

Oak Ridge: Successful Cleanup of the Oak Ridge Reservation



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OREM's work supports critical Departmental missions in Oak Ridge



- Complete cleanup of Oak Ridge Reservation to:
 - Protect the region's health and environment
 - Make clean land available for future use
 - Ensure DOE's ongoing vital missions

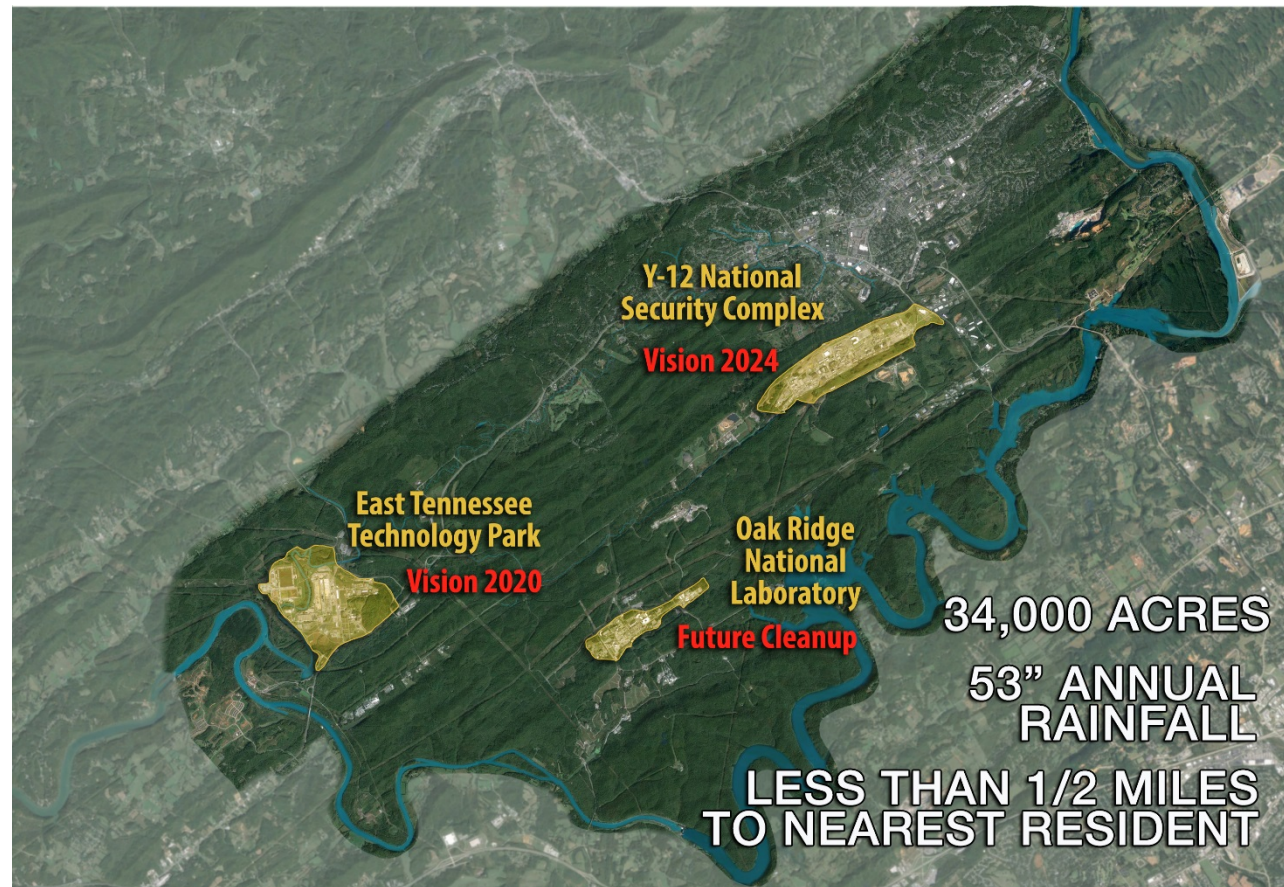


**Our Vision is that the
Oak Ridge Reservation is
Remediated, Modernized, and
Reindustrialized**

ORR includes three distinct sites with a variety of cleanup challenges



- **Lifecycle cost** risk at the East Tennessee Technology Park
- **Environmental** risk at the Y-12 National Security Complex
- **Radiological** risk at the Oak Ridge National Laboratory



