

# Local Energy Resources Network



**Meeting 9**  
**June 14, 2022**

*Let's LERN Together – Featuring a  
Conversation on the CARB Draft 2022  
Scoping Plan*



# Welcome!

## Purpose

Interactive 1-hour meetings designed to be a regular space where local governments - and those who work with them - can help each other learn about (and possibly inform) available opportunities to advance their energy and climate goals.

## TODAY'S AGENDA

- Opportunity Roundtable
- Featured Discussion on CARB Draft 2022 Scoping Plan with **Jon Constantino**, Tradesman Advisors
- BPC Workshop: **CARB Draft Scoping Plan Comments**



# Opportunity Roundtable

## Opportunities for...

1

### Funding

- [SGC: Transformative Climate Communities](#) (7/1/22)
  - [CSD: Low-Income Weatherization Program, Multi-Family Housing Administrator](#) (7/13/22)
  - [SGC: Regional Climate Collaborative](#) (pre-proposal 7/15/22)
  - [USDA Rural Energy Pilot Program](#) (7/18/22)
  - [OPR: Community Economic Resilience Fund](#) (7/25/22)
  - [CSD: Regional Early Action Planning \(REAP\) Grants](#)
- COMING SOON:**
- [EPIC - Storage](#) (Spring 2022)

2

### Other Assistance

- Register for [CCEC Forum](#) (9/21-22)!

3

### Input

- CARB's [Draft 2022 Scoping Plan](#) ([comments](#) due 6/24/22)

## On the horizon...

### Federal

#### - [Infrastructure Law \(2021\)](#)

- [Guidebook](#)
- [Program Spreadsheet](#)
- [EECBG \(Fall 2022\)](#)
- [Storage demo grants](#)
- [Energy Futures Grants](#)

#### - [Biden 2022-2023 Budget](#)

#### - [Build Back Better Bill](#) (hold)

### State

#### - [CA Proposed State Budget 2022-23](#)

#### - [Senate Budget Proposal: Putting Wealth to Work Plan \(\\$18B for Climate\)](#)

#### - [OPR Climate Adaptation and Resilience Planning Grant \(\\$25M\)](#)

#### - [CPUC Microgrid Incentive Program \(\\$200M\)](#)



# ***Featured Guest***



Founding Principal,  
Tradesman Advisors  
**Jon Costantino**

# California's 2022 Scoping Plan Update

-Local Gov't-



# Presenter

Jon Costantino -  
Principal at Tradesman Advisors Inc.  
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# Outline

- ▶ **AB 32 - California's Landmark Greenhouse Gas Reduction Law**
- ▶ **The “AB 32 Scoping Plan”**
  - ▶ What is it?
  - ▶ Why we should care?
- ▶ **The 2022 Scoping Plan Update**
  - ▶ What's happening today?
  - ▶ What it means looking forward?
  - ▶ What does it say about local government?
    - ▶ Expectations

# The “AB 32 Scoping Plan”



# CARB's Role Under AB 32

- ▶ AB 32 grants CARB very broad authority to:
  - ▶ Maintain inventory
  - ▶ Regulate sources of GHGs throughout the economy
    - ▶ Combustion, refrigeration...
  - ▶ There are limits
    - ▶ Permitting, land use...
- ▶ AB 32 focused on 2020 GHG reduction target, but no sunset date
  - ▶ SB 32 focused on 2030 GHG reduction target
- ▶ CARB's implementation bounded by AB 32's parameters
  - ▶ Planning document - the Scoping Plan - required before (most) regulations
  - ▶ First Scoping Plan must be adopted by 1/1/2009, updated at least every five years
  - ▶ CARB to be advised by an Environmental Justice Advisory Committee (EJAC)
  - ▶ Requires substantial public process



