



2007

Global Demilitarization Symposium and Exhibition



AMMUNITION PECULIAR EQUIPMENT (APE)

Joint Munitions Command APE Enterprise Overview

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APE Enterprise Update Outline



- History and Mission
- Organization
- Current Thrusts
- ASP Review
- New Equipment
 - [Video](#)
- Demilitarization Facility (Korea)



The APE Story

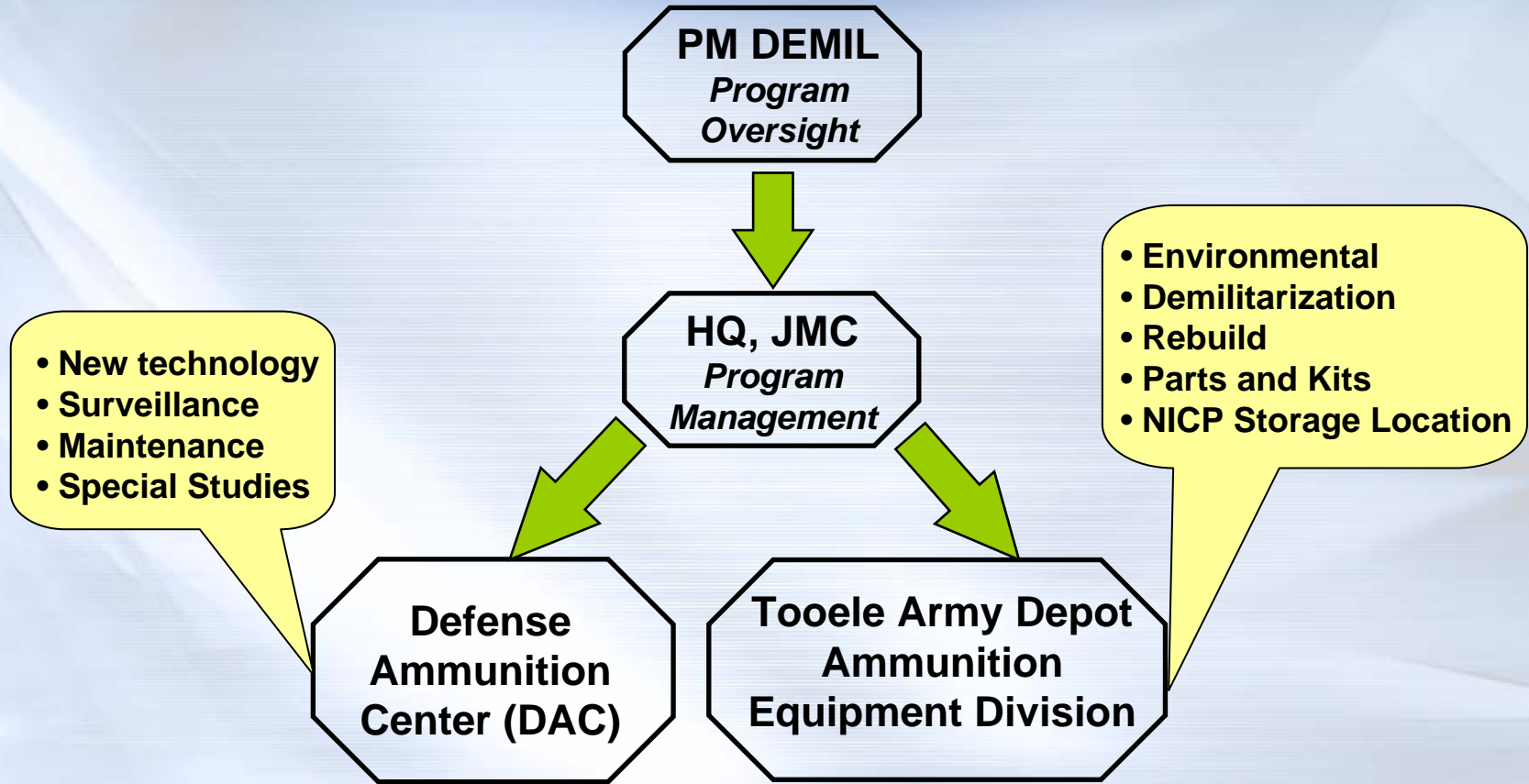


Established in 1955 with the mission of developing Ammunition Peculiar Equipment (APE) in support of maintenance, renovation, repair, and demilitarization of returned munitions.