OREM has clearly defined plan for successfully completing cleanup



Vision 2016 ✓

Completion of all gaseous diffusion plant demolition at ETTP

Vision 2020

Remaining portion of ETTP cleaned up and reindustrialized

Vision 2024

Expand cleanup work to Y-12 to address mercury contamination



OREM's cleanup approach has resulted in numerous accomplishments



2002: EMWMF Operations Begin



2003: Begin Operation of TWPC



2006: Building K-29 at ETPP Demolished



2006: All 7,000 UF6 Cylinders Removed From ETPP



2006: Melton Valley Cleanup Completed



2011: Removal of Tank W1A at ORNL



2011: New cleanup contract awarded



2010: Building K-25 West Wing Demolished



2009: Initiated Recovery Act Work at Y-12 and ORNL



2009: TSCA Incinerator Closed



2011: Building K-33 at ETPP Demolished



2012: Y-12 Mercury Tanks Prepared for Shipment



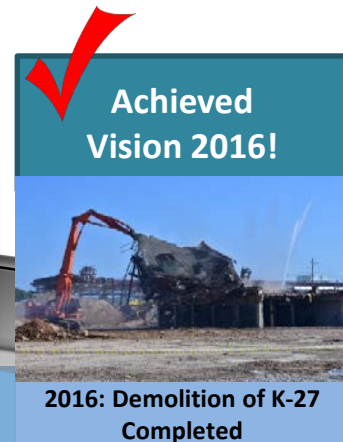
2014: Demolition of K-25 Completed



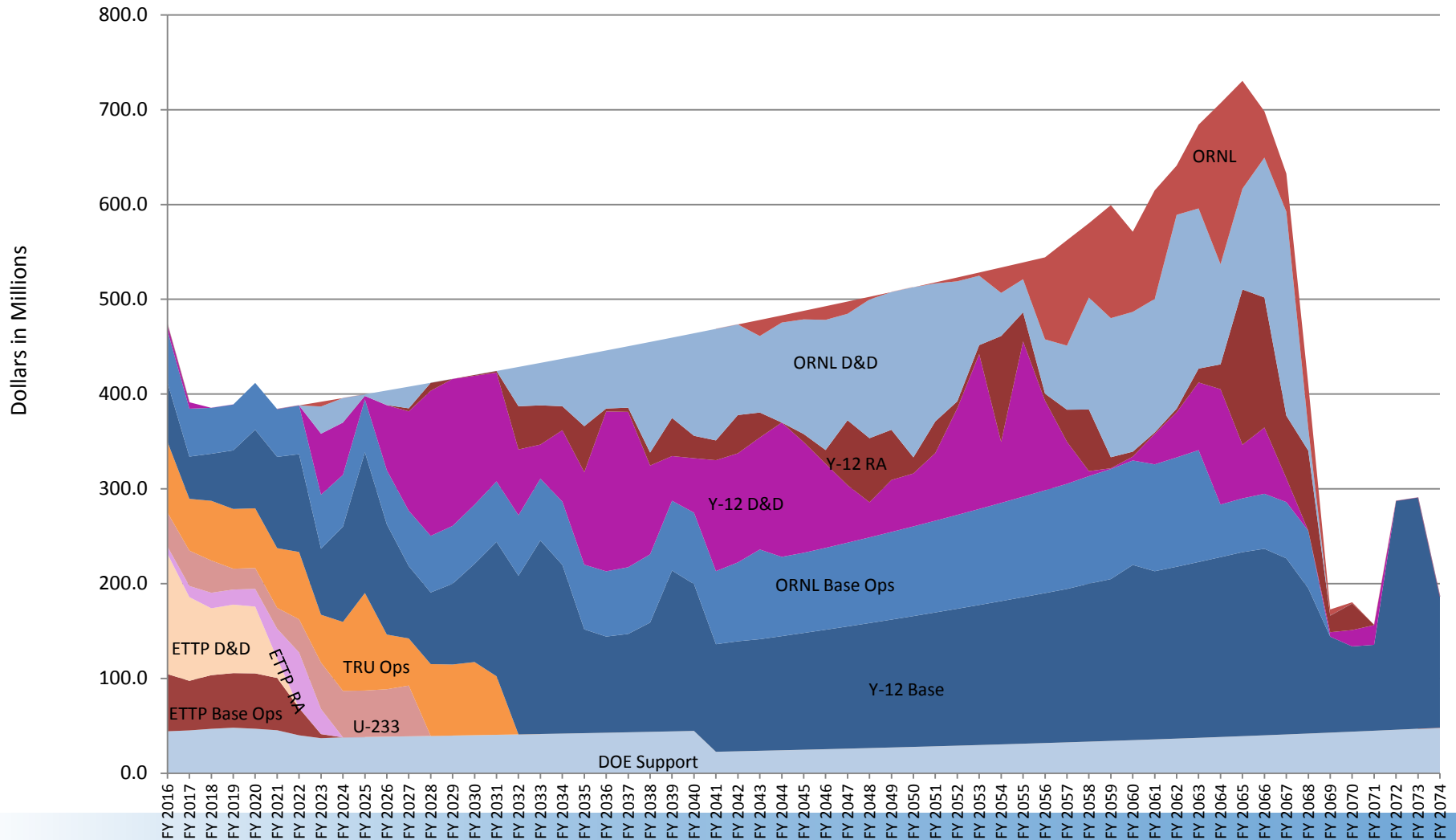
2015: Demolition of K-31 Completed



2016: Demolition of K-27 Completed



Despite tremendous progress, significant cleanup scope remains



OREM is well positioned to maintain our momentum as cleanup continues



- OREM Guiding Principles
 - Remain investment worthy
 - Maintain an unwavering commitment to safety
 - Finish what we start
 - Reduce risk to protect people and the environment



What does it take to remain investment worthy?



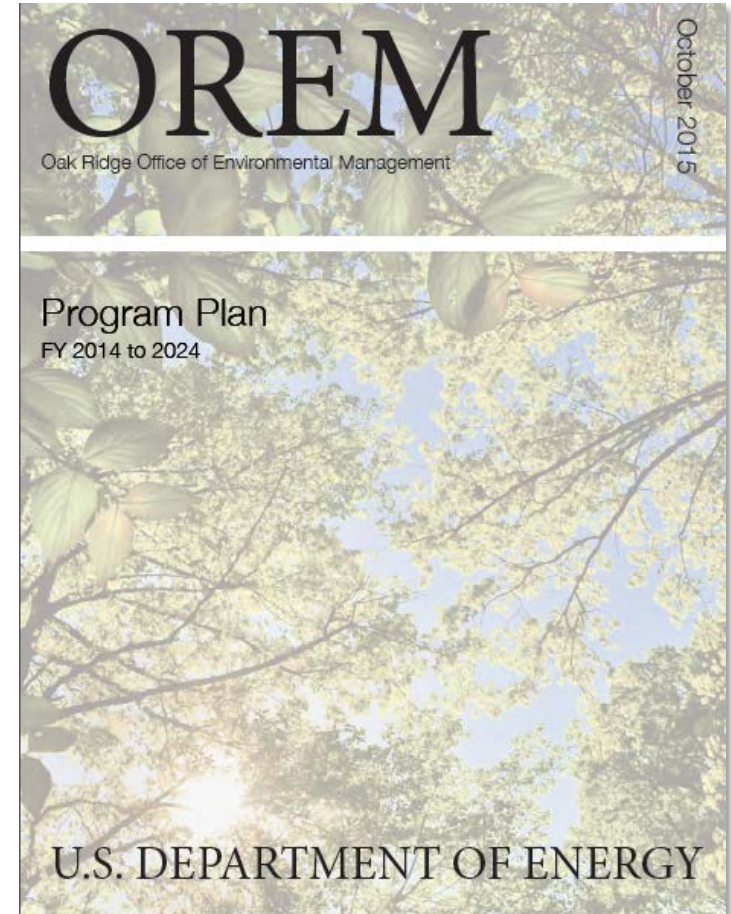
- Understanding what needs to get done and a plan to achieve it
- Partners and stakeholders who support the program's vision
- Clear and consistent message
- Federal and contractor relationships that include a genuine commitment to each other's goals



