

# San Juan County, New Mexico H2 Fact Sheet



NAPI/4CED

## Western Interstate Hydrogen Hub

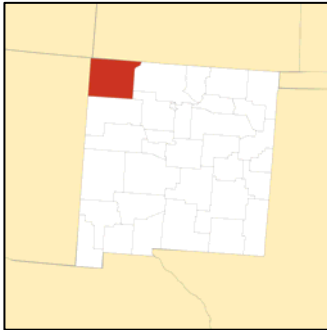
(WISHH)

Avangrid

Libertad Power

**The Future of Energy is Changing. Hydrogen has a Role. San Juan County is a Great Place for Hydrogen!**

*Carbon reduction is the name of the game and hydrogen plays a key role in transition.*



- San Juan County is ideally positioned to be a major player in the future of hydrogen equipment manufacturing and hydrogen energy production, storage and use.
- Supporting hydrogen development is good for San Juan County, its families, business community and the environment!
- San Juan County has an opportunity to shape the future of energy in the region by building on our historical resources and workforce talents.

## Why Hydrogen? H2 is a Key Component in the Future of Clean Energy.

San Juan County offers significant regional and national **competitive advantages** as a center for:

- Hydrogen Production Equipment Manufacturing (PESCO)
- Hydrogen Production
- Hydrogen Distribution
- Hydrogen distribution infrastructure
- Hydrogen Use

## Hydrogen Builds on San Juan County's Strong Base of Energy Assets.

- Abundant low-cost natural gas and solar energy
- Favorable geology for CO<sub>2</sub> sequestration and clean H<sub>2</sub> storage
- High voltage power network for electricity exports
- Multiple interstate pipelines
- Skilled energy workforce
- Strong local support for energy

## Why Now? San Juan County needs High-Wage, Sustainable Clean Energy Jobs.

The time is right to pivot to new fuels and new energy technologies. San Juan County can't afford to miss out. The federal government has established billions of dollars in programs to support clean H<sub>2</sub> development and projects and the industry are likely to rapidly grow over the next decade.

## Three Projects on the Horizon for San Juan County.

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WISHH is applying to U.S. Department of Energy for \$1.2 billion of competitive H2 development grants. Some \$255 million of this total is earmarked for San Juan County's three projects. The grants require a 50% matching requirement and the total investment value of the three projects in San Juan County is well over \$600 million. The WISHH concept paper was "encouraged" to advance to full completion, one of just 33 of the 79 submitted concept papers.

### The Projects

#### NAPI/4CED



The project's goal is to serve as a nationally designated, commercial-scale agricultural test farm in the western US for all things H2 production and use, CO2 sequestration, agricultural productivity improvement and sovereign nation wealth development. The project is 100% carbon sequestered and is aiming to be "carbon negative." A 51%/49% joint venture, this agriculture-focused project would be located on a 900 acre parcel of NAPI land.

#### Avangrid



AVANGRID is a leading sustainable energy company transitioning America toward a clean and connected future headquartered in Orange, CT, with operations in 24 states and \$40 billion in assets. The company is looking to build a green hydrogen/ammonia plant that would be able to service regional needs for fertilizer, power and other industrial needs.

#### Libertad

**Libertad Power**

Developing clean hydrogen production via electrolysis plus infrastructure in San Juan County to serve off-takers in heavy haul transportation, energy storage and power generation, and industrial processes across the West. Focused on meeting customer and community expectations around clean hydrogen reliability, price, lifecycle carbon intensity and water use.

### San Juan County is All In for Clean Energy H2 Investment and Jobs!

For further information contact Arvin Trujillo, CEO Four Corners Economic Development at (505) 566-3702 or by email at [atrujillo@4cornersed.com](mailto:atrujillo@4cornersed.com).