



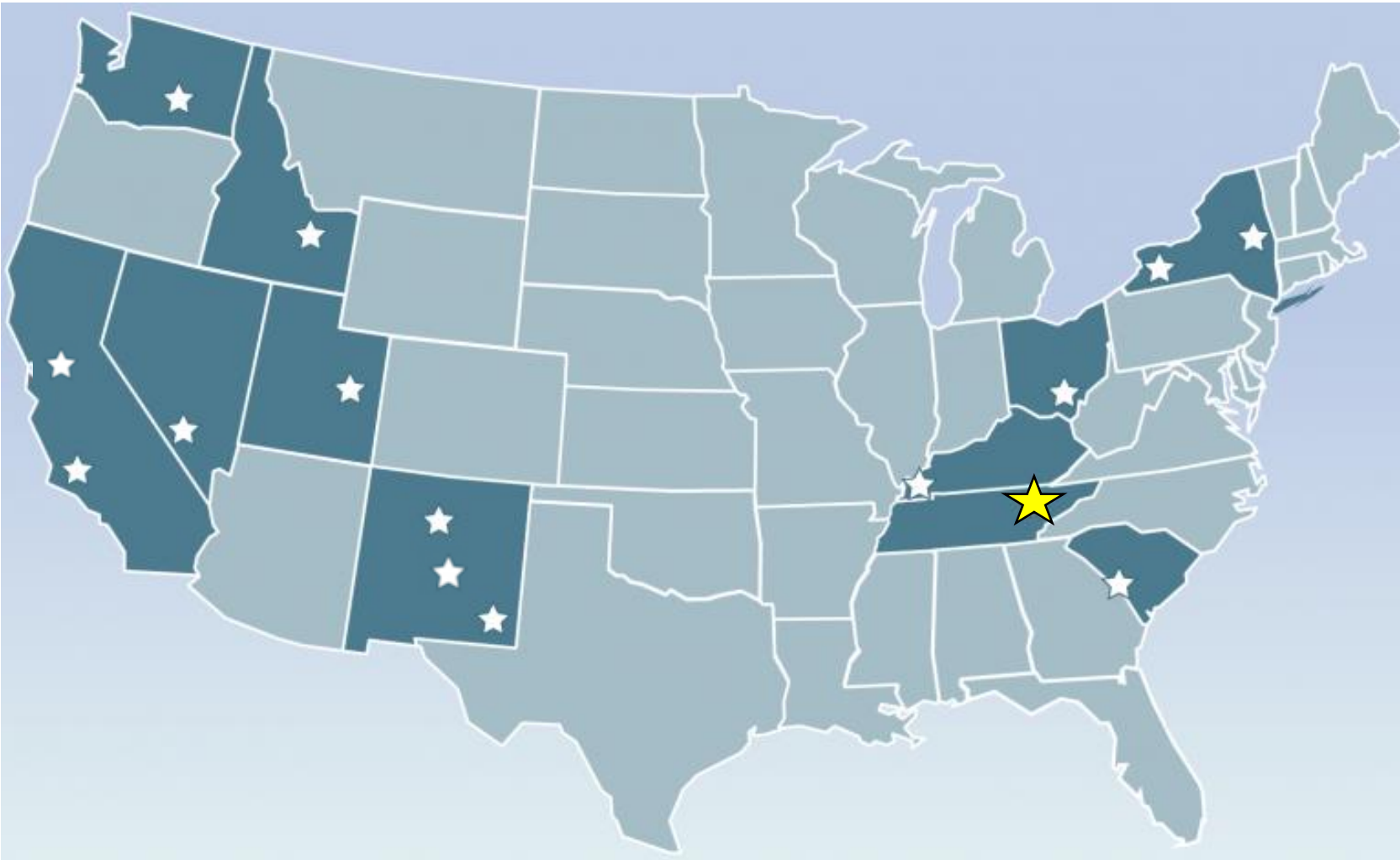
# **Oak Ridge Site Specific Advisory Board Annual Meeting**

