



### **Vision and Mission**

Four Corners Clean Energy Alliance's (4CCEA) vision is to encourage, support and advocate for a robust and sustainable hydrogen industry produced under stringent environmental standards in the Four Corners area with an emphasis on the Navajo Nation – an emerging epicenter of hydrogen development in the United States.

4CCEA is committed to collaborating through education, research and innovation to promote all paths evolving toward a cleaner, more sustainable energy future. 4CCEA believes that transparency with the members of the Navajo Nation in engagement and action, fact-based dialogue.

Education on “Niłch'i łikoní doo halchinnígíí” or “Hydrogen” in the Navajo language, will be based upon science and fact with the stated goals of improving the economy and environment of the Nation and to “fill the basket” of the citizens of Navajo.

### **Background**

4CCEA is a 501c4 registered on the Navajo Nation and is organized and funded by companies, academic and economic development entities who seek to invest human and financial capital in the Nation's people and future.

### **Hydrogen in the Four Corners Area**

- Investment in the numerous hydrogen projects proposed near or on the Navajo Nation will help to replace the nearly \$40 million revenue loss from the NGS and Kayenta mine closures, and could also add an additional \$millions in revenues to help support tribal social programs
- Developing clean hydrogen energy will bring real and tangible benefits to the Navajo community through good paying jobs, educational opportunities and investments in local chapter infrastructure.
- The Four Corners area has outstanding resources for wind and solar and has major natural gas production and reserves. This existing infrastructure provides the feedstock for clean hydrogen production. These resources make New Mexico ideal to be a major producer of clean hydrogen.
- The Four Corners area is perfectly situated for multi-directional hydrogen distribution (and hydrogen fueled power generation) in that the existing infrastructure includes significant electrical transmission, major interstate pipelines, interstate highways and rail lines.
- End-use – The three top end-use opportunities for hydrogen in the Four Corners are power-to-gas, freight, and industry. Power-to-gas is one of the best long duration storage options for deep decarbonization of the electricity system.
- Export – The Four Corners is currently a key power, oil, and gas exporter to the rest of the United States. Hydrogen presents an opportunity for the region to continue being an energy exporter for the rest of the US as well as internationally, given proximity to major electrical transmission, key interstate highways, rail lines and pipelines that serve critical markets.

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