

Tri-County Regional Energy Network

Collaborating to bring ratepayer dollars back to our region



Presentation to the Board of Supervisors 11/28/23



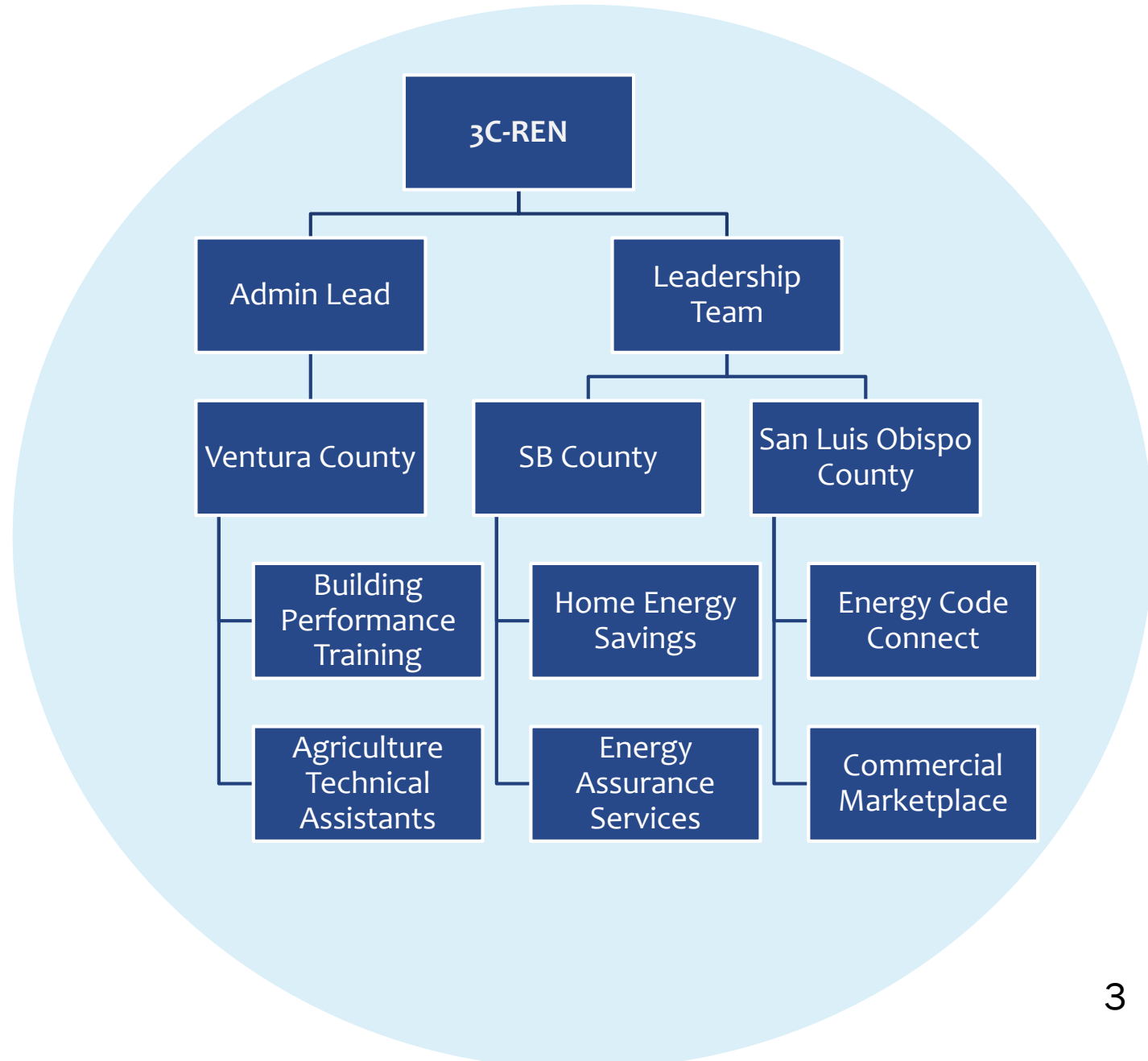
Recommended Actions

- Receive and file updates on 3C-REN activities
- Approve and authorize the Chair to execute the First Amendment to the 3C-REN MOA
- Approve and authorize the Chair to execute an Agreement with Arup for 3C-REN's EAS program
- Authorize the CSD Director, or designee, to extend the term of the Agreement with Arup for up to 1 year
- Determine actions are not subject to CEQA