August 13, 2025



# The Office of Environmental Management has 15 active cleanup sites nationwide

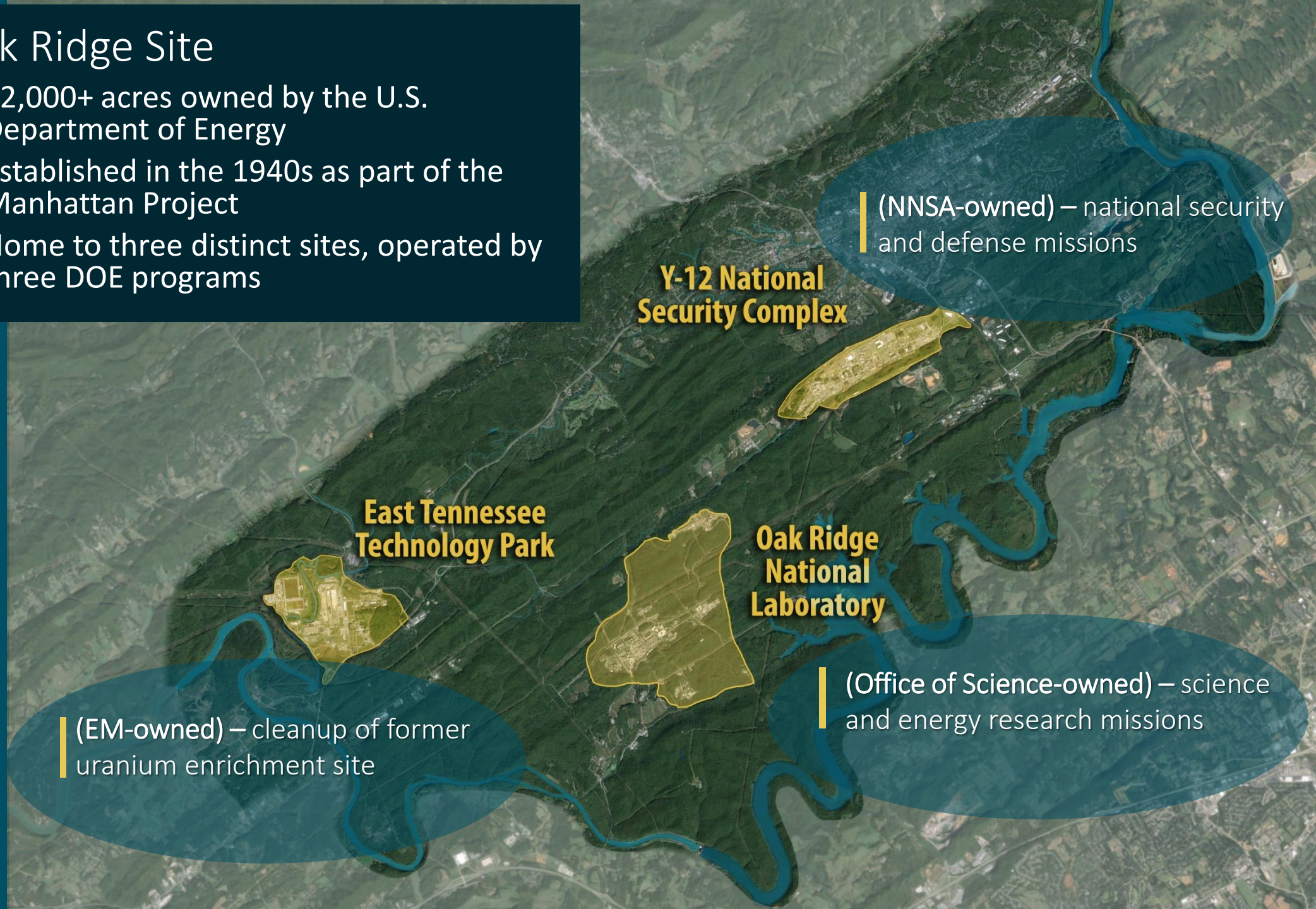
- EM is the largest nuclear cleanup program in the world, and it is responsible for addressing nuclear sites used to support the Manhattan Project and Cold War
- Oak Ridge is one of the largest EM cleanup sites





# Oak Ridge Site

- 32,000+ acres owned by the U.S. Department of Energy
- Established in the 1940s as part of the Manhattan Project
- Home to three distinct sites, operated by three DOE programs





# Our mission is positively impacting the region

1.

