VERTical
INNOVATION CLUSTER

Diahann Howard
Executive Director, Port of Benton

VERTical Innovation Cluster

"Washington VERTical, led by the Port of Benton – accelerating the transition to clean, renewable and non-emitting energy production sources by 2025 through advanced nuclear power technologies."

Innovation Cluster Accelerator Program Press Release
Washington State Department of Commerce

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VERTical Priorities

Facilitate next-generation nuclear energy reactor demonstration and deployment projects.

Rebuild and modernize the U.S. supply chain for next-generation nuclear in partnership with the Clean Energy Supplier Alliance.

Ready the industry's future nuclear energy skilled trades and professional workforce to create a talent pipeline.

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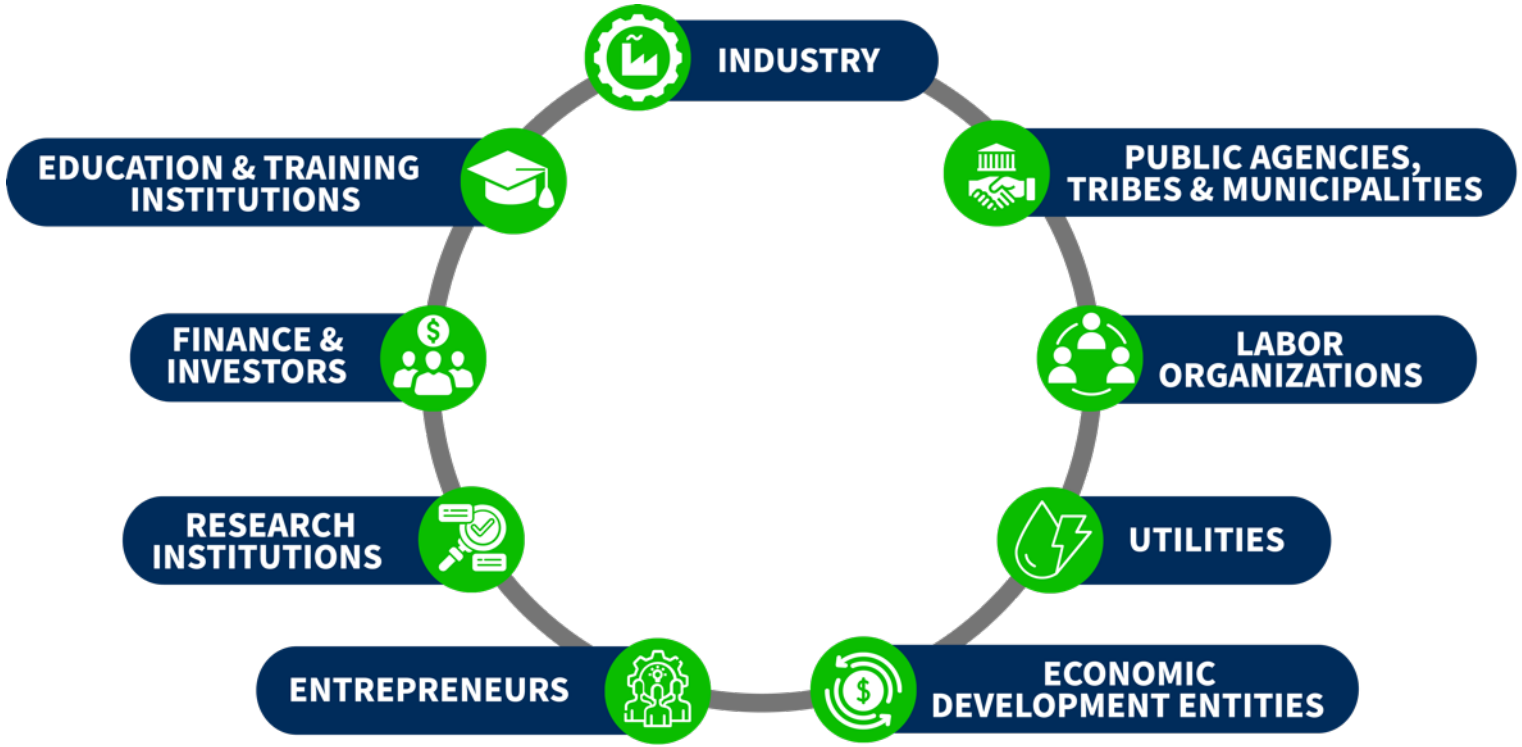
VERTical Partners

