

United Cleanup Oak Ridge (UCOR) and the Oak Ridge Reservation Cleanup Contract

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United Cleanup Oak Ridge, LLC (UCOR)

- Prime environmental cleanup contractor for DOE-EM
- Valued at \$8.3 billion; 10-15 year period of performance
- Vision 2031: Establishes cleanup strategy for next 10 years
- Cleanup enables expansion of national science and security missions as well as the nation's nuclear renaissance

Anticipated Scope

~20% of DOE's high-risk facilities on ORR

300+ structures to be demolished

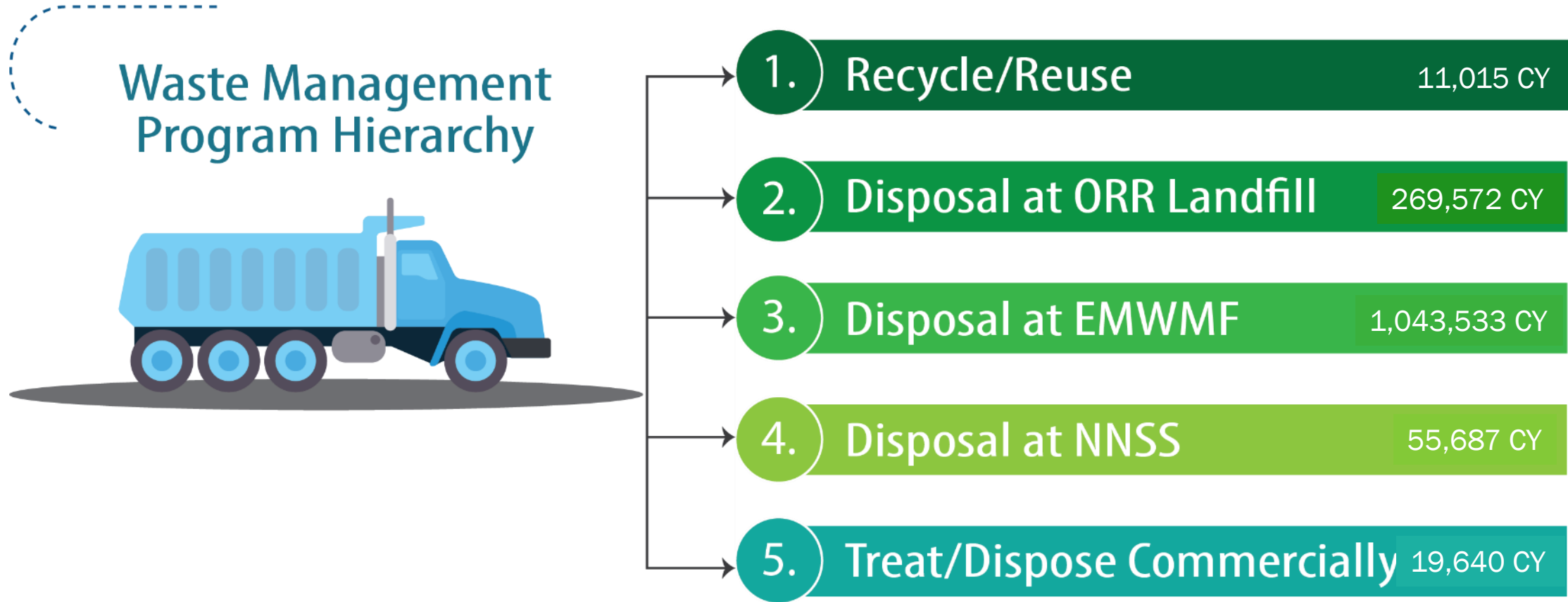


Oak Ridge National Laboratory