Protecting  
human health  
and the  
environment



2.

Enabling  
critical  
ongoing DOE  
missions



3.

Making  
land  
available for  
future use



# Oak Ridge has received strong, consistent funding from Congress to advance our cleanup mission

Budget Year	2021 Enacted	2022 Enacted	2023 Enacted	2024 Enacted	2025 Enacted	2026 Pres Budget
Funding for Environmental Cleanup in Oak Ridge	\$644 million	\$630 million	\$637 million	\$694 million	\$695 million	\$635.8 million

These levels support OREM's ongoing cleanup mission, which employs approximately 2,700 contractors

# We've established clear goals to guide projects for the next decade

- **Goal 1:** Complete ETTP cleanup and transition site to long-term stewardship
- **Goal 2:** Reduce radiological risks at ORNL
- **Goal 3:** Reduce environmental risks at Y-12
- **Goal 4:** Ensure adequate onsite waste disposal capacity to support remaining cleanup





# Oak Ridge was the first site in the world to remove a former uranium enrichment complex

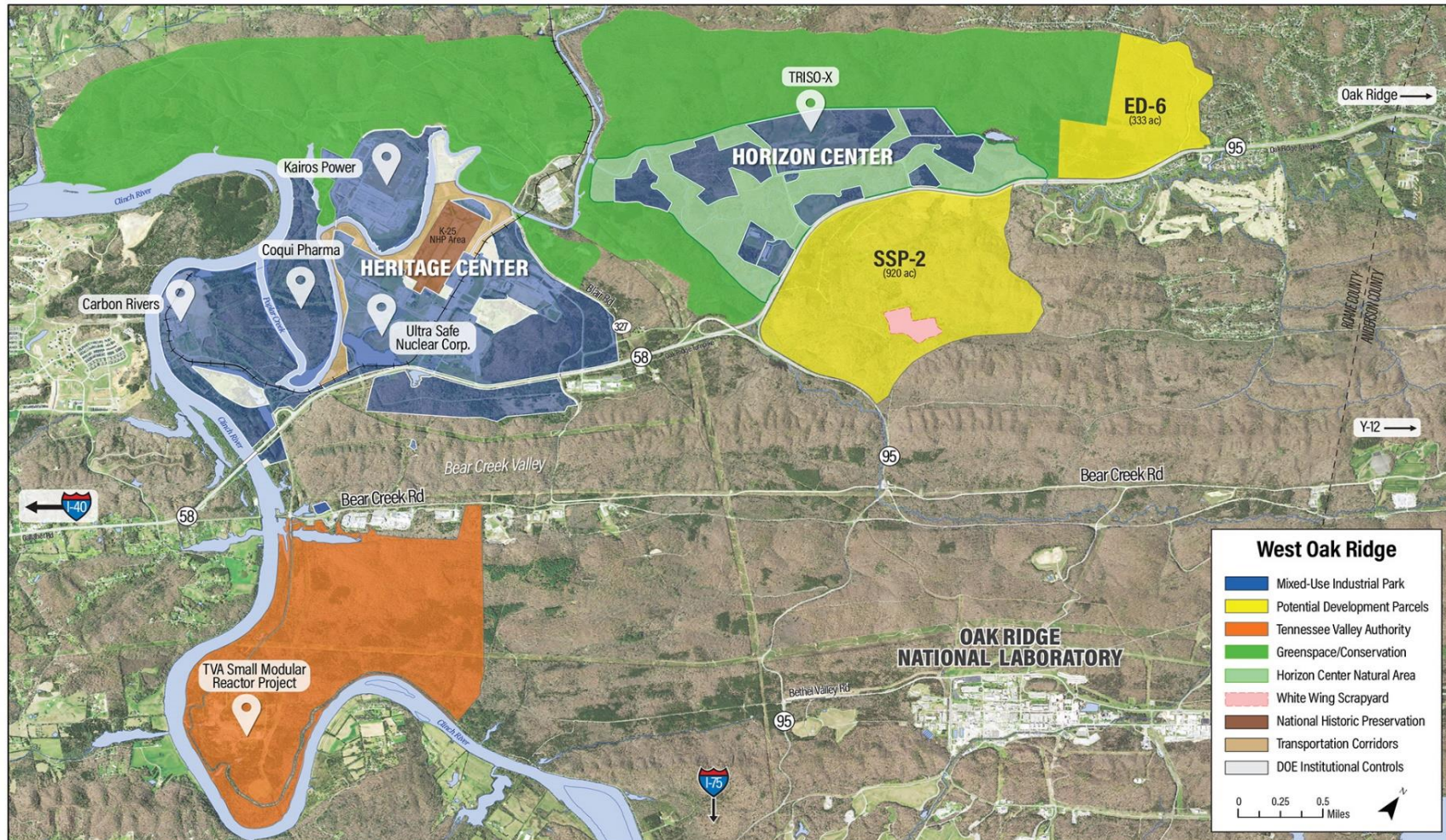


Buildings demolished could span 225 football fields





# Our work has transformed the East Tennessee Technology Park from a liability into a community asset that's attracting millions in new investments



Several large companies have announced plans to locate at or near the site, creating hundreds of new private industry jobs

- Orano USA (400 jobs)
- Triso-X (400 jobs)
- Kairos (55 jobs)
- Ultra Safe Nuclear Corp. (30 jobs)
- Tennessee Valley Authority



# Our projects are reshaping ORNL's central campus



Facilities to address in ORNL's central campus area

- Our projects at ORNL are eliminating risks and opening land to support research missions
  - Demolishing former research reactors and isotope production labs
  - Eliminating uranium-233 inventory
  - Shipping and disposing inventory transuranic waste