Structure and Goals

GOALS:

- Deliver Energy Saving Programs and Reduce GHGs
- Prepare Workforce for Clean Energy Transition
- Invest in our Local Economy



Timeline for Collaboration

2013

SB, VC and SLO
Counties jointly
offer EE programs

2018

CPUC approves
\$50M for 3C-REN
Business Plan

2022

3C-REN submits
new \$155M
Business Plan



3C-REN
submits \$50M
Business Plan
to CPUC

3C-REN
launches RES,
WET and C&S
Programs

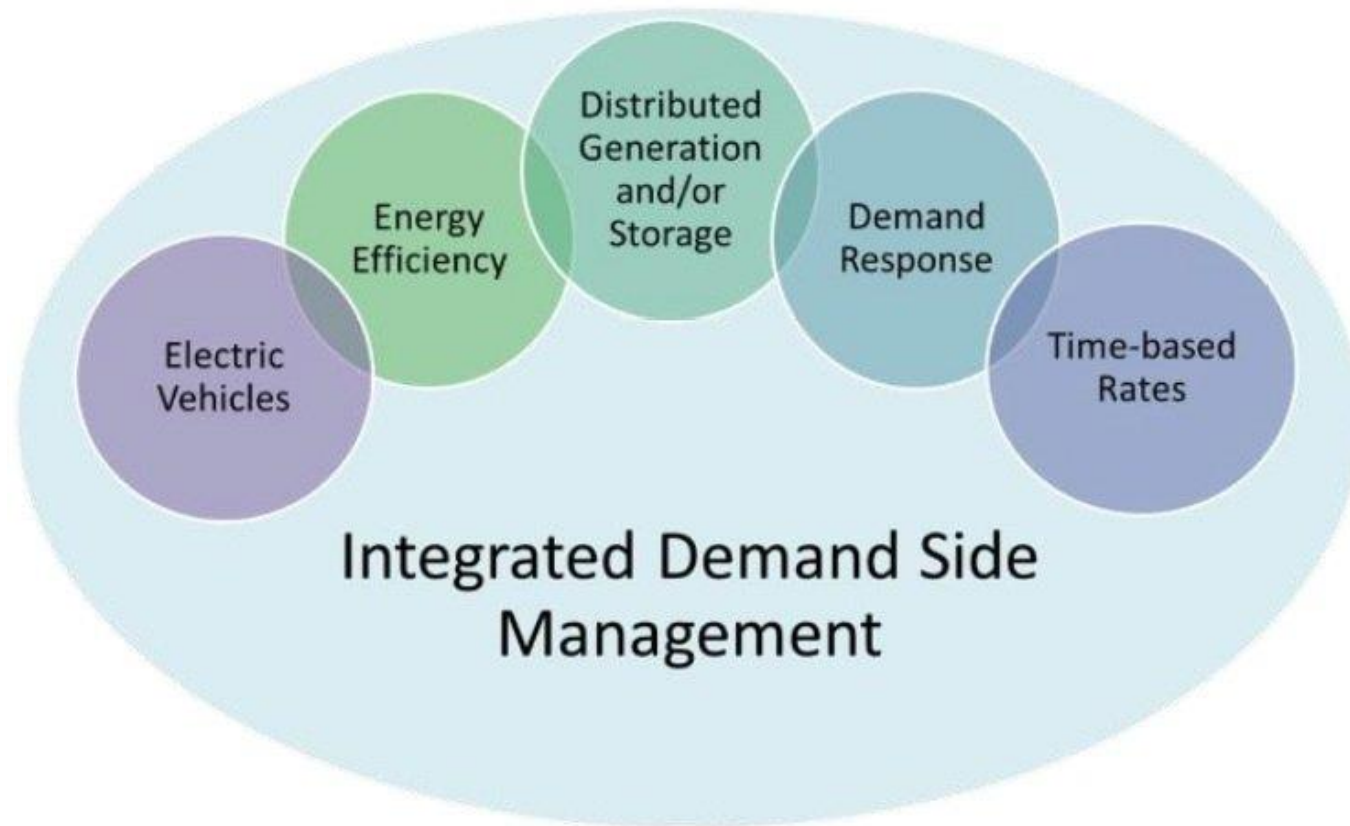
CPUC Approves
\$155 Business Plan

2016

2019

2023

A Paradigm Shift



3C-REN Programs

Existing

- Single Family Home Energy Savings
- Multifamily Home Energy Savings
- Building Performance Training
- Energy Code Connect

New

- Commercial Marketplace
- Energy Assurance Assistance
- Agriculture Technical Assistance





HOME
ENERGY
SAVINGS

SINGLE FAMILY PROGRAM OVERVIEW

- Incentive program to benefit single family homeowners
- Pays incentives for energy saving projects of all types- including electrification
- Incentives for "hard to reach" homes are highest
- Homeowners work with enrolled contractors to access benefits



Achievements



225 Total Projects completed to date

Example: Ariel Colon and his family in Lompoc received a free heat pump water heater by combining the incentives from 3C-REN and state TECH program.

“I have solar and I am working towards getting rid of natural gas in my home because of the high gas bills recently, and the environmental benefits”- Colon

\$7,300 project= free for the “Hard to Reach” family.



HOME
ENERGY
SAVINGS

MULTIFAMILY PROGRAM OVERVIEW

- Incentive program for multifamily property owners (up to \$750/per unit)
- Technical assistance to plan for energy upgrades
- Lower energy use and emissions, save households money, improve resident health and comfort, increase local electrification