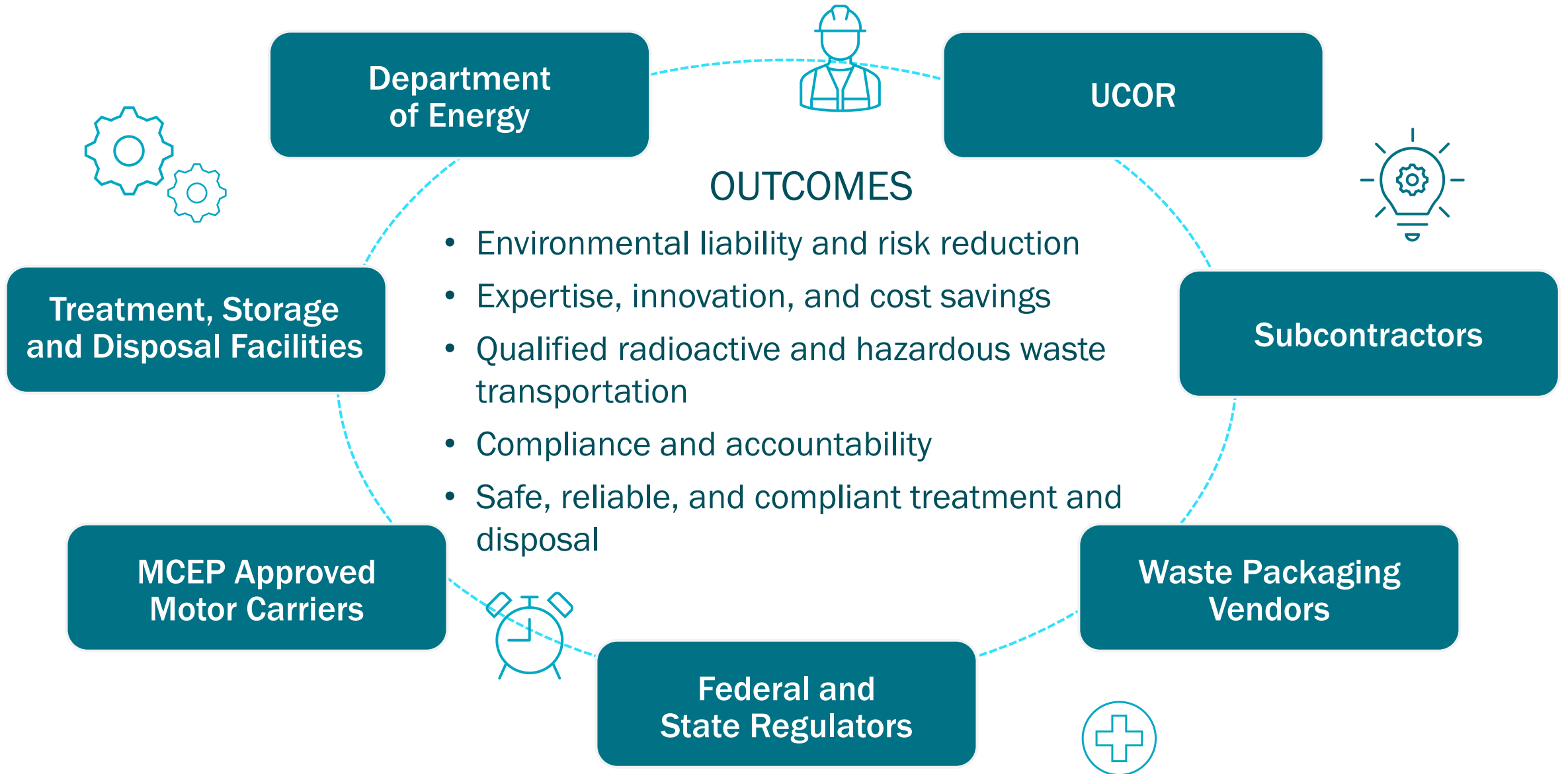
Y-12 National Security Complex

Success Enabled by Waste Factory Approach



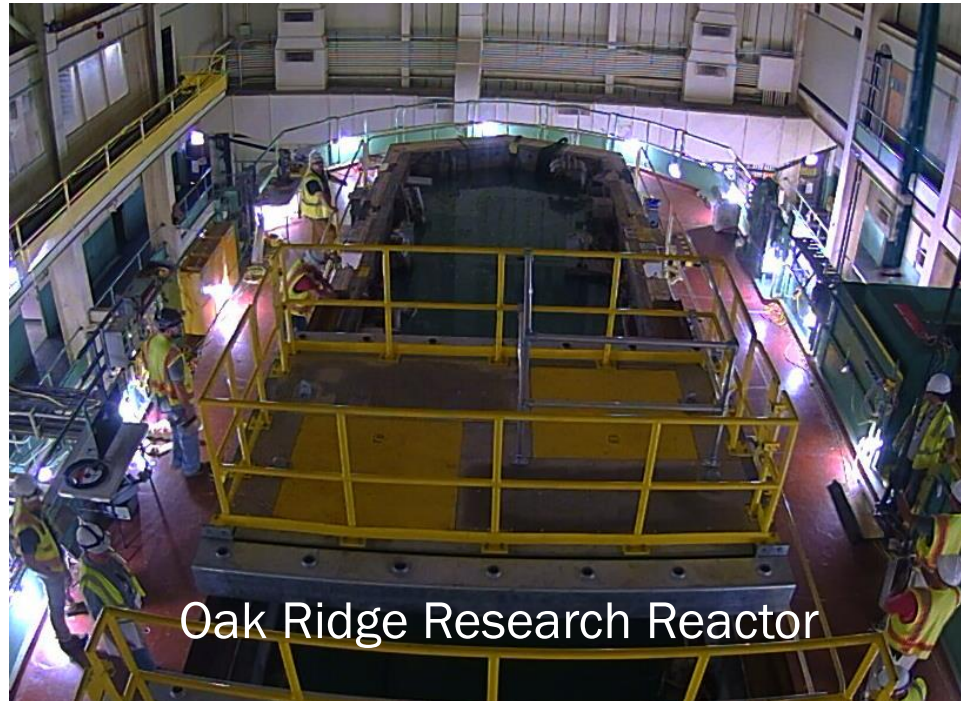
Utilizes both onsite and offsite disposal facilities | Safely disposed of 1.67+ million cubic yards of waste
Traveled 8.5 million safe miles

Partnerships are Essential



DOE-UCOR-Energy Solutions Partnership on the ORR

- 10+ years supporting complex waste activities on the ORR
- Met multiple accelerated schedules to meet cleanup milestones
- Managed problematic waste streams including
 - Depleted uranium oxide
 - MLLW dioxin and furan solids
 - Molten Salt Research Reactor probes
