

# Partnering for Sustainable Energy Renaissance of Rural Communities

**Tucumcari, Quay County NM, 88401 - 27.8% of people below poverty line**

**Rural/Remote Classification:** Quay County is considered rural according to the USDA rural counties map with a population of 8,656. Tucumcari is considered a remote town. The nearest large city, Albuquerque, New Mexico is 176.3 miles; and the nearest small city is Amarillo at 115.1 miles away.

**Our Team** of engineers, farmers, and ranchers are working to restore sustainable agriculture and the community of Tucumcari, New Mexico. Our plan is to Integrate the energy reconfiguration of an idled ethanol plant to an advanced anaerobic digester to sustainably supply local energy needs and income for a small rural community from a nearby biomass supply of cattle manure and cheese whey, wind, solar, sewage effluent water, and ground water. The estimated impact of the system if implemented to its full extent could enable agriculture to restore carbon content, culture, and productivity of soils, capture greenhouse gas emissions, efficiently use water, and provide a sustainable energy income model to small communities worldwide.

**Partners--** Tucumcari Bio-Energy, Inc. ; Energy Related Devices, Inc.; Drought Adaptation Industries; Ute Mountain Tribe; Table Top Coop; City of Tucumcari; Quay County; Quivira Coalition; Mesalands Community College; Beginning Farmers, and Ranchers, Tucumcari

## **Critical Partners Needed For--**

- Renewable Energy Customers
- Waste Material Suppliers
- Capital
- Skilled Workers
- Community Ownership

