

UNCLASSIFIED



Joint Program Executive Office for Chemical and Biological Defense

Joint Program Executive Office for Chemical and Biological Defense

WMD Destruction/Proliferation Prevention



Carmen J. Spencer
Joint Program Executive Officer for
Chemical and Biological Defense
410.436.4141

April 2014



Distribution Statement A: Approved for public release; distribution is unlimited.

www.jpeocbd.osd.mil



Requirement



Deployable Destruction Capability

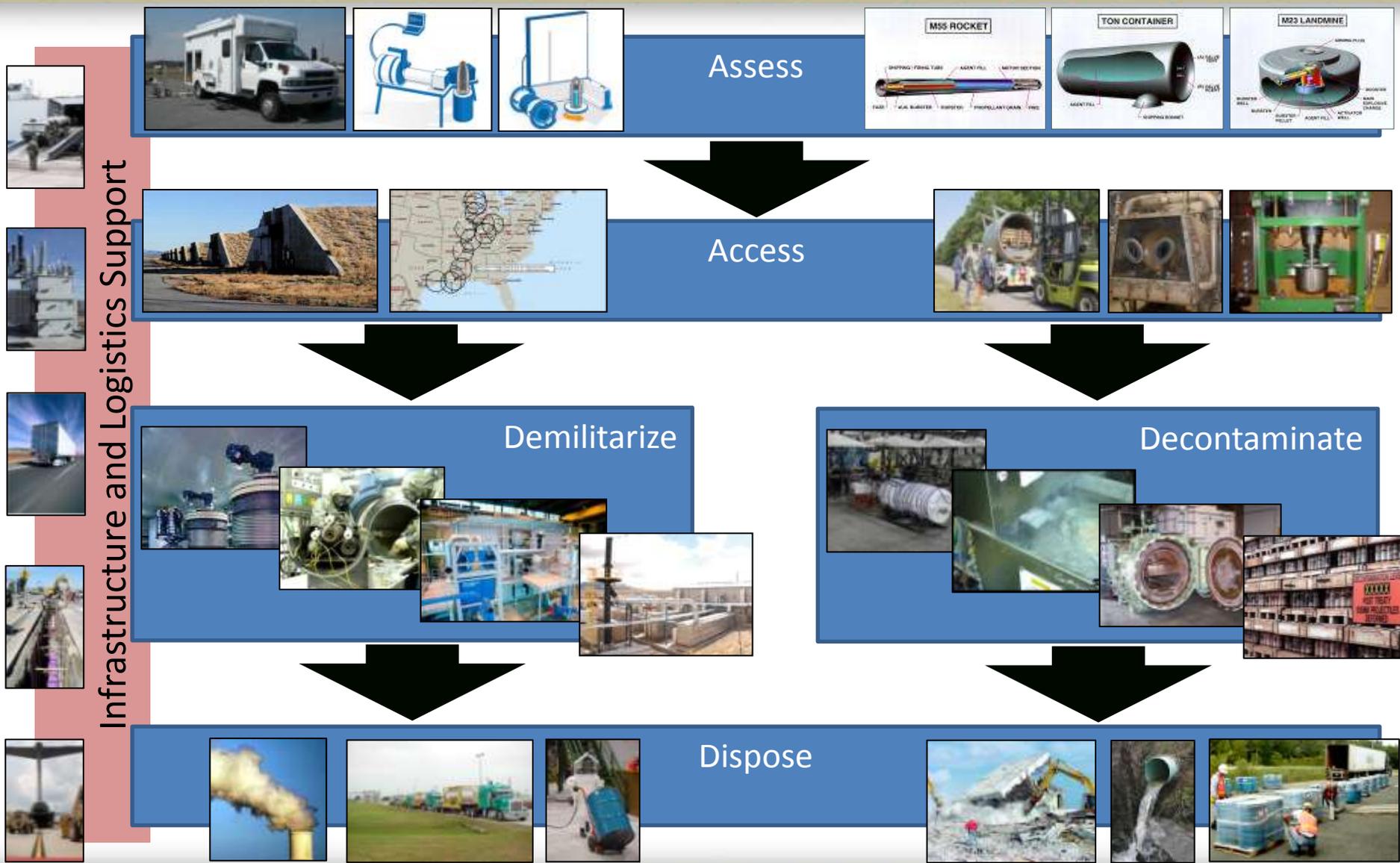
- **Approved JEON- US STRATCOM with US Army as lead**

