

2022

Annual Report



Message from the Chairman of the Board

Dear friends of ICAST,

Thank you, staff, customers, contractors, investors, donors, and board members for your continued support of ICAST. We are proud of all our accomplishments in 2022 and grateful to everyone that helped make them happen.



Dr. John Trefny
Chairman of the Board

Your support and guidance allow ICAST to fulfill our purpose: to deploy green solutions that positively impact low- to moderate-income (LMI) communities. In 2022, ICAST launched new programs in New Mexico and Connecticut that will help LMI families improve the safety, health, energy efficiency, and affordability of their homes. We won awards from the U.S. Dept. of Energy to demonstrate how states can scale up weatherization in multifamily affordable housing and apply innovative new distributed energy resources to create grid-interactive efficient buildings. We launched a new training program on design, install, and maintenance of high-efficiency heat pump HVAC to help contractors gain access to new talent. And we started building partnerships with Tribes in New Mexico to help them access energy efficiency and renewable energy solutions that will reduce utility costs and provide cleaner and safer homes and local jobs. We served over 35,000 people, invested over \$24.5 million in local communities, and created almost \$27 million in lifetime utility cost savings. Our work created 269 sustainable jobs and will reduce ~785 million lbs. of carbon emissions.

2023 is gearing up to be another record year. We are growing our staff capacity to take advantage of the billions of dollars for green projects provided by the Inflation Reduction Act and Bipartisan Infrastructure Law. We plan to launch weatherization and utility programs in new geographies and are quickly ramping up our solar and energy storage efforts. In 2023, we plan to bring green solutions including solar, high-efficiency heat pumps, and EV charging infrastructure, to 60,000 LMI households across the U.S.

We look forward to 2023 and beyond with excitement and hope to earn your continued support.

Thank You,

Dr. John Trefny

Chairman of the Board, ICAST

About

ICAST (International Center for Appropriate and Sustainable Technology) is a 501c3 nonprofit with a history of designing, launching, managing, and scaling programs to benefit underserved communities. Its focus is delivering clean energy upgrades to low- and moderate-income (LMI) households in multifamily affordable housing (MFAH) and disadvantaged communities. ICAST facilitates whole-building green solutions for tens of thousands of households in MFAH annually.

Mission

To create economic, environmental, and social benefits for communities in a manner that builds local capacity.

Purpose

To preserve affordable housing, address climate change, and create local jobs by deploying green solutions in an innovative, equitable, and efficient manner.

Social Impact

- ✓ Preserving affordable housing
- ✓ Creating healthier and safer homes
- ✓ Investing in communities in a way that builds local capacity

Economic Impact

- ✓ Saving households on their utility and health care costs
- ✓ Creating/Retaining sustainable jobs
- ✓ Investing in local economies
- ✓ Increasing property values and Net Operating Income

Environmental Impact

- ✓ Reducing carbon emissions and mitigating the climate crisis
- ✓ Eliminating water waste
- ✓ Reducing pollution from energy production
- ✓ Preventing unnecessary development by preserving existing housing

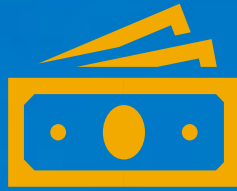
2022 Highlights

People Served



35,195

Dollars Invested in Local Communities



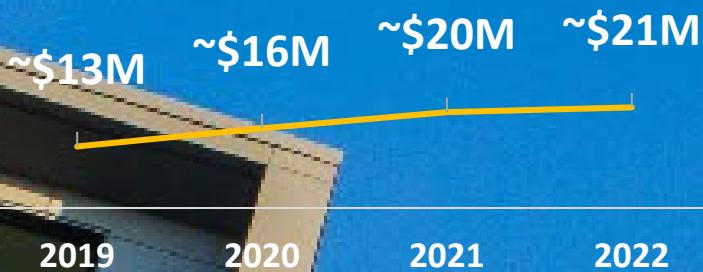
\$24.5M+

Sustainable Jobs Created

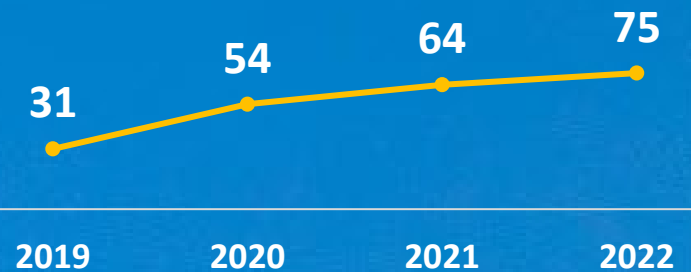


269

Revenue



ICAST Staff



"ICAST does all the leg-work for me and sets things up...their contractors are vetted and they know that they're going to do a good job and they know that the pricing is going to be reasonable."

Lisa Jones

President, Danville Development Corporation

"ICAST was able to include not only energy improvements for my building, but also other enhancements that have totally changed the look and feel of my building..."

Kevin Liddy

Reef Point Apartments IV

"ICAST answered all my questions. They directed the project to a higher level than I ever expected... I saved a lot of money because the incentives and rebates they got me paid for half the cost..."

Gerald Billings

Manager, WKS LLC.

2022 Highlights

Helping Tribes Secure Energy Independence: ICAST was selected by the Pueblo of Jemez (POJ), a federally recognized sovereign nation in New Mexico, to help them achieve energy independence. It will work with POJ and other project partners to develop the plans to acquire and/or create the energy infrastructure necessary for POJ to be carbon-neutral and create a path toward economic development and local job creation.

Scaling Weatherization Services in MFAH: ICAST was awarded funds from the U.S. Dept. of Energy to pilot “Weatherization Assistance Program (WAP) 2.0,” an innovative redesign of the WAP that will demonstrate how States can expand services for MFAH and incorporate distributed energy resource solutions.

Addressing Weatherization Barriers: ICAST was selected to help manage Connecticut’s new Statewide Weatherization Barrier Remediation Program. It is collaborating with the Connecticut Department of Energy and Environmental Protection to identify, qualify, and coordinate with local service providers to facilitate health and safety and weatherization upgrades for LI households across Connecticut.

Expanding Healthy Homes Work: ICAST received an award from the U.S. Dept. of Housing and Urban Development to conduct healthy homes and energy efficiency upgrades in LI MF units in New Mexico. Upgrades will make it possible for more New Mexicans to live in safer, healthier, and more comfortable homes.

Closing the Green Technology Skills Gap: ICAST helped kick off a project to develop a Denver Clean Energy Construction Career Accelerator to provide green construction training for entry-level workers and high-efficiency heat pump upskilling for contractors.

Board of Directors

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ICAST Advisory Board

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Quinn Keenan
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HR Recruiting and Training Coordinator

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Kim Teetzel
Marketing Coordinator

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HR Generalist

Nicklaus Watson
IT Technician

Leslie Welch
Proposal Writer II

Nataly Welch
Marketing and Business Development Trainee

Lynn Whitfield
Director of Human Resources

Jeff Wilkinson
Director of Construction Management / Vendor Relations

Max Wilkinson
Healthy Homes Program Manager