Anna Pavlova

Washington has unique resources to add carbon capture, utilization, mineralization and sequestration (CCUS) program to its clean energy program. This unique opportunity stems from the state's geology that can mineralize or sequester CO2 better than in many other locations, and from the developemnt of Sustainable Aviation fuel, the 3rd generation of which -e-fuels- use CO2 to displace petroleum for fuel. For emitters, CCUS is useful in circumstances where an emitter is unable to address or finds it cost-prohibitive to address emissions with electrification. The state could support local governments and port authorities with development of such projects just like the battery storage program and/or emerging technologies program. At the moment there are no clear permitting guidelines for CCUS projects. The best option is to establish a program that allows for speedy permitting proess (under 1 year) and then establishes protocols for monitoring of CO2 storage or mineralization and any penalties and required mitigation if any issues arise. In other words, make the program workable with reasonable timelines that pass the investor risk thresholds upfront, and ensure strict compliance once the project is running. CarbonQuest and our partners will be happy to work with you on a more detailed development of such a program.