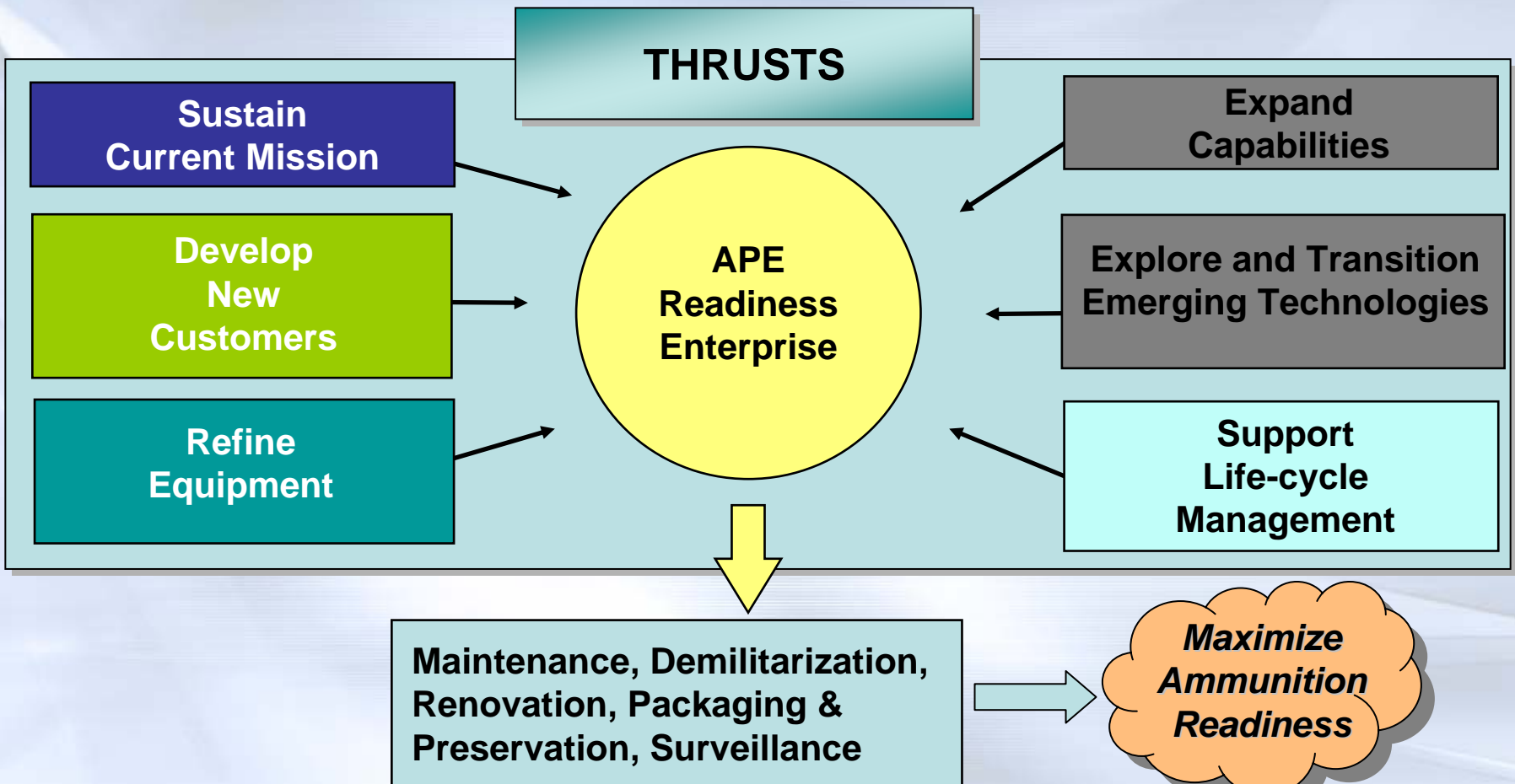


APE Enterprise Organization





Ammunition Peculiar Equipment (APE)





Field Ammunition Supply Point (ASP) Requirement Reviews



- Series of visits to ASPs by HQ, JMC and APE Mission Technical Personnel.
- Seven locations on schedule; five completed:
 - Ft. Campbell, Ft. Knox, Camp Attebury – April 2007
 - Ft. Irwin (National Training Center), Ft. Lewis – May 2007
 - Ft. Sill, Ft. Bragg -- June 2007
- ASPs are authorized APE, most have only a few APE items.
- Equipment needs have been identified, process is on-going.



