

**DOCKETED**

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# IEPR Commissioner Workshop to Accelerate Industrial Decarbonization

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MARK SIPPOLA  
AUGUST 3, 2021



# California's Climate Portfolio

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Double building efficiency



60% renewable power



More clean, renewable fuels



Slash potent "super-pollutants" from dairies, landfills and refrigerants



Cleaner zero or near-zero emission cars, trucks, and buses



Cap emissions from transportation, industry, natural gas, and electricity



Walkable/bikeable communities with transit



Invest in communities to reduce emissions



Cleaner freight and goods movement



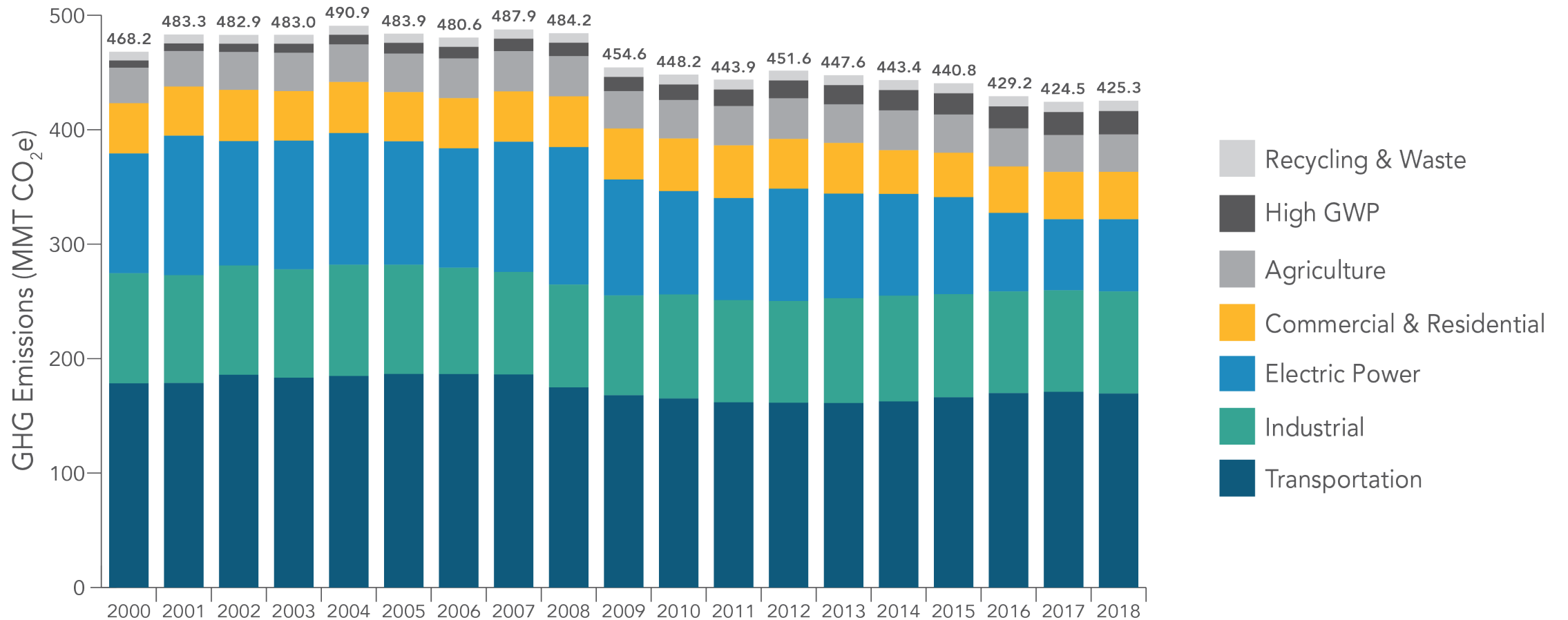
Protect and manage natural and working lands