******Bulk**

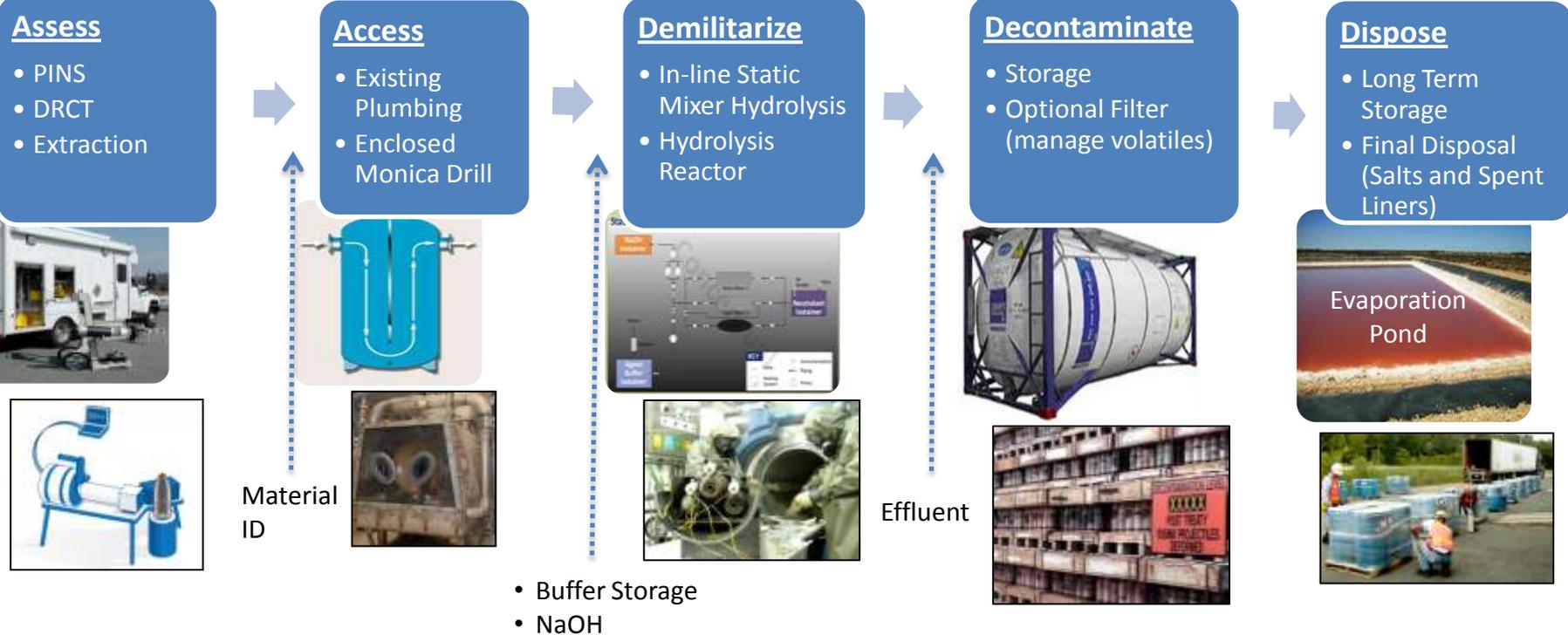
- **DEPSECDEF MEMO WMD Destruction Capability**
- **ARMY Deployable Destruction System Draft CDD**
- **4 FDHS systems funded for procurement only**

“Shaping solutions with industry with existing and emerging technologies”

