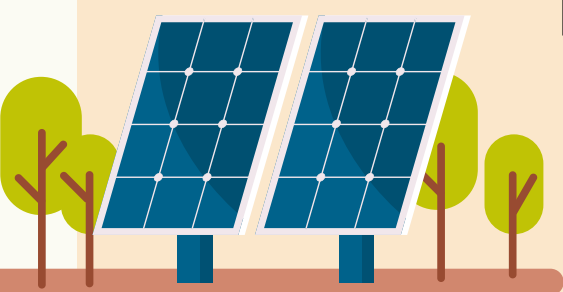


UPSCALING GRID-FRIENDLY, RESILIENT, AFFORDABLE, AND EFFICIENT MODULAR HOUSING



Project team: Lawrence Berkeley National Laboratory, Mighty Buildings, Inc., Habitat for Humanity, East Contra Costa Community Alliance
Demonstration location: Contra Costa County, CA
Funding: \$5M California Energy Commission + \$2.4M match funding
Timeline: 2023-2027

PROJECT GOAL:



Demonstrate 3 lower-cost prefab townhomes exceeding 2022 California Title 24 and with greater resilience features in Bay Point, Contra Costa County, CA

COST MODEL

Develop home-ownership cost model including manufacturing cost model to highlight industry-wide cost reduction opportunities

TRAINING

Develop training programs to improve the knowledge of modular home construction technologies

COMMUNITY ENGAGEMENT

Develop community-driven statewide deployment strategies

KEY INNOVATIONS

“Cool room” concept

Advanced 3D printing manufacturing techniques

Onsite structural / waterproofing test kits

FOR MORE INFORMATION

Contact: Jingjing Zhang (jingjingzhang@lbl.gov) and Max Wei (mwei@lbl.gov)



SCAN ME