# Previous Scoping Plans



## 2017 Scoping Plan Update

Achieving California's 2030  
Greenhouse Gas Target



## 2013 Scoping Plan Update

Building on the Framework



## 2008 Scoping Plan

A Framework for Change

# California's Emissions Trends

2019 Net Emissions:  
**418.2 MMT CO<sub>2</sub>e**

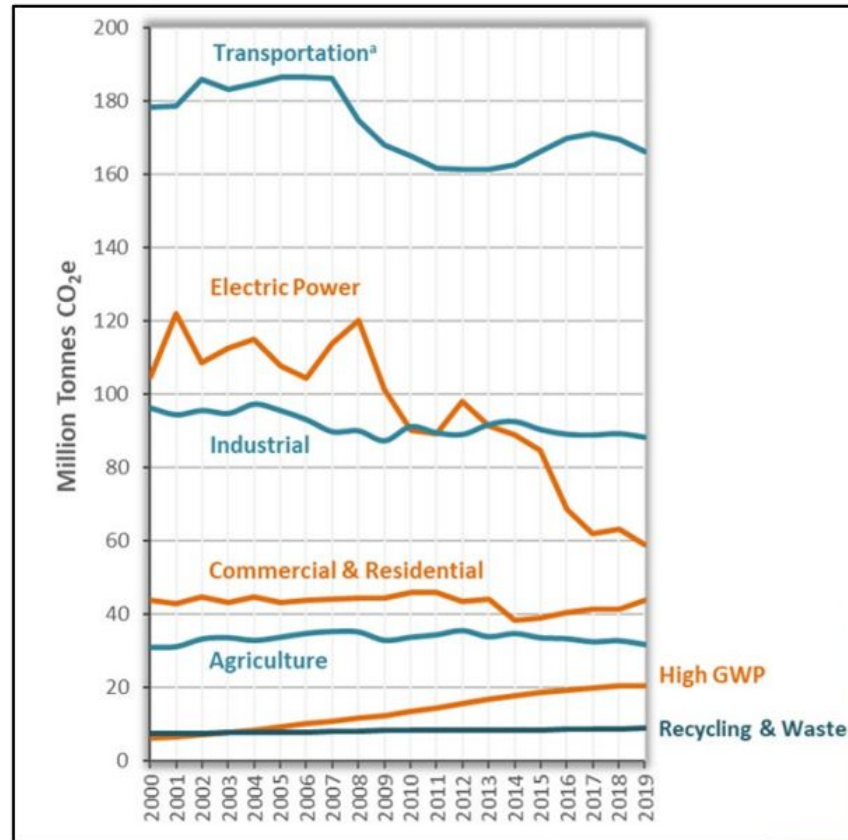
Compared to..

2004 Net Emissions:  
**480 MMT CO<sub>2</sub>e**

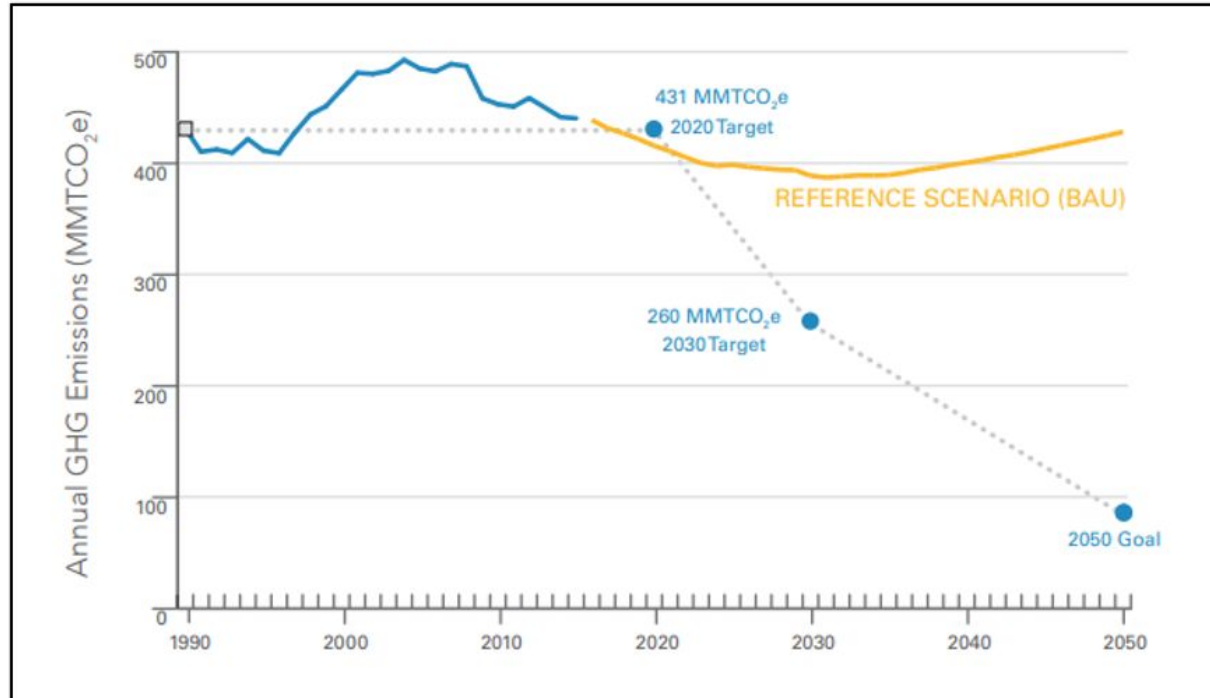
2020 Emissions Limit:  
**~430 MMT CO<sub>2</sub>e**

