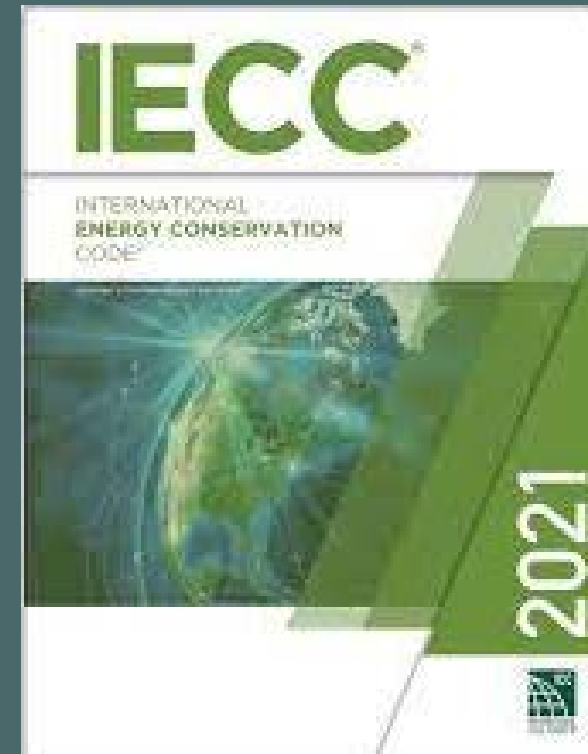


SUPPORTING COMMUNITY GOALS THROUGH BUILDING ENERGY CODES

CHRISTINE BRINKER
2021 CML CONFERENCE







ICC INTERNATIONAL
CODE
COUNCIL®



ICC INTERNATIONAL
CODE
COUNCIL®



PHOTO COURTESY: INTERNATIONAL CODE COUNCIL

SAFE

HEALTHY

DURABLE


COMFORTABLE

AFFORDABLE

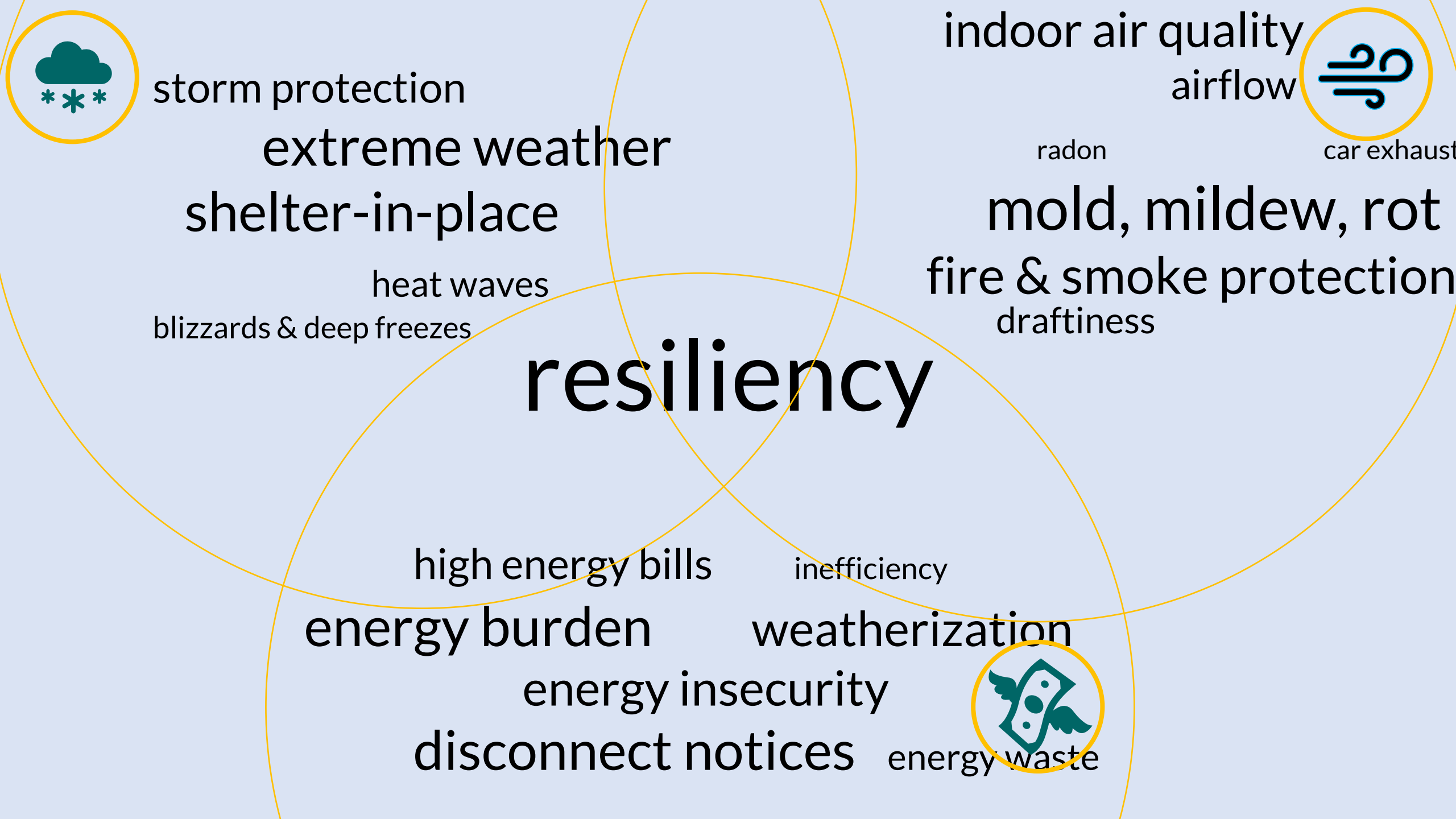
(LONG-TERM, NOT
JUST FIRST COST)

