Water Technology Clusters as Hubs of Innovation



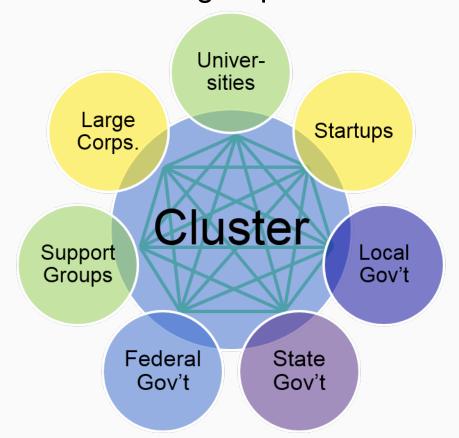
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The Cluster Concept

Clusters are dense, regional networks of companies and other groups in the same industry.

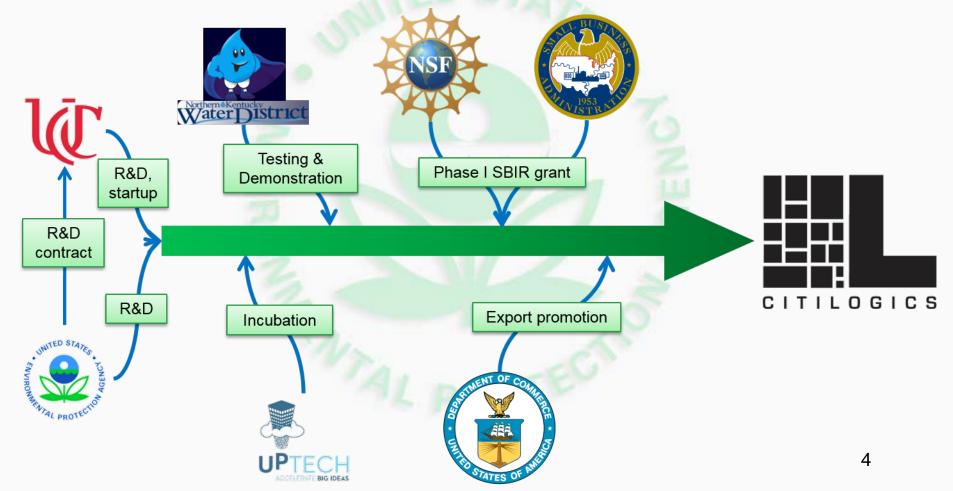




Do Clusters Matter?

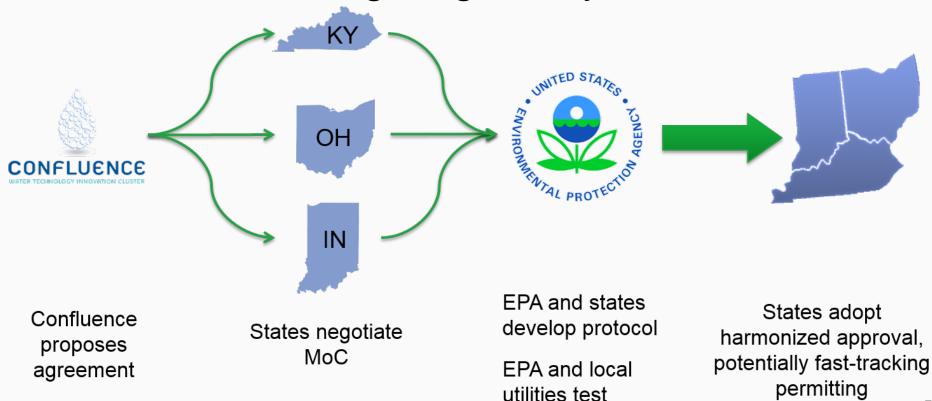
- Clusters contribute to the growth of existing industries
 - Industries participating in a strong cluster register higher growth of wages and innovation (as well as higher employment growth)
- Clusters contribute to the creation of new industries
 - New industries are more likely to emerge if the can integrate into an existing cluster, or if related or neighboring clusters are strong
- Strong clusters contribute to the overall growth of the region
 - Strong traded clusters in a region contribute to the employment growth of other traded and local activities in that region