# CARB Industrial Sector Regulations

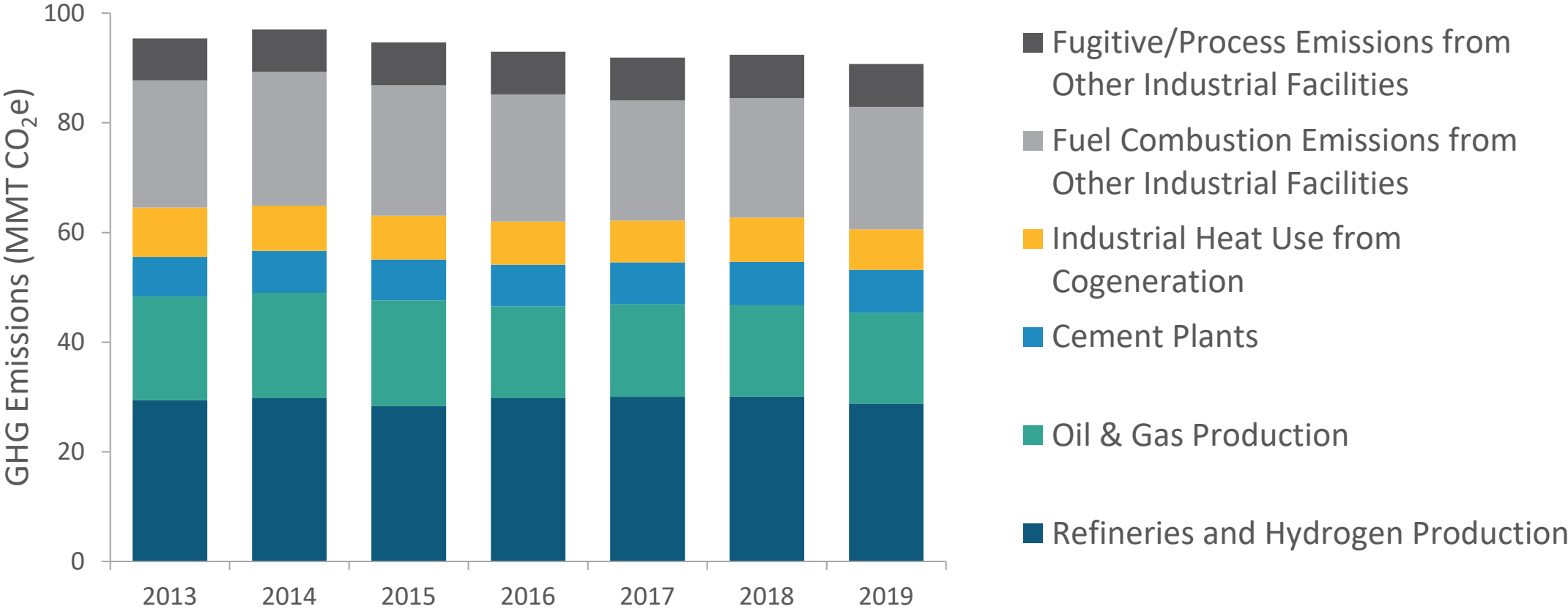
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- **Cap-and-Trade Regulation**
  - Steadily increasing economy-wide carbon price, including on large industrial sources
  - Industrial allowance allocation to minimize leakage
  - Nearly \$16 billion generated from Cap-and-Trade Auctions
- **Low Carbon Fuel Standard Regulation**
  - Reduce carbon intensity of transportation fuels
  - Incentivize GHG reductions at oil producers and refineries
- **Oil and Gas Regulation**
  - Reduces methane emissions from oil and gas production, processing, transport, and storage
- **Regulation for Energy Efficiency and Co-Benefits Assessment of Large Industrial Facilities**