- Aerospace Clusters
- City of Richland
- Clean Energy Supplier Alliance
- CleanTech Alliance BUILT Cluster
- Columbia Basin College
- Clean Future Northwest
- Department of Energy Gateway for Accelerated Innovation
- Electric Power Research Institute
- Energy Northwest
- Framatome
- Nuclear Energy Institute
- TRIDEC
- U.S. Nuclear Industry Council
- Washington State Dept. Commerce
- Washington State Tech Alliance
- Washington State STEM Foundation
- Washington State University Tri-Cities



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VERTical Members

Total number of members: VERTical Cluster – 120
Clean Energy Supplier Alliance – 40

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VERTical Projects

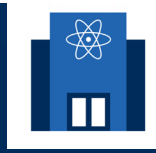
Facilitate Next-Generation Reactor Demonstration & Deployment Projects

Accelerate Advanced Manufacturing to Onshore and Secure the Supply Chain

Grow the Advanced Clean Energy Market

Train Tomorrow's Nuclear Skilled Trades & Professional Workforce

Attract Capital for Advanced Nuclear



Establish a NW Nuclear Quality Management Center of Excellence

Ready Next-Generation Nuclear Energy Suppliers

Coordinate Grant Partners to Leverage State & Federal Funds

Educate and Advocate for Nuclear Energy

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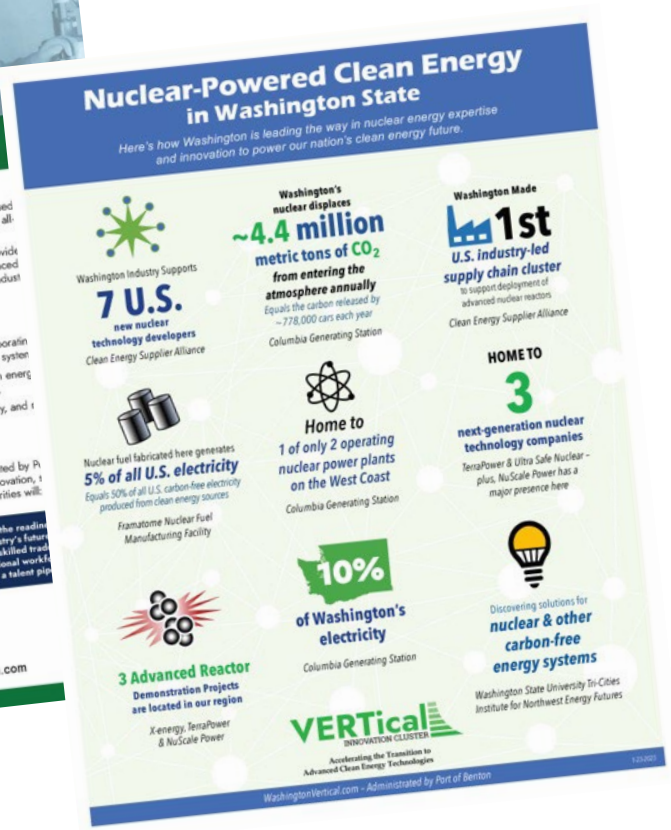
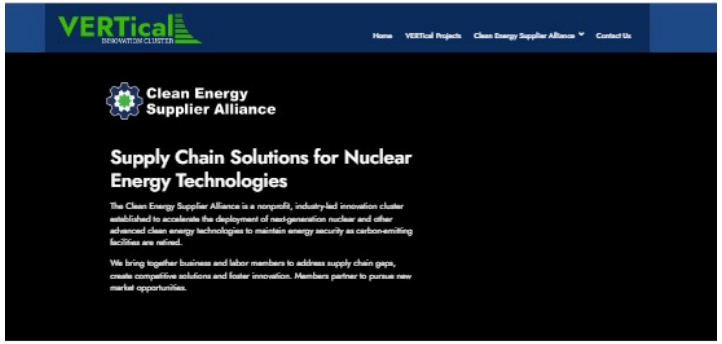
Materials & Resources

