

iCAST (International Center for Appropriate & Sustainable Technology) is a 501(c)(3) not-for-profit organization based in Lakewood, Colorado. iCAST started as an initiative at the Engineering College at the University of Colorado at Boulder. In 2002, iCAST registered as an independent organization and later moved to the Colorado School of Mines campus. iCAST's mission is "to provide economic, environmental, and social benefits to communities in a manner that builds local capacity."

The iCAST Model



iCAST helps communities use their local resources for their own benefit. iCAST projects foster economic viability, environmental stewardship, and social responsibility - and a new vision for their future. iCAST partners with government, NGO, universities, businesses and other organizations to help in the community development process. iCAST focuses on developing sustainable solutions to the infrastructure and economic development needs of underserved communities. iCAST projects are designed to encourage self-sufficiency based on the development, application and commercialization of appropriate and sustainable technologies.

iCAST offers a unique service learning model for university students to receive credit for working on these real-world projects. Through participation in service learning projects, students enhance technical and business skills while learning valuable lessons in teamwork, communications and ethics that helps create a more valuable workforce for the future.

iCAST is currently focused on three Program Areas:

1. **Community Sustainability:** researching and developing sustainable solutions for communities and local businesses by providing technical assistance to conduct resource assessments, feasibility studies, business planning and project implementation for projects that promote a triple bottom-line approach to community development.
2. **Workforce Development and Training:** providing job training for unemployed and under-employed individuals in the 'green collar' job arena.
3. **Energy Efficiency:** administering energy efficiency retrofit programs for low income housing, non-profits, senior housing, and entire communities. Manage the entire process from qualifying clients to energy audits to ECM installation to final reporting and invoicing.

Our focus is building healthier communities. Our impact is a healthier planet.