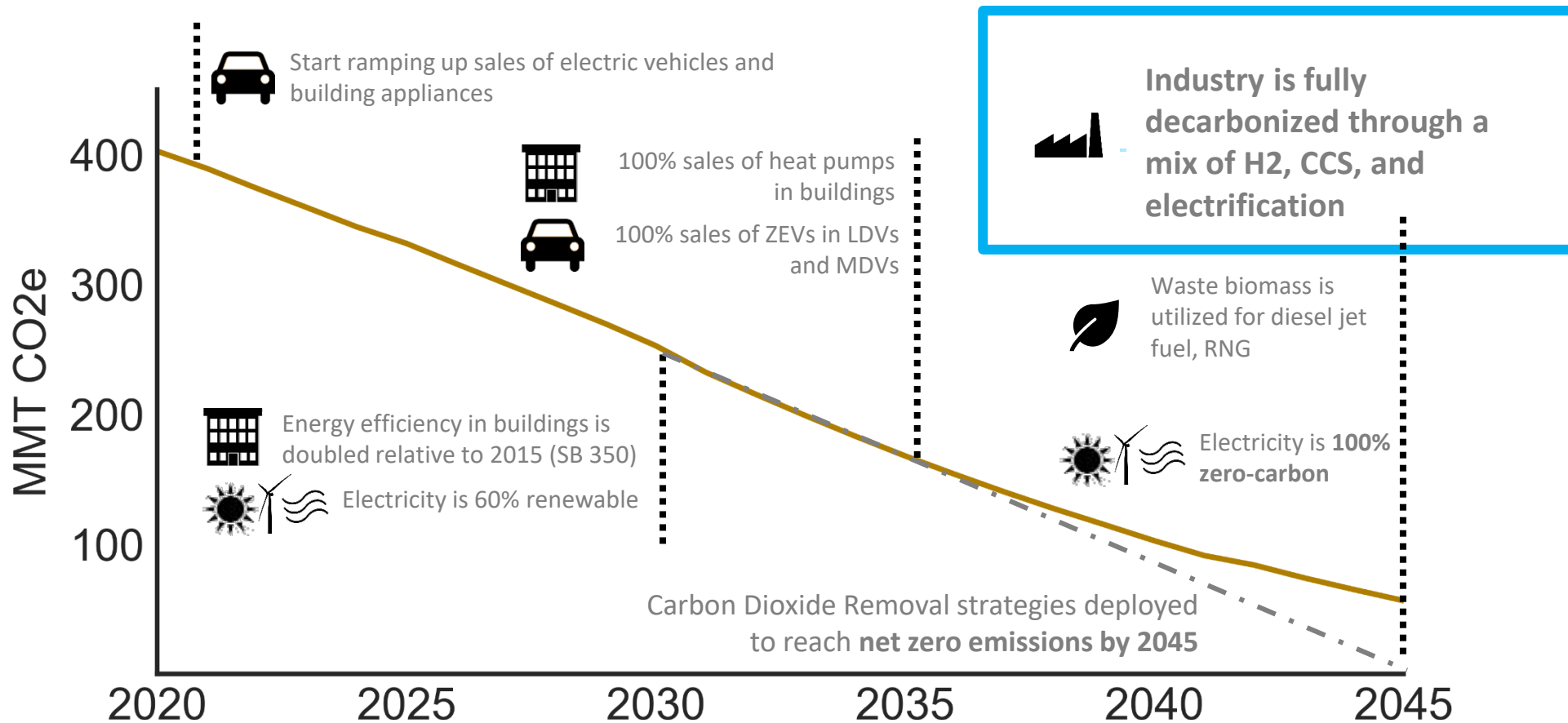
# California's GHG Emissions



# Industrial GHG Emissions

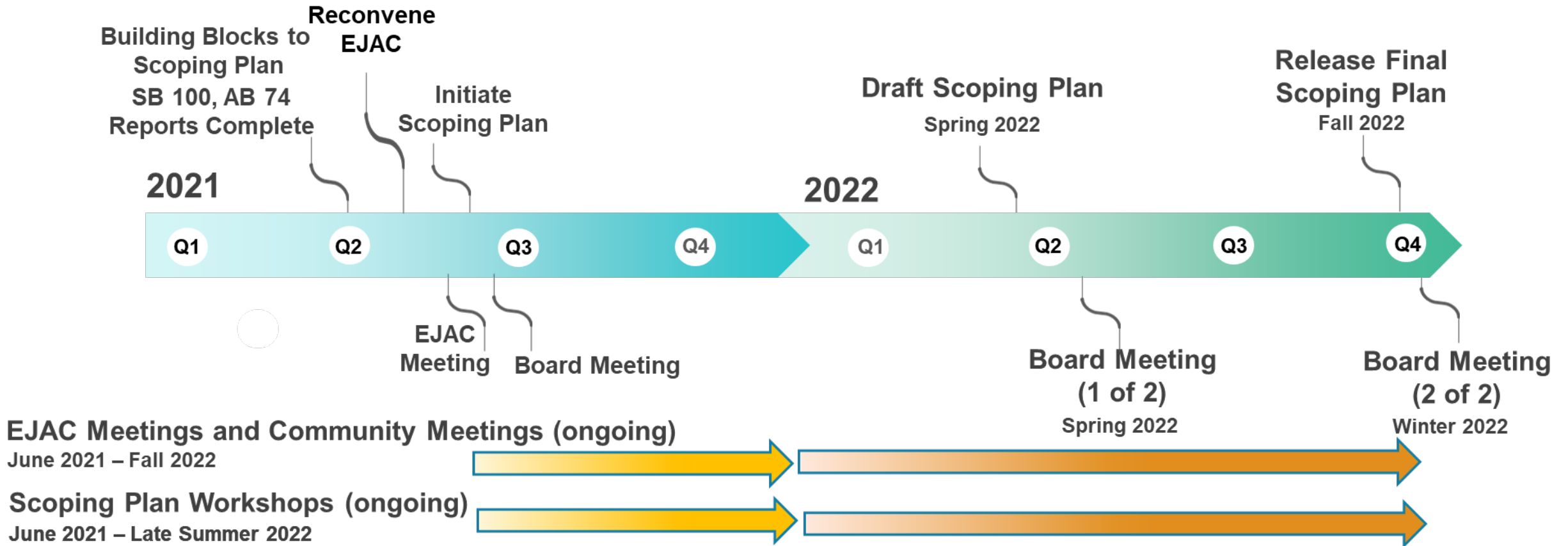


# 2020 E3 Carbon Neutrality Study



Source:  
E3, 2020

# 2022 Scoping Plan Update Schedule





# Resources

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- Scoping Plan

<https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan>

- Carbon Neutrality Workshops

<https://ww2.arb.ca.gov/our-work/programs/carbon-neutrality>

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