- Central campus will undergo significant transformation over the next 4 years



# We're making significant progress – two reactors demolished; deactivation underway in 13 facilities





# Now, crews are preparing ORNL's largest former reactor for near-term demolition



**Crews finished removing  
the reactor vessel from the  
Oak Ridge Research Reactor  
in 2024**

**Crews are actively  
preparing this facility for  
demolition**



# We are eliminating ORNL's uranium-233 inventory while providing medical isotopes for cancer treatment research

- The nation's inventory of uranium-233 is stored in the world's oldest operating nuclear facility
- That material presents risks and is very costly to keep safe and secure
- The remaining material must be processed before it can be shipped and disposed; That work is 40% complete
- A partnership with TerraPower is extracting and providing rare medical isotopes for advanced cancer treatment research





# Our projects are enabling modernization at Y-12



Facilities to address at Y-12

- Oak Ridge has more high-risk facilities than any other DOE site
- 60% of NNSA buildings are more than 40 years old
- Our projects are eliminating risks and opening land to support national security missions
  - Demolishing former enrichment buildings
  - Removing excess, contaminated facilities
  - Addressing and retrieving mercury in the environment



# Demolishing the former Biology Complex opened land for Y-12's new Lithium Processing Facility



**Demo project cleared 18-acre area that will be home to the new facility**



# We have many other projects that will continue transforming Y-12 in the years ahead



*Demolition underway at Alpha-2*



*Deactivation underway in Beta-1*



# Crews have made progress on infrastructure that will allow us to begin cleanup projects in mercury-contaminated areas at Y-12



