

Service Offering

Research, Development, and Management



iCAST Mission

*“to provide economic, environmental, and social benefits to economically disadvantaged people and communities;
and to provide education and training that builds local capacity.”*

Communities of all sizes are facing a loss of economic, social, and environmental resources. These symptoms of dying communities should be a call to action for local leaders. iCAST understands the challenges of transforming these trends and is dedicated to helping communities with an engaging process to a sustainable community where local resources are used for local benefit.

iCAST works with a collaboration of local stakeholders, technical experts, university students, government officials, and the private sector to develop and execute appropriate technology projects and micro-business solutions. The results show that communities who have worked with iCAST are able to develop greater self-sufficiency, create local employment and generate new businesses.

iCAST will:

- Assess Local Resources & Problems
- Facilitate Stakeholder Consultation & Visioning
- Develop Strategic Sustainability Plans
- Create Feasibility Studies
- Manage Projects End to End
- Evaluate and Report Outcomes
- Provide Training and Education
- Seek Additional Funding Sources for the Project
- Provide economic, environmental and social benefits and cost analysis
- Assist in Micro-Business Startup

iCAST provides the research, development, and management for any project. As a non profit organization, iCAST focuses on the needs of the community and client as the driving force of the project. iCAST evaluates the bids of other contractors to ensure implementation of the most cost effective and impactful measures.

Success Story – Jemez Pueblo Waste Water Treatment Project

The Native American community of Jemez’s wastewater lagoons were in danger of overflowing into the Jemez River. Since this was not acceptable, Jemez personnel were draining the untreated sewage into their irrigation ditches, where village children would play and cattle would drink. iCAST worked with many stakeholders, including community members, the Indian Health Services, the Environmental Protection Agency, a University, and industry partners. Through this successful partnership, iCAST helped Jemez implement a solar powered circulator that would treat the wastewater and allow it to be used for irrigation safely.

Success Story – Rialto Sustainability Center

Throughout its 71 years of operation, the Rialto Theater was a visual landmark and hub of social and commercial activity in downtown Alamosa, Colorado. iCAST was hired to facilitate a stakeholder process to decide what to do with the theater. It was decided to convert the theater into the Murphy Sustainability Center. The center would be a useful resource to the region and use solar power for power and heat. A partnership with the neighboring bank allowed for a local use of excess energy.

International Center for Appropriate & Sustainable Technology

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