2030 Emissions Limit:  
**260 MMT CO<sub>2</sub>e**

[https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000\\_2019/ghg\\_inventory\\_trends\\_00-19.pdf](https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2019/ghg_inventory_trends_00-19.pdf)



# Magnitude of CA's GHG Reduction Goals (as of 2017 Scoping Plan Update)



# What's Different About the “Carbon Neutrality” Scoping Plan

Carbon neutrality goal not (currently) a statutory mandate

Balance of GHG sources and sinks, not single emissions reduction target

Separate modeling process to determine Natural and Working Lands carbon target

20-year planning horizon (longest of any Scoping Plan)

Multiple endpoints (2035 or 2045) for CARB Board to consider

# 2022 Scoping Plan Update Guideposts

- Key statutes

- AB 32, SB 32, AB 197, AB 398, SB 350, SB 100, SB 1383, SB 375, AB 617, AB 1504, SB 1386

- Key Executive Orders

- S-03-05, B-52-18, B-55-18, N-79-20, N-82-20

- EJAC Recommendations

- Public feedback

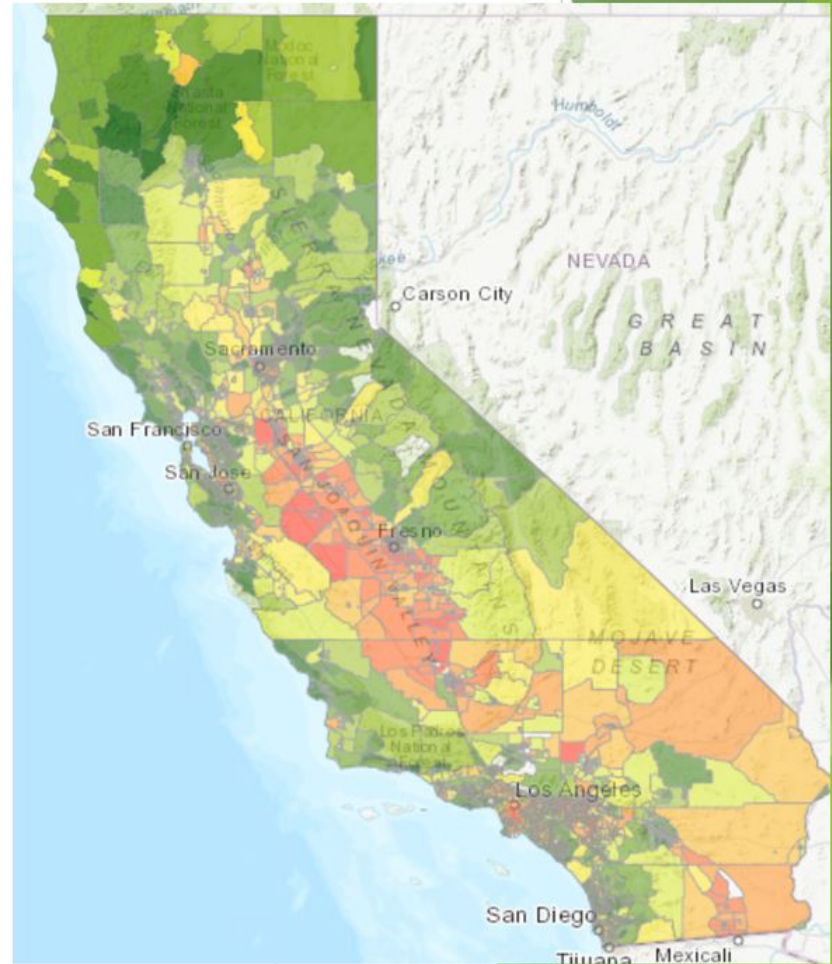
- Key Reports

- |   |   |
|---|---|
| ■ AB 74 Transportation Carbon Neutrality          | ■ Achieving Carbon Neutrality for California                        |
| ■ AB 398 Jobs & Climate Action Plan               | ■ Forest Carbon Plan and Wildfire and Forest Resilience Action Plan |
| ■ SB 100 100% Renewable & Zero-Carbon Electricity |   |



# Environmental Justice and Equity

**Environmental justice** is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of **environmental** laws, regulations, and policies.



