



Control Number: 2520-1516

Abstract

Project Title: Launching WAP 2.0

Team Lead
International Center for Appropriate and Sustainable Technology (ICAST)
PM: Ravi Malhotra, President, 720-261-1086, ravim@icastusa.org
Team Members
National Housing & Rehabilitation Association (NH&RA); National Association of State Energy Officials (NASEO); National Energy Assistance Directors’ Association (NEADA); Missouri Department of Natural Resources (MO-DNR); New Mexico Mortgage Finance Authority (NM MFA); Triple Bottom Line Foundation (TBL Fund)

Background: ICAST is a 20 year old national 501c3 nonprofit spin-off from the Engineering School at the University of Colorado at Boulder. ICAST implements energy green upgrades including weatherization for the multifamily affordable housing (MFAH) sector. ICAST’s mission is to preserve housing affordability, address climate change, and create local jobs and economic opportunities for low-and-moderate income (LMI) communities.

Project Objectives:

1. Create an innovative weatherization assistance program (WAP), focused on MFAH
2. Leverage additional funding to increase the households served w/o increasing WAP budget
3. Demonstrate how to deploy DERs in WAP projects
4. Develop and disseminate a Resource Guide that can help scale WAP 2.0 nationally

Project Summary

ICAST proposes to launch **WAP 2.0**, an innovative redesign of the WAP for the historically underserved MFAH market¹ to simplify the intake and implementation of WAP for MFAH, while deploying state-of-the-art distributed energy resources (DERs). ICAST will implement at least three WAP 2.0 pilot projects and encourage at least one State WAP administrator to launch a WAP 2.0 program. The project team will detail its successes, process designs, lessons learned and case studies in a Resource Guide (“Guide”) to help ensure program scalability and replicability. WAP 2.0 will significantly reduce energy bills and decarbonize housing, in alignment with Justice40 goals. ICAST partners will help build interest with MFAH owners interest (NH&RA); engage with WAP administrators (NASEO, NEADA, and NH&RA); provide the first pilot site (MO-DNR); offer project financing (TBL Fund); and as such provide advice on the project progress and help with outreach (NM-MFA).

¹ [More Savings for More Residents: Progress in Multifamily Housing Energy Efficiency, ACEEE, February 2017](#)