



CleanTech Alliance™

**BUILT**  
Buildings, Utilities, and Infrastructure Living Together

Innovation Cluster  
**ACCELERATOR**

**The CleanTech Alliance** is the nation’s largest clean-technology focused trade association and represents 1000+ organizations spanning seventeen U.S. states.

- Members include universities, national labs, startups, corporations, regional governments, and NGOs.
- A diverse membership and focus on justice, equity, diversity, and inclusion (JEDI) allows the CleanTech Alliance to drive impact across the sector via new market development, the generation of cleantech jobs, commercialization and tech transfer, entrepreneur support, and advocacy efforts that advance the cleantech economy.



- Washington State is leading a multi-year Innovation Cluster Accelerator program to help promising industry sectors assemble the ingredients they need to accelerate growth and competitiveness. The CleanTech Alliance was selected to create the BUILT cluster, focused on decarbonizing our built environment and energy systems. Based on an internationally proven economic development node, it is the first program of its kind in the U.S.

**The cluster recognizes** that commercializing critical technology innovations to scale is a complex problem that cannot be solved by a single company or institution. To foster a clean energy future and to decarbonize our built environment, the BUILT Cluster is committed to:

- Identifying and collaborating on innovation projects with commercial potential.
- Encouraging competitors to work together and create new ideas so that industry will be better positioned to solve challenges, drive innovation, increase market access, and stimulate sustainable growth.
- Bringing together industry leaders with academic, research, and government partners to fast-track research and development.
- Connecting entrepreneurs and investors to increase access to capital and global markets.
- Engaging local communities so all voices and those traditionally furthest from resources can actively participate in the clean energy innovation economy.
- Partnering with governments to develop informed regulations, siting, and legislation so that new technologies can scale and deploy more rapidly.
- Supporting STEM-based initiatives and educational opportunities that create a diverse workforce.
- Accelerating technological innovation and entrepreneurial success.

The cluster will build upon the success of the CleanTech Alliance in advancing cleantech development and adoption of clean energy projects. Alliance members have a demonstrated track record of successful collaboration on large-scale demonstration projects and are highly effective advocating for policies that support cleantech development and deployment.

The cluster will further enhance these efforts while expanding cluster collaborations, developing cradle-to-career educational and training opportunities, and ensuring equitable decarbonization of the built environment.



**The BUILT Cluster's Fusion Working Group** has brought together every fusion company in Washington, research institutions, local governments, educational partners, and other business organizations to collaborate for the advancement of the sector. This working group already functions similarly to the emerging hydrogen hub backbone organizations and assembles all the same regional expertise that makes Washington a global technology and clean energy leader.



The group's focus is to raise the profile and competitiveness of the fusion industry at large. Activities include:

- Scientific and engineering education and collaboration.
- Attracting supply chain and engineering firms who will assist in wide scale commercialization of fusion energy.
- Analysis of regulatory priorities to support the fusion sector.
- Legislative education to guide state, local, and regional policy.
- Community outreach to raise awareness of the decarbonization benefits of fusion energy within local cities, rural towns, and communities of color.
- Workforce development partnerships to educate and train a future diverse fusion energy workforce.

**Fusion Week** is organized by our Fusion Working Group. An annual fall event, it brings together all interested parties for educational presentations, analysis of issues facing commercialization of the industry, networking, fusion lab site tours.



Community education focuses on ‘Fusion 101’: that fusion energy is clean, real, safe, and unlimited. Local elected officials, BIPOC organizations, and environmental non-profits get a chance to engage with Fusion CEO’s and dialogue to create common understanding.

Event topics include:

- STEM Education and Workforce Development
- Justice, Equity, Diversity, and Inclusion (JEDI)
- Space Propulsion
- Building a Fusion Workforce
- The Future of Fusion Regulation
- Engagement with Tribal Energy
- Plasma Physics for Politicians
- Utility Integration, Deployment and Readiness
- Building a HUB – Why Washington?



*Sally Benson, White House Office of Science and Technology Policy, visits Avalanche Energy during the 2022 Seattle Fusion Week (CleanTech Alliance / Jennifer Audet)*