Cluster in Action: CitiLogics



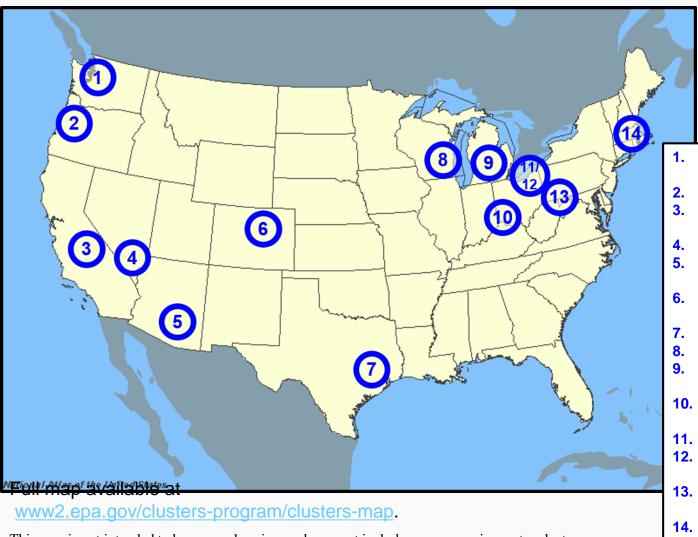


Cluster in Action: Addressing Regulatory Barriers



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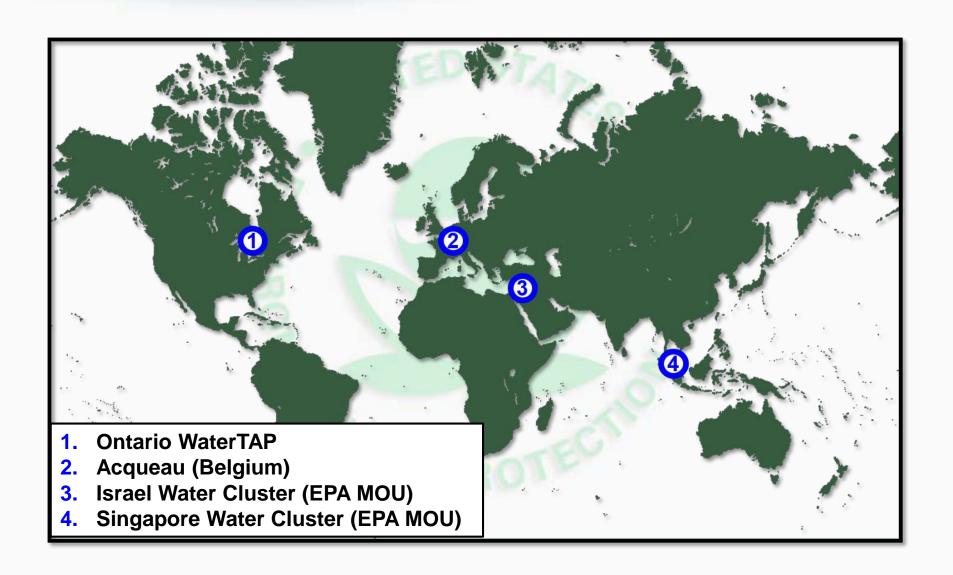
Locations of U.S. Water Clusters



This map is not intended to be comprehensive, and may not include some emerging water clusters.

- 1. Clean Urban Water Technology Zone (Tacoma, WA)
- 2. Oregon Water Cluster
- The BlueTechValley (Central and San Joaquin Valleys, CA)
- Las Vegas Cluster Effort (Nevada)
- 5. Southwest Water Technology Cluster (Tucson, Arizona)
- 6. Colorado Water Innovation Cluster (Fort Collins, CO)
- 7. Surge Accelerator (Houston, TX)
- 8. The Water Council (Milwaukee, MI)
- 9. Michigan Water Technology Initiative
- Confluence WTIC (SW Ohio/N Kentucky/SE Indiana)
 - 11. Cleveland Water Cluster (NE Ohio)
- 12. Akron Global Water Alliance (Akron, OH)
- **13.** Water Economy Network (Pittsburgh, PA)
- 14. New England Water Innovation Network (Massachusetts)

International Water Clusters





Clusters Program Support Activities

- Advises on best practices
- Maintains inventory of water clusters
- Works to convene water cluster leaders



www2.epa.gov/clusters-program