SUSTAINABLE





THE ENERGY CODE IS NOT AN
ASPIRATIONAL STANDARD—
IT IS THE **BARE MINIMUM** THAT
BUILDING OFFICIALS DEEM
ACCEPTABLE AND THAT
CONSUMERS EXPECT THEY ARE
GETTING.



storm protection

extreme weather

shelter-in-place

heat waves

blizzards & deep freezes

indoor air quality

airflow

radon

car exhaust

mold, mildew, rot

fire & smoke protection

draftiness

resiliency

high energy bills

inefficiency

energy burden

weatherization

energy insecurity

disconnect notices

energy waste



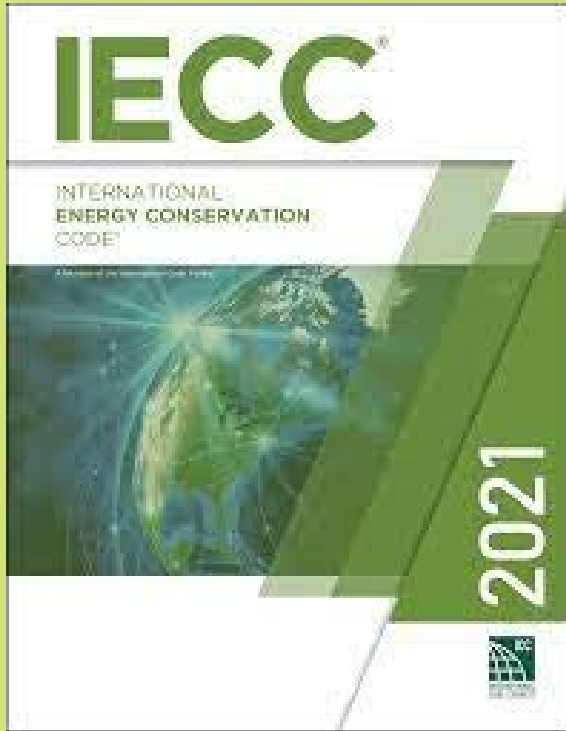
1 IN 4

MOUNTAIN REGION HOUSEHOLDS LIVE IN ENERGY INSECURITY *

- * Reducing or foregoing food or medicine to pay for energy costs
- Leaving home at unhealthy temperature
- Receiving disconnect notices
- Unable to use heating or cooling equipment



Table HC11.1 (before pandemic)



VS





OLD CODE

UP TO DATE

**MOVING TO
NET ZERO**

2018 IECC

Adams County
Arvada
Bennett
Berthoud
Boulder, City
Breckenridge
Brighton
Broomfield, City and County
Canon City
Castle Rock
Cedaredge
Center
Cherry Hills Villag
Commerce City
Craig
Cripple Creek
Denver, City and County
Dillon
Douglas County
Elbert County
Elizabeth
Englewood
Fort Collins
Fort Morgan
Franktown
Frederick
Fremont County
Frisco
Glendale
Glenwood Springs
Golden
Greeley
Greenwood Village
Hayden
Hinsdale County
Hotchkiss
Idaho Springs
Jefferson County

Keensburg
Kiowa County
Lake City
Larimer County
Las Animas County
Lochbuie
Lone Tree
Longmont
Loveland
Louisville
Moffat County
Morrison
Mountain Village
Northglenn
Oak Creek
Orchard City
Ouray County
Parachute
Parker
Ridgeway
Routt County
Silverthorne
Steamboat Springs
Summit County
Superior
Telluride
Thornton
Trinidad
Vail
Walden
Wellington
Wheatridge
Windsor
Yampa

STATS

AS OF SEPT 2021

55 jurisdictions are on the 2018 (2.6 million Coloradans, **46% of the state**)

152 jurisdictions are on the 2018, 2015, and 2012 (4.9 million Coloradans, **86% of the state**)

86 jurisdictions still have no energy codes, (130,000 Coloradans, **2% of the state**). 58 have no building codes (66,000 Coloradans. 1% of the state)