- Flyers
- Website
- Video





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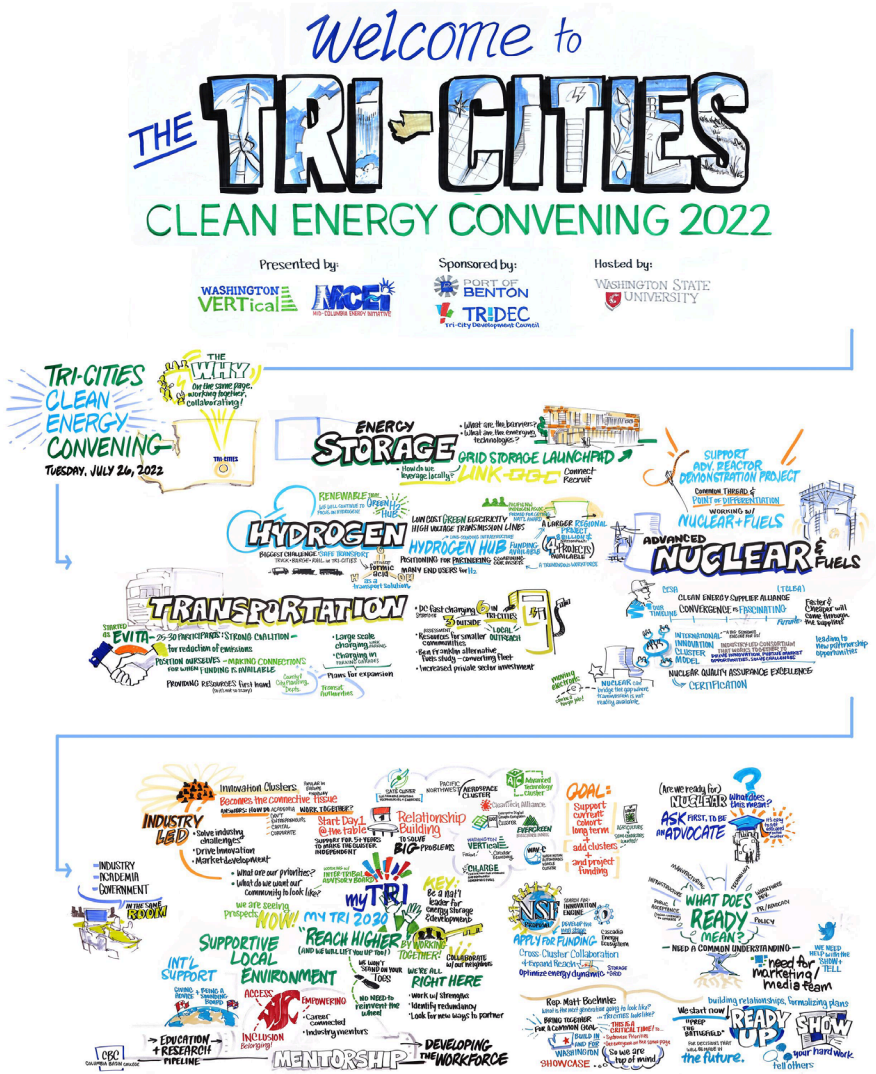
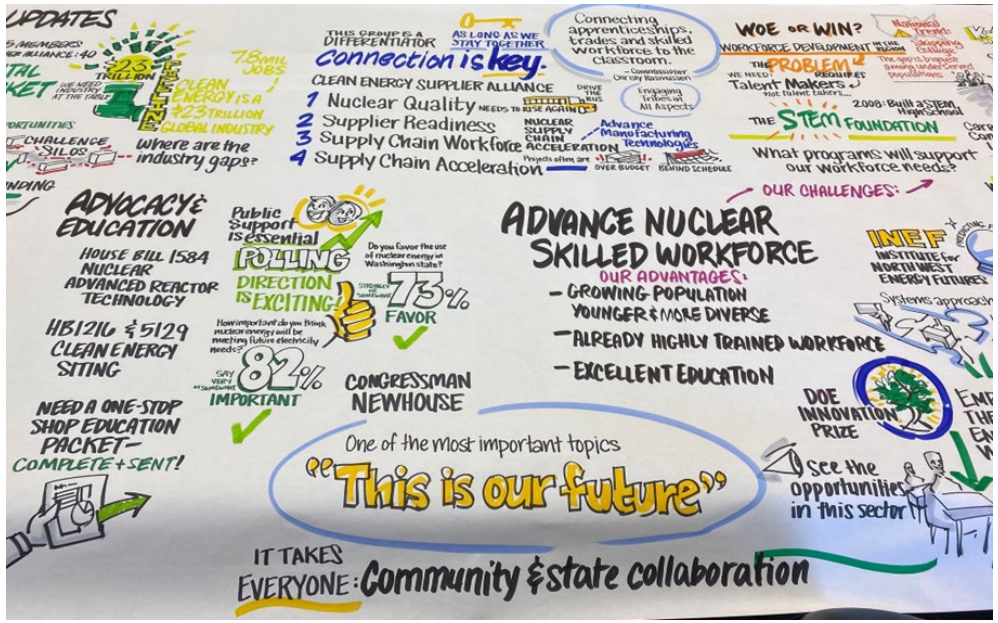
Cleanup to Clean Energy Vision