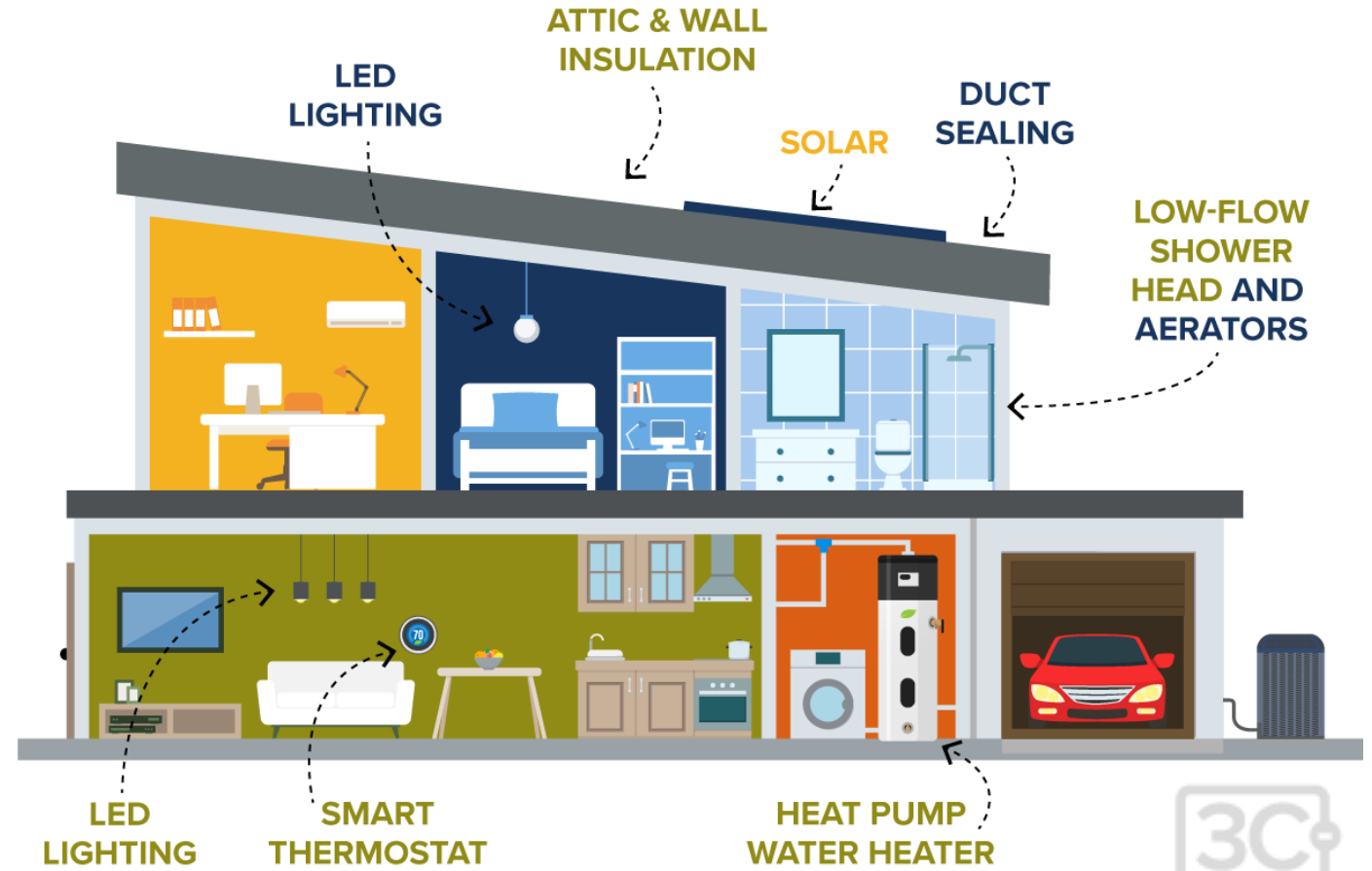
HOME
ENERGY
SAVINGS

Achievements

Completed: 7 properties
(220 Apartments)

In Progress: 113 properties
actively exploring program
participation

Outreach: Letters from
County Supervisors- most
successful method





BUILDING PERFORMANCE TRAINING

- Building professionals
- Technical training, soft skills
- Helps workers thrive in an evolving industry; equip workers with the skills to lower building emissions





**BUILDING
PERFORMANCE
TRAINING**

Achievements



- **~50 Trainings per year**
- **~ 1,000 attendees per year**
- Wide range of courses such as:
 - Introduction to Passive House Design
 - Home Electrification Planning
 - Overcoming Objections to Heat Pumps





ENERGY
CODE
CONNECT

- Serves all building professionals, with an emphasis on jurisdiction staff
 - Energy Code Coach
 - Training and Support
 - Regional Forums
 - Reach Codes
- Makes the Energy Code easy to follow



Commercial Marketplace

- **Who:** Small businesses (<25 employees) with high energy use and demand .
- **What:** Technical assistance, program referrals, and incentives based on energy savings .
- **Why:** Increase capacity for small business without knowledge or time to invest in energy upgrades. Reduce the costs of energy upgrades.

Energy Assurance Services

- **Who:** Public sector, commercial or nonprofit facilities that provide critical services
- **What:** Technical assistance for energy efficiency and resiliency projects; program referrals to support project implementation
- **Why:** Equip critical facilities to weather the impacts of climate change. Address need for technical assistance to identify energy and resiliency projects

Agricultural Technical Assistance

- **Who:** Indoor agriculture/cannabis and smaller agricultural operations
- **What:** Technical assistance to assess energy consumption and recommend upgrades. Assistance with accessing financial incentives.
- **Why:** Keep agriculture—core to the local economy—strong in the face of climate impacts . Curb energy use in the emergent cannabis sector. Help growers manage energy costs .





Questions?

For more info: 3c-ren.org

