR and Capability Gaps Generations Process



Engaging with S&T Chem/Bio Division

- Office of Infrastructure Protection (IP) provides Federal leadership for Critical Infrastructure, Key Resource Sectors
- Every Sector has requirements that involve the Chem/Bio R&D mission space
- IP has regulatory authority for Chemical Sector and has direct Chemical Sector management through Sector Specific Agency Executive Management Office
- Assistant Secretary for Infrastructure Protection (ASIP) co-chair in the Chem/Bio IPT Capstone
- Office of Infrastructure Protection has consistently encouraged Sectors to send representatives to the chemical and biological working groups to ensure a positive impact throughout project development

Engaging with S&T Chem/Bio Division

- Chem/Bio Working Groups provide the venue for Sector end-users to “roll up sleeves” with S&T program managers and refine capability gaps into full fledged programs
- Partnership between S&T and Sector end users ensure that the solutions developed are validated and serve the needs of requesting sector/industry/agency
- S&T and Sector customer prepare Technology Transition Agreement to solidify commitment to projects under specific requirements
- ASIP signs TTA to ensure continuing support for projects (3-5 year projects) through personnel reassignments, reorganizations, etc.

Sector Engagement Success-New S&T Projects

- Safe Hazardous Chemicals Explosives or TIH/PIH Impacts
- Reversible Safing of Transported Hazardous Chemicals
- Technology to Determine Origin of Suspect Commodities
- Security Measures for Food Safety and Food Defense
- Screening Parcel and Letter Mail for CBRNE
- Mass CBRNE Decontamination System
- Methods to Contain, Treat, Decontaminate and Dispose of Contaminated Water and Materials
- Decontaminate the Mail System in Event of Exposure to Bio Hazards
- Investigate New Methods for Clean-up of Chemicals



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