**Mercury Treatment Facility –  
Headworks Facility**



**Mercury Treatment Facility –  
Treatment Plant**



# We are creating tangible benefits for Oak Ridge

## ETTP

Deliver prime industrial park space, historic landmarks, and conservation areas



## ORNL

Deliver restored land to support redevelopment and modernization efforts



## Y-12

Prepare land for beneficial reuse to advance national defense and security missions







# **Fiscal Year 2026 Topics for Oak Ridge Site Specific Advisory Board**

August 13, 2025

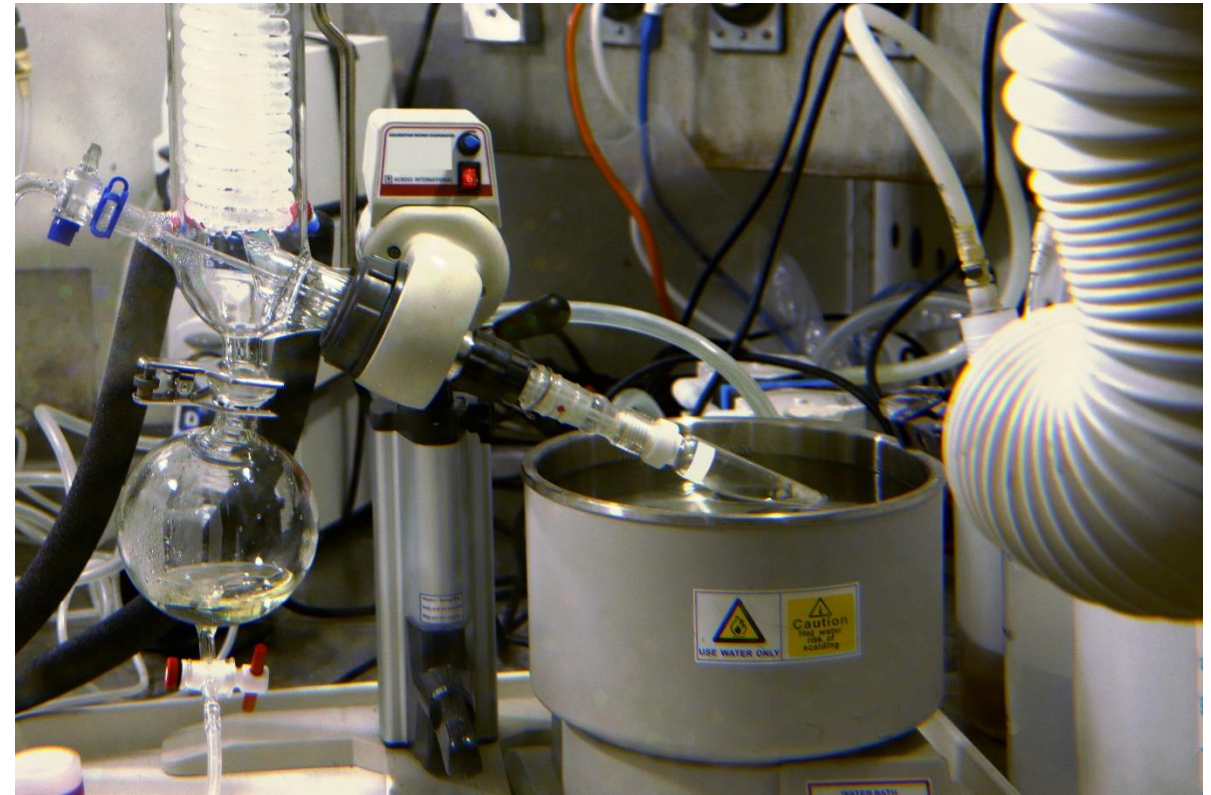


# Topic 1: Public Involvement





## Topic 2: Processing of U-233 Material



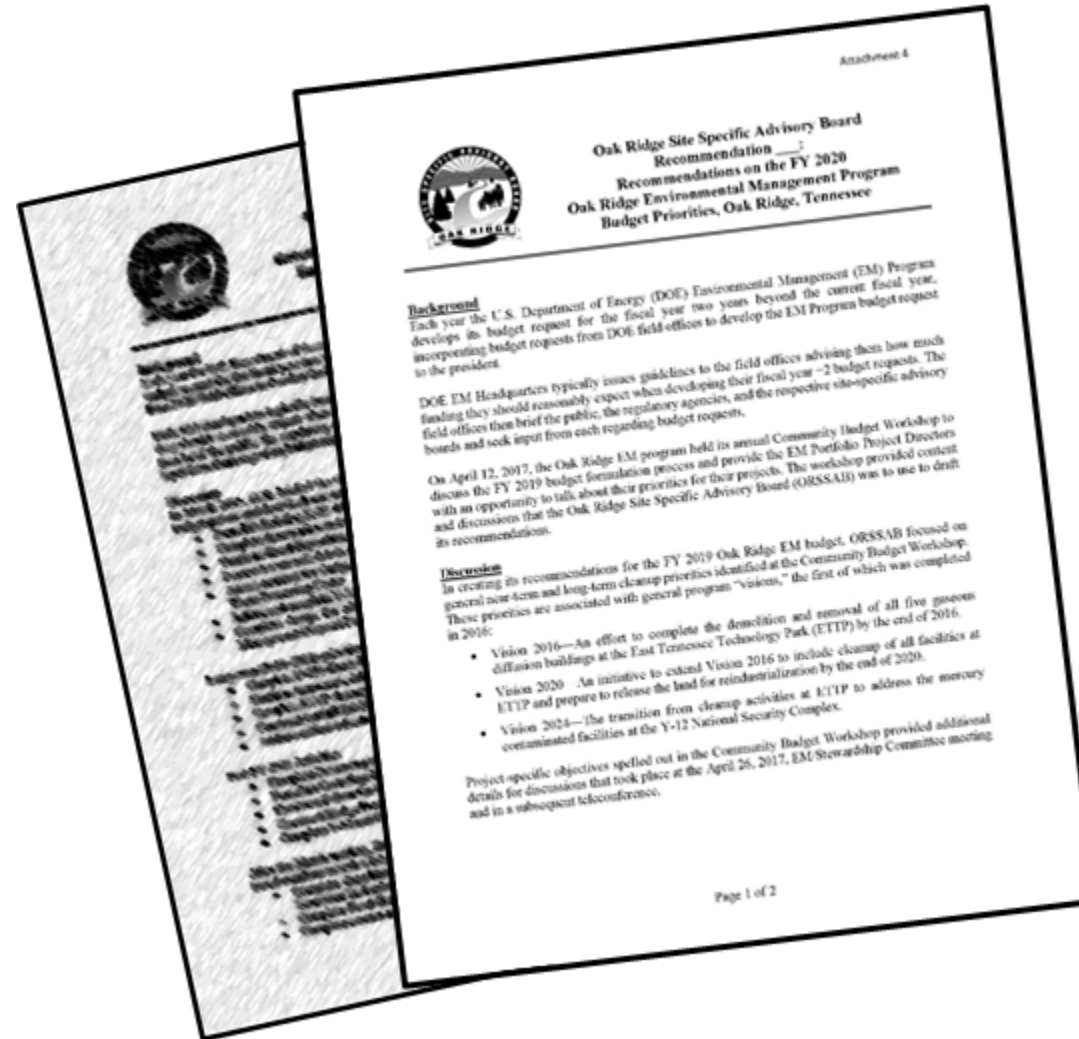


## Topic 3: Ensuring sufficient waste disposal capacity to continue cleanup at Y-12 and ORNL





# Topic 4: Provide input related to the fiscal year 2026 budget development for OREM





# Topic 5: Excess contaminated facilities risk reduction activities at Y-12 and ORNL





# Topic 6: Reindustrialization and Historic Preservation Activities at ETTP

