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# Accelerating Deployment of Next-Generation Nuclear Energy

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VERTical is a powerful industry-led coalition driving next-generation nuclear power deployment by bringing together collaborative project groups to solve challenges and create pathways for accelerated growth.

Our collective efforts contribute to decarbonization goals, national security, equity and resiliency for communities everywhere.

## Industrywide Impact

We are strategically located in the Northwest and engaged across the U.S. next-generation nuclear energy industry to support and accelerate national progress.

The Northwest is the leading clean energy region in the U.S., with approximately 90% carbon-free power backed by experienced developers, operators, workers, researchers, and trailblazers.

The region serves as a launchpad for the next generation of nuclear energy technologies and is home to a robust industry ecosystem with partnerships already advancing new nuclear power generation projects.

## VERTical's Strategic Priorities

VERTical is implementing an internationally proven industrial cluster model to drive innovation, speed the industry's growth, and pursue market opportunities to advance the following priorities:

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

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

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

**Imagine Nuclear Energy Everywhere – Join Us!**



## Our Projects: Catalyst for a VERTical (Green) Economy

VERTical's industry-led project groups leverage each partner organization's strengths in research, innovation, development and operations to move projects forward.

Some of our projects to lift the next-generation nuclear energy industry include:

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### Facilitate Next-Generation Reactor Demonstration & Deployment Projects

Next-generation nuclear energy reactor technologies are first-of-a-kind and require varied technical support, equipment and resource pipelines to create a sustainable industry. VERTical works with industry to identify opportunities, plan and provide technical expertise and resources.

### Establish a Nuclear Quality Management Center of Excellence

Industry partners have joined forces to establish a center of excellence to provide expertise, guidance and resources to help suppliers and small businesses develop nuclear quality programs required for nuclear industry suppliers.

### Attract Capital for Next-Generation Nuclear

This VERTical team provides investors with a one-stop shop to learn about new nuclear energy industry players and focus capital investments on projects that will advance industry deployments.

### Build the Next-Generation Nuclear U.S. Supply Chain

VERTical and our partners are growing and modernizing the supply chain by filling gaps and building capabilities that accelerate the widescale deployment of next-generation nuclear energy projects. Two current efforts, in partnership with the Clean Energy Supplier Alliance, include establishing advanced manufacturing capabilities and facilities and ensuring the readiness of domestic nuclear suppliers.

### Develop a Nuclear Energy Industry Workforce Pipeline

Our workforce readiness team engages industry, labor, education and training institutions from elementary to higher education, unions, and other partners to identify skills gaps and future industry requirements to prepare tomorrow's skilled trades and professional nuclear workers.

### Educate & Advocate for Nuclear Energy

VERTical collaborates with local, state and federal entities for ongoing nuclear energy education and advocacy efforts to increase support and strengthen relationships.

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