Field Ammunition Supply Point (ASP) Requirement Reviews



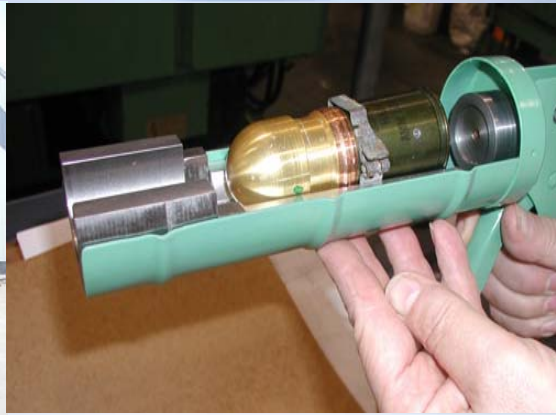
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New Enterprise APE



**APE 1965 Mobile
Ammo Insp. Workshop**



**APE 1277 40mm
Positioning Tool**



**M16 Magazine
Unloader**



**Automated Tactical Ammunition Classification
System (ATACS)**



**APE 1408 Classification System
Safety Certification System**



Proven and New Technology for DEFAC



Proven Systems



Flashing Furnace

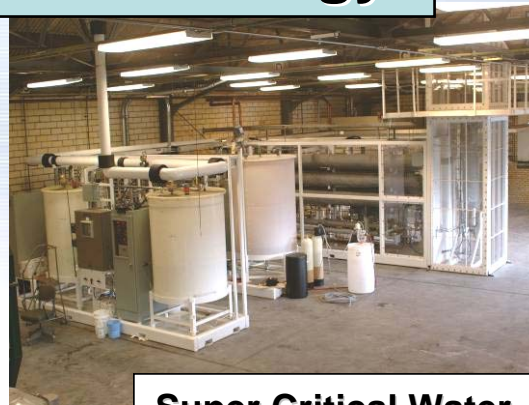


Autoclave Meltout

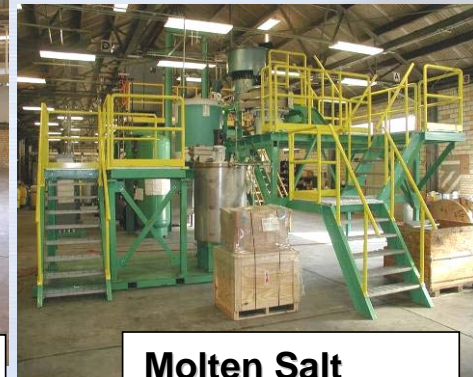
New Technology



Propellant Conversion to Fertilizer

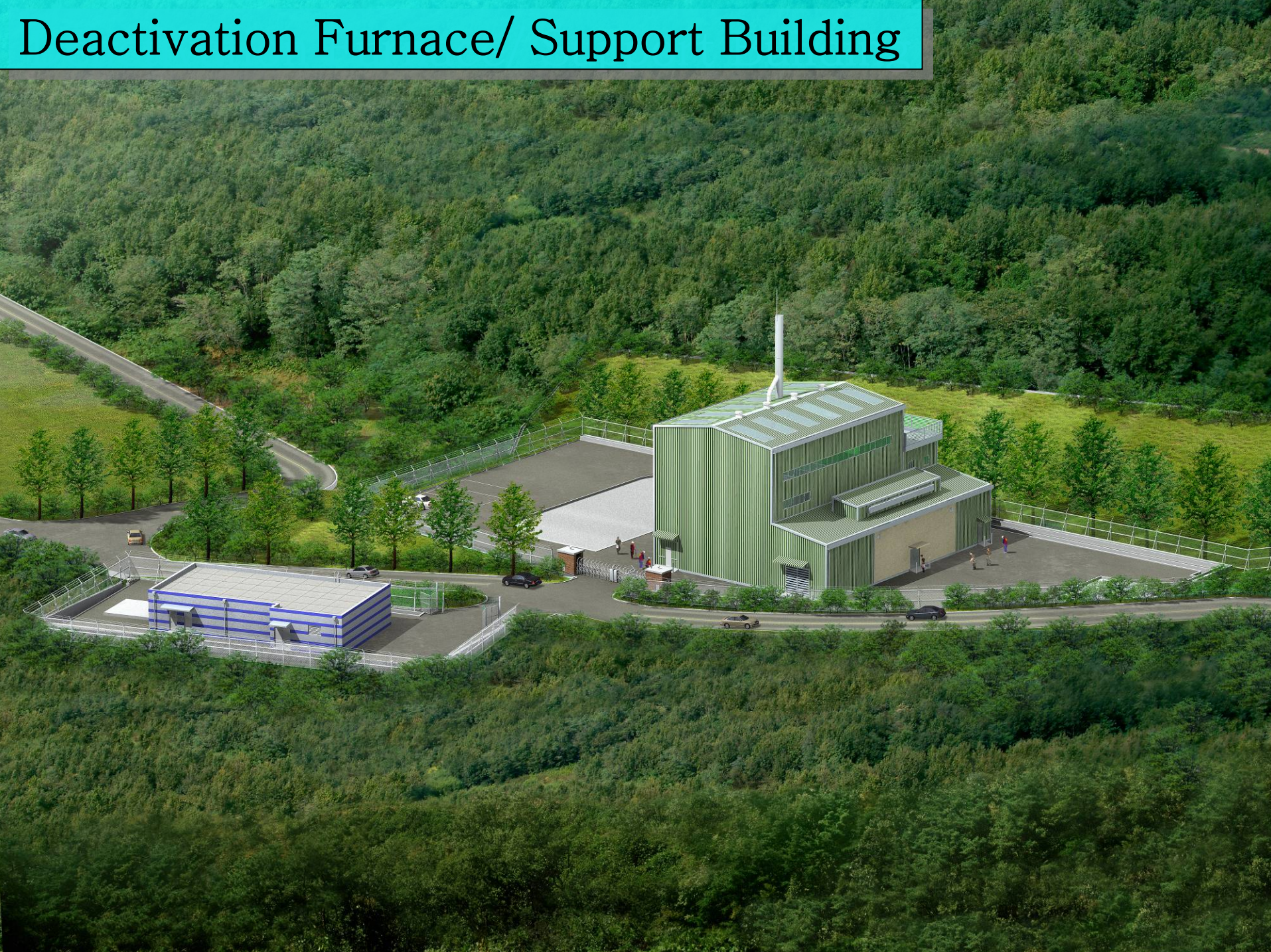


Super Critical Water Oxidation (SCWO)