OREM has a comprehensive plan for completing cleanup in Oak Ridge



- Forward-looking 10-year plan focused on program's priorities
- Includes both project and organizational objectives
- Provides clear expectations for the workforce
- Ensures everyone is striving toward the same goals



Oak Ridge has captured all remaining cleanup into a well-developed program



- Integrated Facilities Disposition Program (IFDP)
 - Identifies remaining environmental legacies on the Oak Ridge Reservation
 - Includes 80+ demolition and remediation projects and spans nearly three decades
 - Makes unneeded land/facilities available for economic development or growing missions in science and national security



OREM will use lessons learned to ensure continued cleanup success



The best management practices, construction logic, and lessons learned through the successful cleanup projects at ETTP...



... will be applied as DOE transitions to the next phase of large, high-priority D&D projects at Y-12 and ORNL

OREM collaborates with our partners to position us for sustained success



People

- Committed to safely accomplishing the mission
- Maintaining a strong team is critical to success

Partnering

- Genuine commitment to each other's goals
- Focus on developing a collaborative relationship

Integration

- Build fully cooperative integrated project teams
- Create an environment of inclusion and openness

Collective Thinking

- Challenge each other to look at the big picture
- Develop a comprehensive vision together

Communication

- Develop consistent and common messages
- Strategic focus on stakeholder engagement

Accomplishing our goals results in annual budget increases



Budget

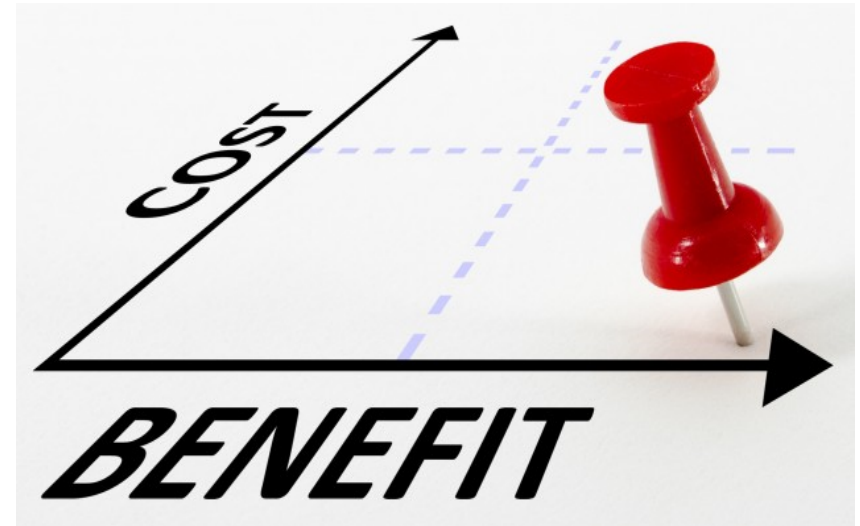
	FY 2013 Enacted	FY 2014 Enacted	FY 2015 Enacted	FY 2016 Enacted	FY 2017 Planning
Defense	\$202	\$234	\$239	\$252	\$252
Non-Defense	\$ -	\$ -	\$2	\$6	\$6
D&D	\$200	\$196	\$190	\$212	\$212
Total	\$402	\$430	\$431	\$470	\$470

Dollars in Millions

Cleanup dollars in Oak Ridge deliver a significant return on investment



- Contractors consistently provide savings with positive cost and schedule performance
- Large percentage of cleanup work in Oak Ridge being performed by small businesses
- ~6,200 full-time jobs created in Tennessee by OREM including both direct and indirect employment
- OREM and its contractors donated more than half a million dollars to various local charities



OREM is positioned for continued success on future program priorities



- Implement ETTP Closure Plan
- Construct necessary infrastructure to support Y-12 and ORNL cleanup
- Transition funding to Defense Cleanup Account
- Reduce risk and stabilize excess contaminated facilities

