



## COMMISSION STAFF REPORT

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**MEETING DATE:** August 28, 2025

**ITEM TITLE, PRESENTER:** Letter of Intent County and AirBuild, Talia Hansen, Economic Development Manager

**RECOMMENDATION:** Approval to sign a letter of intent for exploratory activities and potential pilot projects.

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### SUMMARY

San Juan County has explored innovative solutions to address environmental, agricultural, and energy challenges in the region. Airbuild, Inc., a climate technology company specializing in algae-powered systems, has been identified as a potential partner to support restorative infrastructure projects. Their technology includes:

- Soil and Water Restoration: Airbuild's systems can improve agricultural soil quality, rehabilitate water bodies, and purify water for community and agricultural use.
- Renewable Energy: Deployment of Airbuild Pods offers opportunities for integrated solar energy generation, supporting off-grid and resilient energy solutions.
- Water Infrastructure: Airbuild technology may complement existing wells and water management systems, providing potential off-grid solutions for remote or underserved areas.
- Workforce Development: The County is interested in exploring apprenticeship programs in conjunction with Airbuild's deployment to train local technicians in operating and maintaining this new technology

### HISTORY/PAST ACTION

Past discussions with local stakeholders including municipal and tribal leadership have demonstrated strong interest in the potential benefits of Airbuild technology for the County. This has led to the purpose of the letter of intent for participation in exploratory activities and potential pilot projects with Airbuild.

### FISCAL IMPACT

This letter of intent does not have a fiscal impact on the county budget.