# Breadth of AB 32/Scoping Plan Programs

Examples include...

**MRR\***

\*AB 32

Cap and Trade

LCFS

SF6 Regulations

Vehicle  
Electrification

Building  
Electrification

Landfill Methane  
Regulation

At-Berth  
Regulation  
(Shore Power)

CA Climate  
Investments\*

\*Cap-and-Trade funds

Non-exhaustive list!



## Initial high level takeaways from Draft Scoping Plan

Very ambitious/aspirational language, but rel. light on detail

Knits together *existing* policies and executive orders

Sets carbon neutrality timeframe and accounting

Affirms commitment to incentives, regulations, carbon pricing

Some discussion of uncertainty

Repeatedly references EJAC recommendations but does not address core priorities

# The Big Picture

- ▶ “Just a plan”... but regulations follow
- ▶ In all scenarios, fundamental changes as California moves to phase out combustion
- ▶ All buildings, all on-road vehicles, and some industries will electrify... maybe at the same time
- ▶ Significant challenges, but also significant opportunities, ahead



# Local Actions

- ▶ Located in Chapter 5 and Appendix D & E
- ▶ Two main focus areas in Scoping Plan body
  - ▶ Local Climate Action Planning and Permitting
  - ▶ Unlocking CEQA Mitigation for Local Success

# Local Actions (APPENDIX D)

- ▶ “Local Government Actions are Crucial for Supporting Attainment of the State’s Climate Goals”
- ▶ Role of Local Climate Action Planning
  - ▶ Transportation Electrification
  - ▶ VMT Reduction
  - ▶ Building Decarb
- ▶ Role of Land Use Plans and Development Projects
- ▶ CEQA Discussion

# Sustainable Communities (APPENDIX E)

- ▶ “Policy Framework to Advance Sustainable and Equitable Communities”
- ▶ Status Quo is “unsustainable”
- ▶ Need VMT reductions
- ▶ Suggested Actions
  - ▶ Plan and Invest in a Sustainable Transportation System
  - ▶ Manage Use of the Transportation System to Advance Climate, Air Quality, and Equity Goals
  - ▶ Shape the Deployment of New Mobility Options
  - ▶ Improve Alignment of Land Use Planning and Development with Climate and Equity Goals

# Next Steps in Adoption

- ▶ Board Meeting on June 23<sup>rd</sup>
  - ▶ First of two
  - ▶ Open Comment Period
- ▶ EJAC Meetings
  - ▶ Monthly regular meetings
  - ▶ Community Meetings
- ▶ CARB-Led Meetings
  - ▶ Summer time
- ▶ Fall Adoption of Proposed Plan

# CARB: Advanced Clean Fleets

- ▶ Applicability to all Public Fleets

50% of additions of MHD vehicles must be ZEV in 2024, 2025, and 2026

100% of additions of MHD vehicles must be ZEV beginning in 2027

- ▶ Informal Open Comment Period
- ▶ Formal Proposal expected in September
- ▶ 1<sup>st</sup> Board Meeting in October
- ▶ Final adoption mid-2023
  - ▶ Less than 6 months from compliance start

Thank You





# Q&A

**Please submit questions for Jon in the chat or raise your hand**

# BPC Workshop

## Topic: CCEC comments

Join us on Mural  
<https://bit.ly/LERNMuralScopingPlan>

Add questions or requests to the chat, raise your hand, or email [ahacker@civicwell.org](mailto:ahacker@civicwell.org)

- A very rough draft of comments was sent last week
  - You are encouraged to make suggestions within the shared doc or to me directly
- Join **Mural board** to provide input
  - Via facilitated questions
  - By Chapter or Appendix
- If there are other org's comments you would like us to consider amplifying, let us know
- Feel free to use our points in your comments
- You can also send comment directly to CARB, or attend EJAC or CARB workshops

# Local Energy Resources Network



## *What's Next?*

- Next meeting **July 12, 2022**
- Join us **July 1** for a CCEC Resource Organization Brainstorm
- Local Actions Listening Session with CARB in **July**
- Share [invitation](#) with others



# CCEC Serves Local Needs



wEEkly Update



CURRENTS Quarterly



Webinars



Annual Forum



Active Funding Opportunities



Funding Program Database



Technical Assistance



Technical Assistance Directory



Local Government Roundtables



Best Practice Database



Interviews and Case Studies