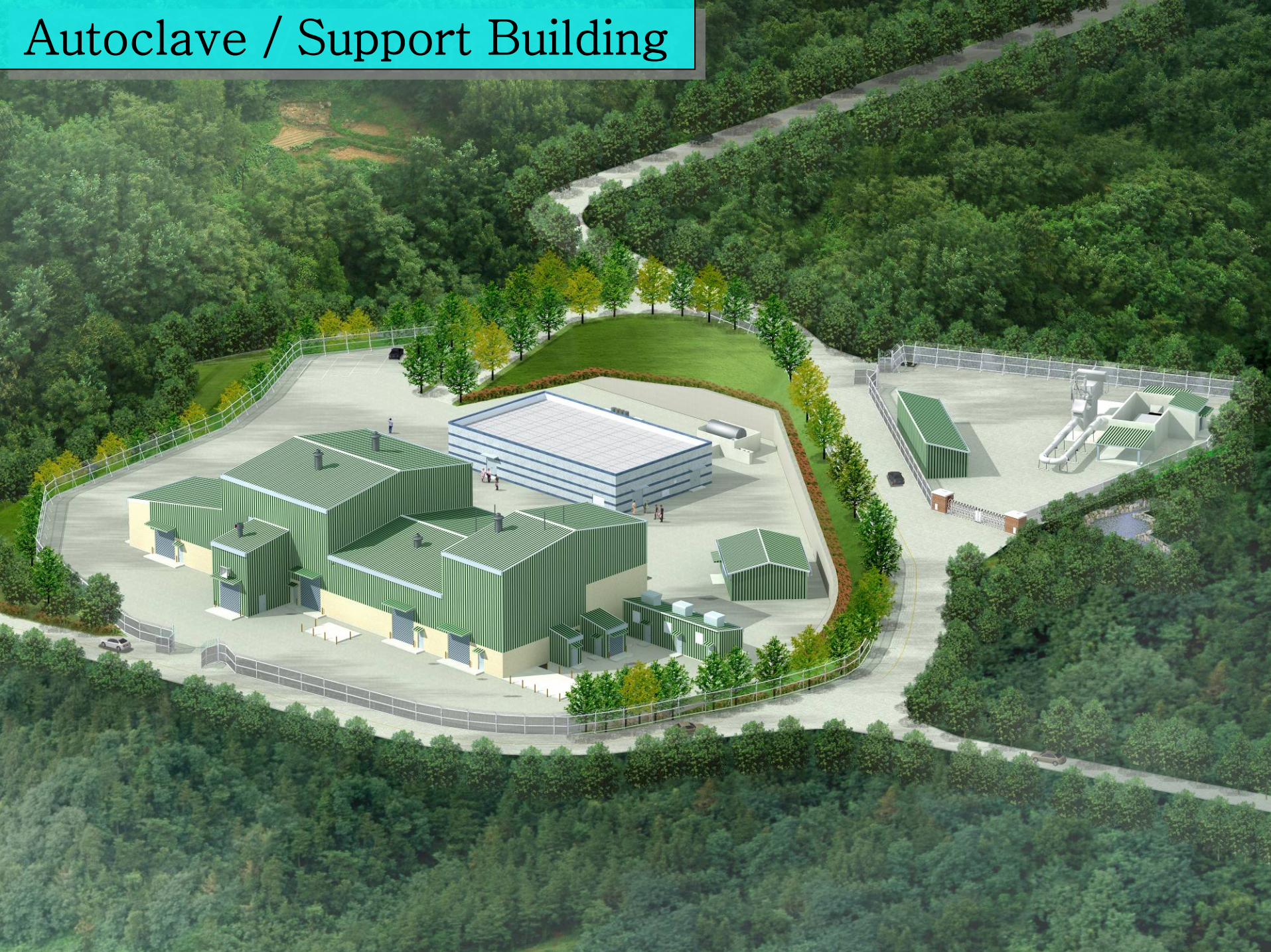


Molten Salt Oxidation (MSO)

Deactivation Furnace/ Support Building



Autoclave / Support Building



Propellant Conversion to Fertilizer Building





Korea DEFAC Status



- DOD directed changes to the 2003 DEFAC MOA and MOA Annexes.
 - The revised MOA must receive C175 (Dept of State) approval prior to signature.
 - DoD expressed strong support for the DEFAC concept.
 - Agreements should be signed in time to commence demilitarization of US titled assets in FY2009.
- US entered into intensive negotiations with Republic of Korea Ministry of National Defense (ROK MND) on 20 March 2007.
 - Tentative agreement was reached on an amended/simplified MLSA-IA .
 - Allows ROK to commence construction and will allow US equipment provided by the JMC to be shipped, installed, and used at the DEFAC site.
 - USFK is currently staffing the MLSA-IA internally.
 - Progress was also made in negotiating the MOA and MOA annexes.



Information Sources



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• *TM 43-0001-47*
Has pictures of APE
items and general
information on APE

INTERNET CATALOG

<https://www4.osc.army.mil/apecat/>

• *APEOPS*

Access it thru the MIDAS Website

Or directly to

<https://apeops.dac.army.mil/>



APE Enterprise



QUESTIONS?

APE is Unique, Responsive, Reliable, Essential, Safe, Cost-Effective