 - Mercury-contaminated soils and pipe sediments



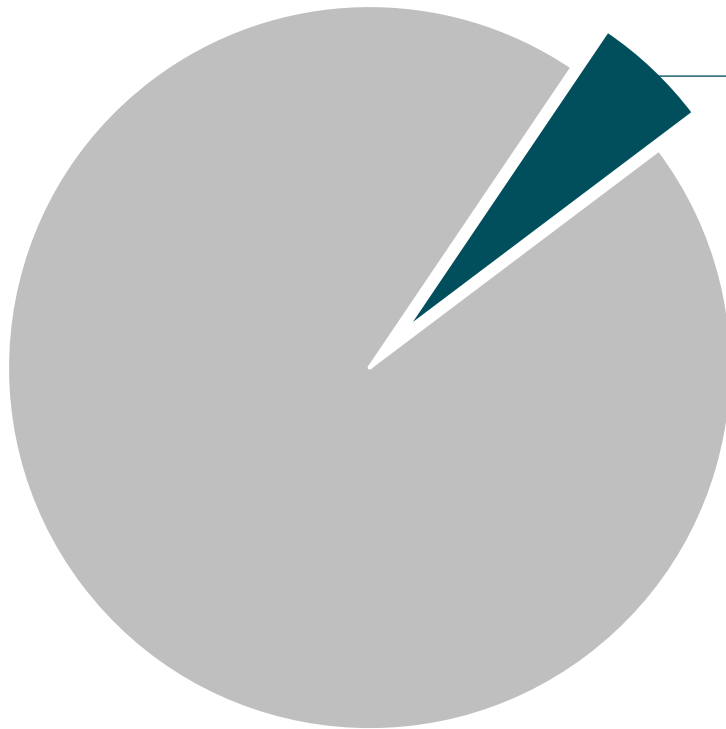
Specialty subcontractor to remotely remove/dispose of irradiated items from reactor pool

Installed a filtration system to improve water clarity for upcoming segmentation activities in pool

Small Quantities; Major Hazards



5 percent of total waste volume generated on the ORR is the most complex, most challenging and will require an innovative approach with our partners!



- High-activity RAD waste
- Legacy waste containers with unknown hazards
- Sodium and Lithium Hydride Shields
- Dioxin and Furan waste
- Mercury-contaminated waste requiring treatment
- Transuranics