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VERTical Tomorrow – The Future is VERTical

The Future Is VERTical

PHASE 3

2026-2030

Advanced Nuclear Technology Project Construction-Operations and Development of Other Advanced Clean Energy Technology Projects

PHASE 2

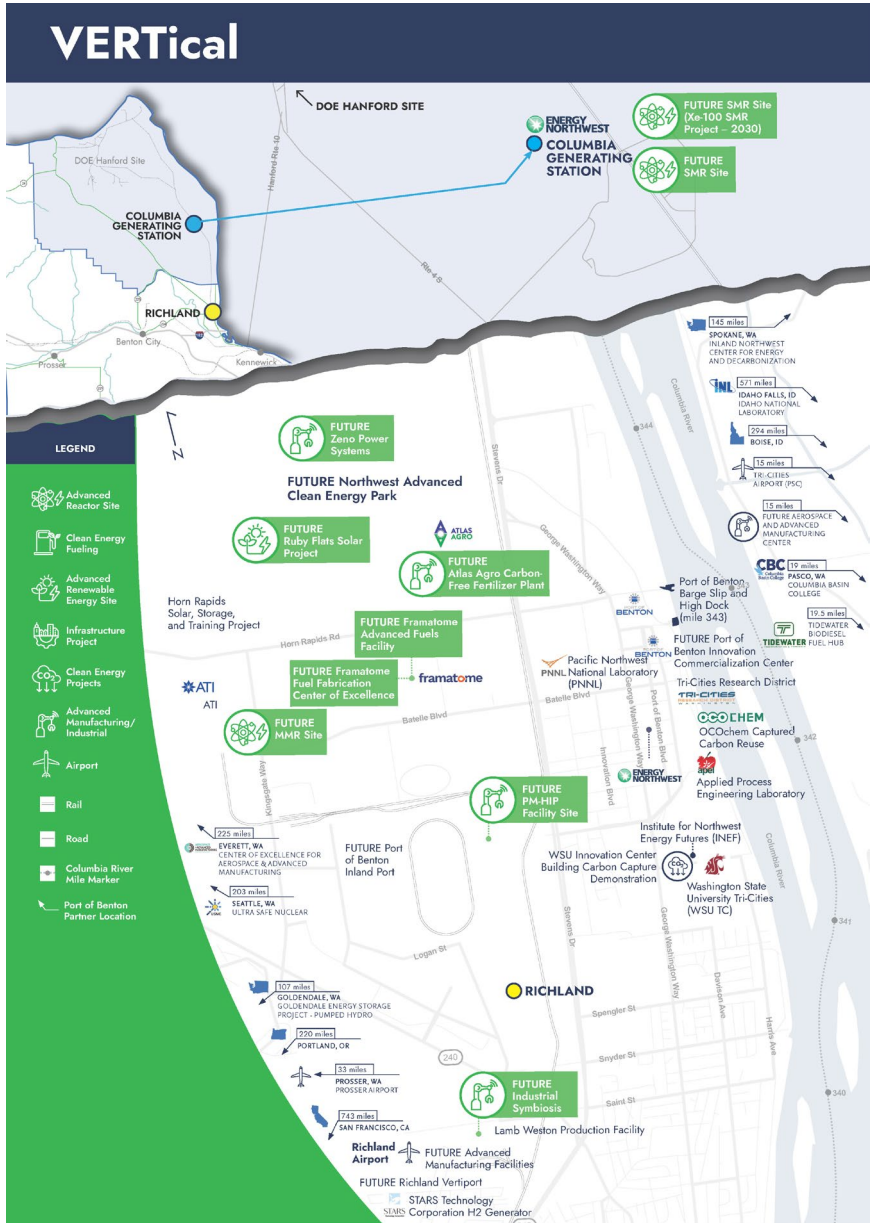
2024-2026

Advanced Nuclear Technology-Focused Project Development

PHASE 1

2022-2023

Establishment, Framework, and Growth



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Thank you!

VerticalCluster.com

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