



U.S. DEPARTMENT OF
ENERGY

Nuclear Energy

Progress on Deep Repository Programs Around the World

Andrew Griffith

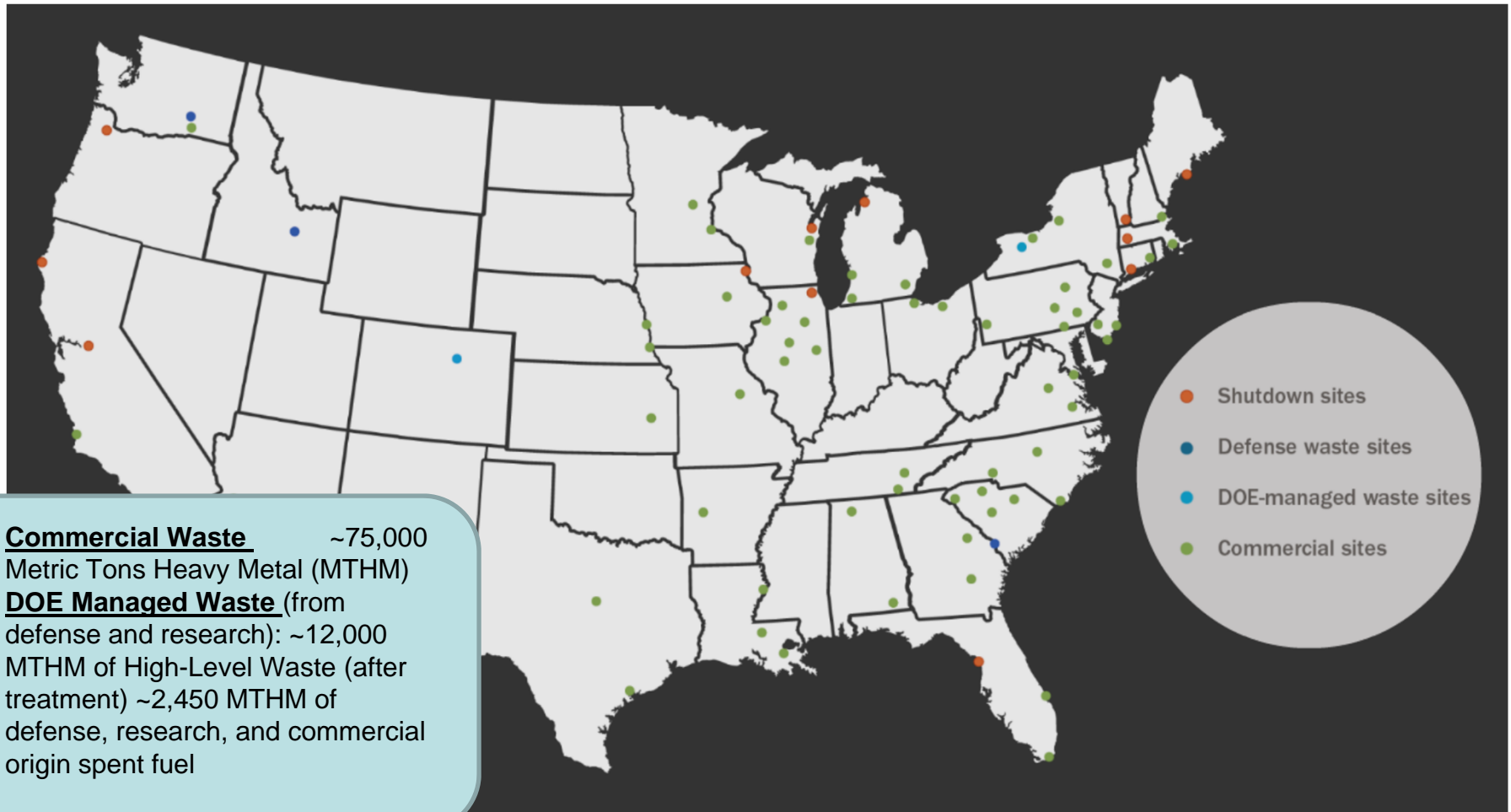
**Deputy Assistant Secretary for Spent Fuel and Waste
Disposition**

**Office of Nuclear Energy
U.S. Department of Energy**

March 2017



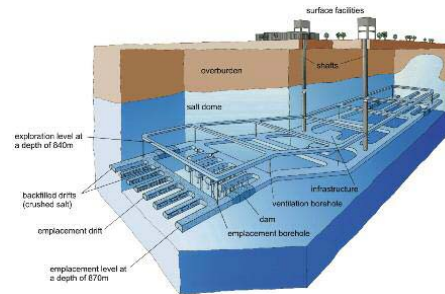
Current State Nuclear Waste Storage



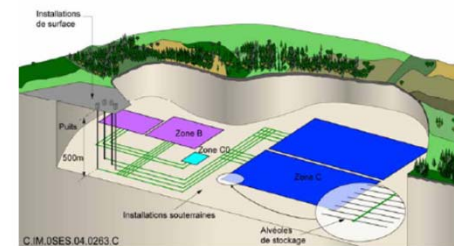


Disposal R&D

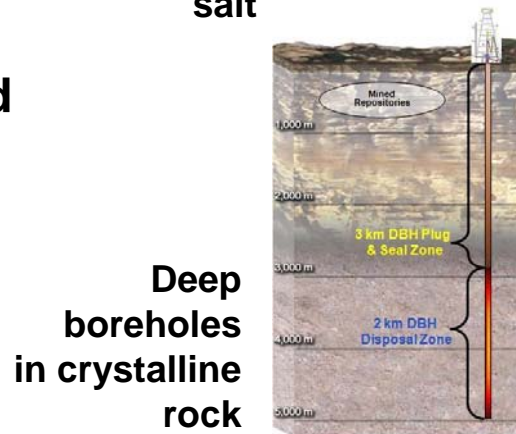
- Provide a sound technical basis for multiple viable disposal options in the US
- Increase confidence in the robustness of generic disposal concepts
- Develop the science and engineering tools needed to support disposal concept implementation
- Leverage international collaborations



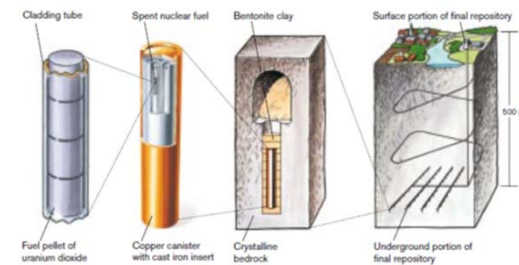
Mined repositories in salt



Mined repositories in clay/shale



Deep boreholes in crystalline rock



Mined repositories in crystalline rock



Waste Management System

What it Could Look Like