Elements of WMD-E Destruction



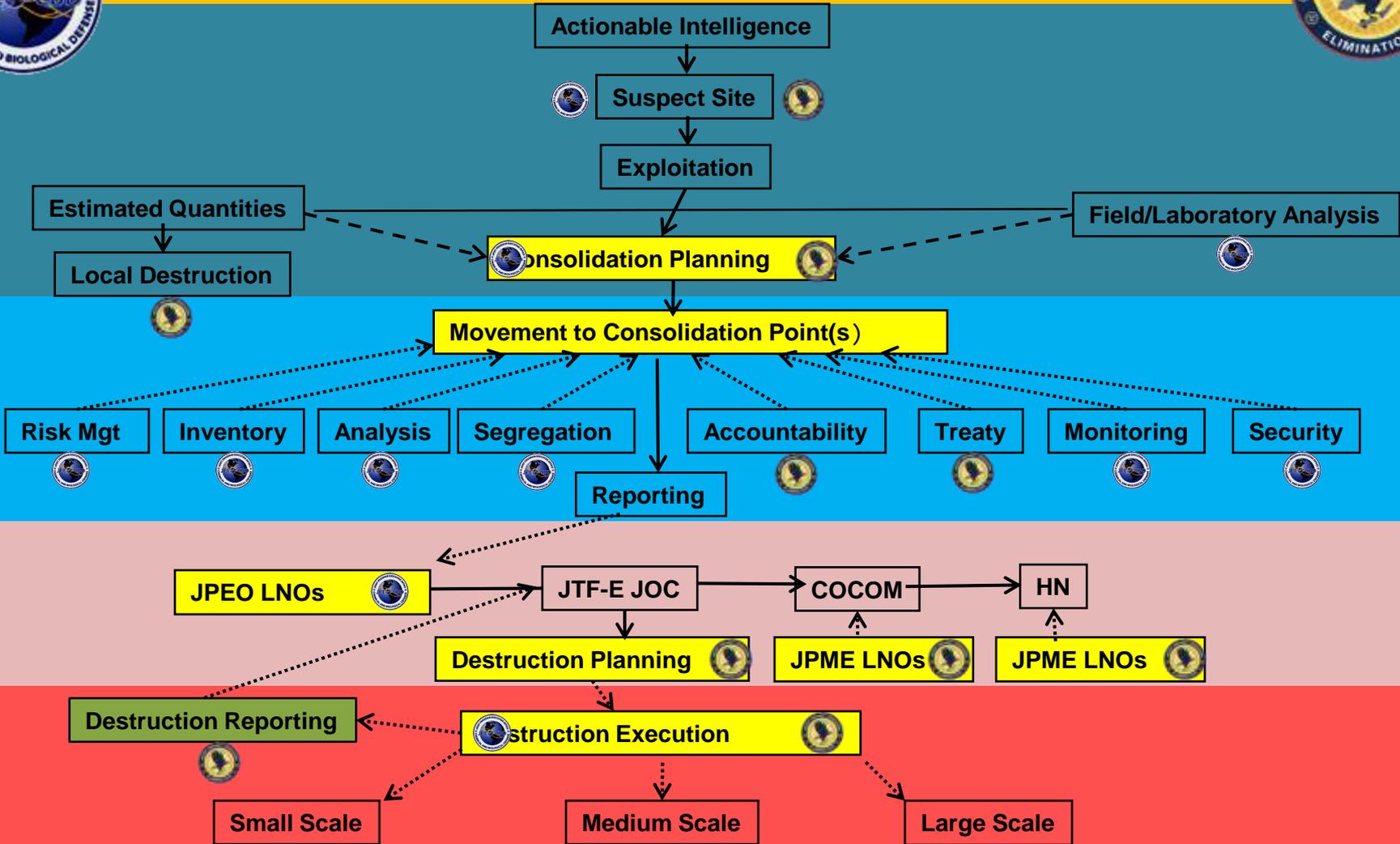
System of Systems Approach



System of Systems Provides the Most Flexible Approach to Current Threats



Consolidation and Destruction Process



“Leverage the entire JPEO Portfolio”



Capability Assessment

	Hostile	Semi-Permissive	Unknown	Permissive	Bulk Container – Tank (>200 gal)	Bulk Container (<200 gal)	Mortars/Projos (<7 lbs TNT equiv)	Projos > 7 lbs TNT equiv	Bombs	Rockets (man portable)	Rockets (not man portable)	Laboratory equipment	Production facilities
Incineration		✓			✓	✓			✓				
Detonation		✓		✓			✓	✓		✓			
Hydrolysis	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

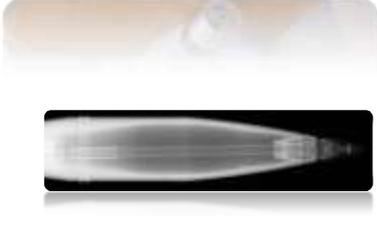
Develop and manage A menu of technologies given the time and space requirements of the mission



Weapons of Mass Destruction Elimination (WMD-E) ATD

Goal: To development and demonstrate a new capability for effective destruction/proliferation prevention of chemical and biological warfare (CBW) material and threats across a broad range of military missions.

Description of Effort: Program will focus on near-term gaps in the ability of Warfighters to conduct Consolidation, Exploitation and Destruction operations during a WMD-Proliferation prevention mission. Gaps will be identified and solutions developed for destruction activities that support small-to-large quantities of CBW agent in non-permissive, semi-permissive and permissive operational environments.



Planned Focus Areas:

- CONSOLIDATION – Surveillance; Presumptive and confirmatory analysis of threats and transportation
- PROLIFERATION PREVENTION –Adulteration approaches; physical and chemical alteration/disablement
- DESTRUCTION –Next-generation destruction technologies for bulk/munition; Destruction consequence management
- Information Reachback and situational awareness

Stakeholder Alignment:

- Technical: ECBC
- Operational: CBRN General Purpose Force/Specialized Units, SJFHQ-E
- Transition: JPM-Elimination (P), DTRA J3-CTC

Major Goals/Milestones:

- FY14 – Program scoping activities
- FY15 – Program kickoff and focus area feasibility studies
- FY16 – Focus area downselects, initiate prototype development
- FY17 – Complete development, Tech/Op Demonstrations, transition

Funding (BA3 RDT&E – CBDP TT3):

FY14	FY15	FY16	FY17
\$400K	\$6,257K	\$6,575K	\$5,546K

DTRA POC:

Mr. Ryan Madden, (703) 767-3407, ryan.madden@dtra.mil
 Mr. Markham Smith, (703) 767-3292, markham.smith@dtra.mil



QUESTIONS?

***The BEST Technology and Equipment
At the RIGHT PLACE
At the RIGHT TIME
At the RIGHT COST***



Mr. Gary Wright

Chief, Contracting Operations Division
Joint Program Executive Office for
Chemical and Biological Defense
(410) 436-5663

gary.wright4.civ@mail.mil

Find this briefing at:

<http://www.jpeocbd.osd.mil/Packs/Default.aspx?pg=410>