MOVING TO 2018 IECC

~a dozen jurisdictions

MOVING TO 2021 IECC

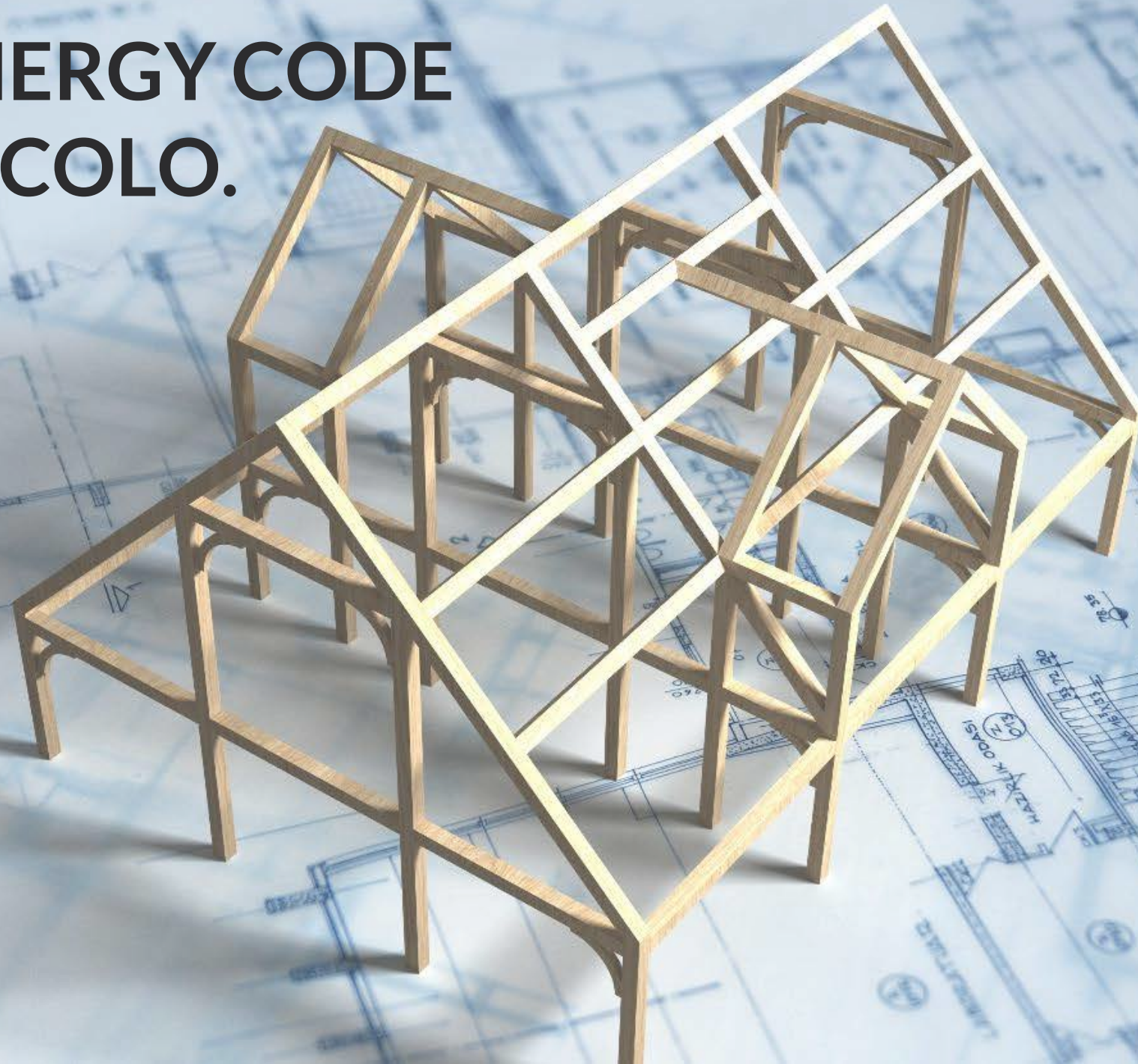
~a couple dozen jurisdictions

EV-READY

Aspen
Avon
Boulder County
Breckenridge
City of Boulder
Denver
Dillon
Durango
Fort Collins
Frisco
Golden
Lafayette
Lakewood
Louisville
Summit County

+ more in progress

2019 ENERGY CODE LAW IN COLO.



NEW FOR 2024 MODEL IECC

- “Standards process”
- Local govt’s no longer have final vote
- No roll-backs
- Optional zero-energy pathway by 2030
- GHG reduction measures can be included in scope

WHAT YOU CAN DO

RE: ENERGY CODES

WHAT YOU CAN DO

- Connect your climate / sustainability plans and building codes
- Connect your sustainability staff and building dept staff
- Keep your community up to date on energy code
- Form a cohort with nearby jurisdictions
- Make use of free training from CEO and Xcel
- Consider long-term costs and benefits
- Add in EV, PV, and electric-ready wiring, plus efficiency strengthening amendments
- **Set goal and make plan for net zero new construction by 20xx**



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