

2023

Annual Report



Message from the Chairman of the Board

Dear friends of ICAST,

Thank you to our staff, customers, contractors, investors, donors, and board members for your continued support of ICAST. We are proud of all our accomplishments in 2023 and grateful to everyone that helped make them happen.



Dr. John Trefny
Chairman of the Board

Your efforts allow ICAST to fulfill our purpose: to deploy green solutions that positively impact the low- and moderate-income population. In 2023, ICAST invested over \$35M in local communities, creating ~\$400 in annual utility bill savings for each household served and ~\$43M in total lifetime utility cost savings. Our work created 453 sustainable jobs and will reduce over 1 billion lbs. of carbon emissions. ICAST continued its innovative programs to increase the adoption of solar and very high-efficiency heat pump technologies in multifamily affordable housing (MFAH) properties, and developed and disseminated resources to help other stakeholders replicate our success.

2024 is gearing up to be another record year. We have been growing our staff capacity to take advantage of the billions of dollars for green projects provided by the Inflation Reduction Act (IRA) and Bipartisan Infrastructure Law (BIL). We have been working with local government agencies to help them understand how they can leverage their IRA and BIL allocations to serve low-income households. In 2023, we signed contracts with three new States to design and manage new MFAH-focused weatherization programs, and expect to sign another three new States in 2024.

In 2024, ICAST plans to invest over \$70 million in green solutions for communities through its weatherization, solar PV, beneficial electrification, healthy homes, utility energy efficiency, workforce training, and other programs. We look forward to 2024 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 living in MFAH and disadvantaged communities (DAC).

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 and economic opportunities by deploying green solutions in an innovative, equitable, and efficient manner.

Social Impact

- ✓ Preserving affordability of housing for LMI families
- ✓ Creating healthier and safer homes
- ✓ Investing in communities in a way that builds local capacity

Economic Impact

- ✓ Reducing utility bills and health care costs
- ✓ Creating/Retaining sustainable jobs
- ✓ Investing in local economies
- ✓ Increasing property values

Environmental Impact

- ✓ Reducing harmful emissions to mitigate the climate crisis
- ✓ Eliminating water waste
- ✓ Reducing pollution from energy production
- ✓ Preventing unnecessary development by preserving existing housing

2023 Highlights

Households Served



34,600

Dollars Invested in Local Communities



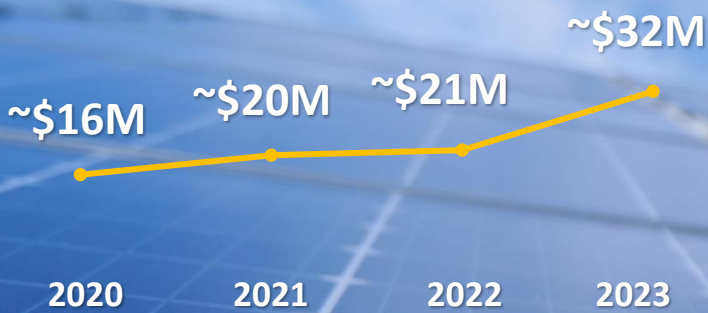
Over \$35M

Sustainable Jobs Created

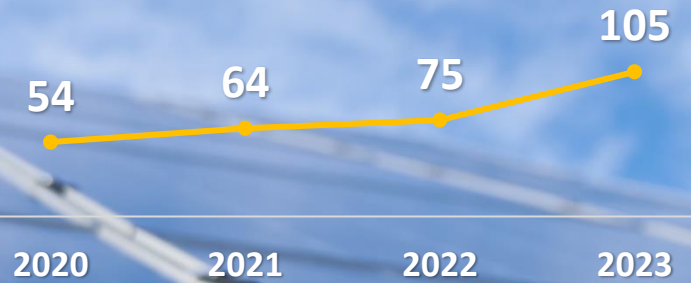


453

Revenue



ICAST Staff



Customer Testimonials

Click (or press CTRL+click) on the thumbnails to watch the videos.



2023 Highlights

Scaling Weatherization Services in MFAH: With the infusion of BIL funds into the federal Weatherization Assistance Program (WAP), ICAST has been engaging with state WAP agencies to help them understand how they can utilize their BIL WAP allocations to provide services to the neglected MFAH market. ICAST signed contracts with Tennessee, Michigan, and Connecticut to help them design, launch, and manage statewide, MFAH-focused WAP services.

Increasing Heat Pump Adoption: In 2023, ICAST concluded a three-year program funded by U.S. Dept. of Energy's (DOE) Building Technology Office to catalyze the mass adoption of heat pump HVAC and heat pump hot water solutions in MFAH. The grant included advocacy work to influence state policies and local building codes towards heat pump technologies, in partnership with Southwest Energy Efficiency Project. Additionally, it was a banner year for our Rocky Mountain Power (RMP) MF Demand-Side Management program in Utah for heat pump installs, totaling over 6,000, including a record 1,000 heat pumps in Sept. 2023. ICAST achieved over 25M kWh savings for RMP, with low-income customers receiving 57% of the program budget. ICAST also signed a Teaming agreement with Carrier Corp. for supply of heat pump HVAC systems for its national footprint.

Solar and Storage: In 2023, ICAST concluded a three-year program funded by DOE's Solar Energy Technologies Office to advance the deployment of solar photovoltaic (PV) and potentially energy storage solutions for the benefit of LMI residents. ICAST signed Letters of Interest for 30MW of solar for this DOE grant. It is using the lessons learned from this program to capture the new opportunities through IRA and BIL, with Tribes, municipal utilities, and electric cooperatives nationally, for community solar and battery energy storage solutions.

Engaging with Government Agencies: ICAST has been responding to state and federal-level Requests for Information regarding BIL and IRA funding, engaging in committee and conference meetings, and networking continuously in order to assist in the advocacy of legislation and programmatic guidance that directly supports our target populations. ICAST has created resources to show federal and state agencies how and why MFAH-focused programs can help them with their program goals, because these programs are easily scalable, cost-effective, and in alignment with federal Justice40 goals. Find our set of resources here:

https://bit.ly/ICAST_MF.

ICAST Board Members

Board of Directors

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