



Three Recent CARB Planning Documents Released for Public Comments & their Public Workshops



California Climate Investments
**Cap-and-Trade Auction Proceeds
Fourth Investment Plan**
Fiscal Years 2022-23 through 2024-25

September 2, 2021



2022 Scoping Plan Update –
Short-Lived Climate Pollutants
Workshop

SEPTEMBER 8TH, 2021



**Advanced Clean Fleets
Regulation Workshop**

September 9, 2021

California Climate Goals

California's climate change targets

GHG Emissions

40% below 1990 levels by 2030

80% below 1990 levels by 2050

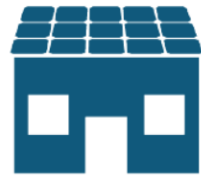
Carbon neutrality by 2045

Clean electricity 33% by 2020

60% renewable by 2045



GHG
Emissions
Reductions



Carbon
Neutrality



Zero-Emission
Vehicle
Deployment



Per Capita
GHG
Emissions
Reductions
from
Passenger
Vehicles



Energy
Efficiency &
Renewable
Energy



Natural &
Working
Lands



Short-Lived
Climate Pollutants
Organic Waste

Cap-and-Trade Action Proceeds Fourth Investment Plan

Funding Process and Guiding Principles



State of California
Department of Finance

- Annual appropriations
- Informed by Investment Plan
- State agencies implement programs

Greenhouse Gas
Reduction Fund
(GGRF)



Legislature



State Agencies



Support implementation of State climate goals

Advance equity and environmental justice

Improve public health

Support a climate-resilient and prosperous economic future

Foster interagency coordination

Fourth Investment Plan Development Timeline

February
Virtual
Workshop



August
Draft Plan
Released



**Submit
written
comment
by
September
17th**



January
2022
Deliver to
Legislature



Spring and
Summer
Coordination
With
stakeholders

Sept 2nd
Public
Workshop

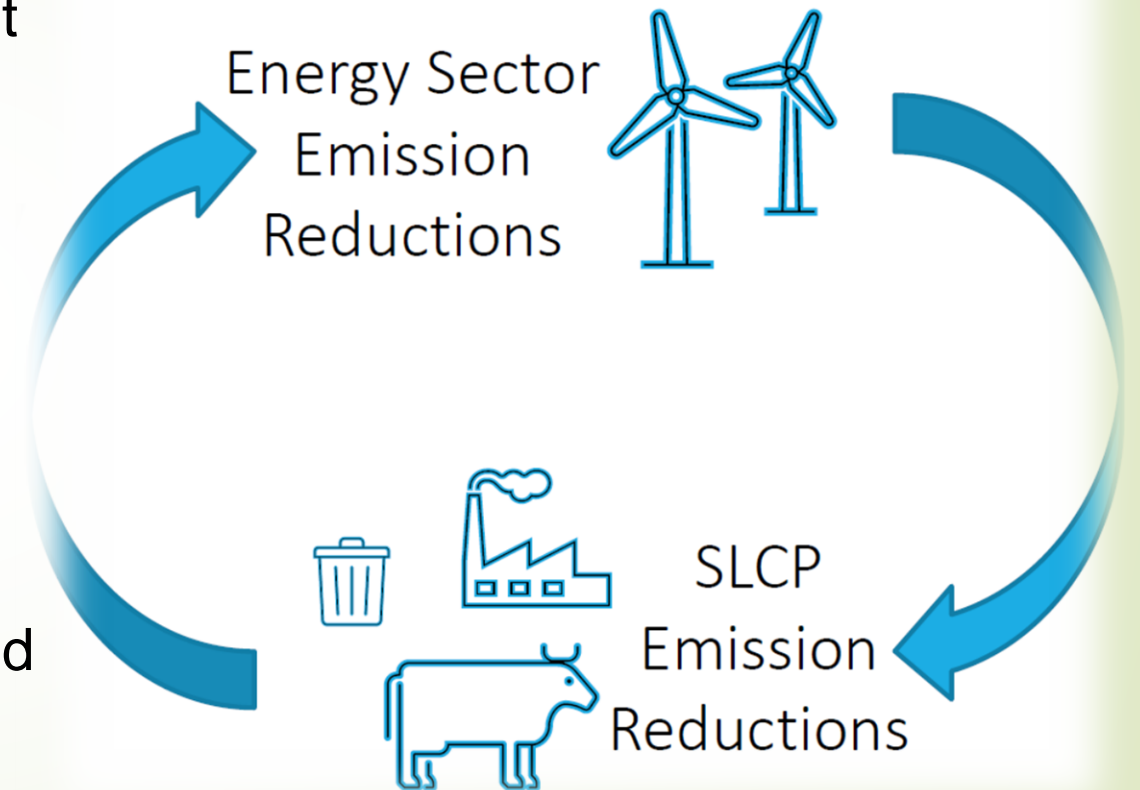
Late
Fall
Present
to
CARB
Board

2022 Scoping Plan -Short Lived Climate Pollutants

SB 1383 requires CARB to adopt and begin implementing the Short-Lived Climate Pollutant (SLCP) Reduction Strategy

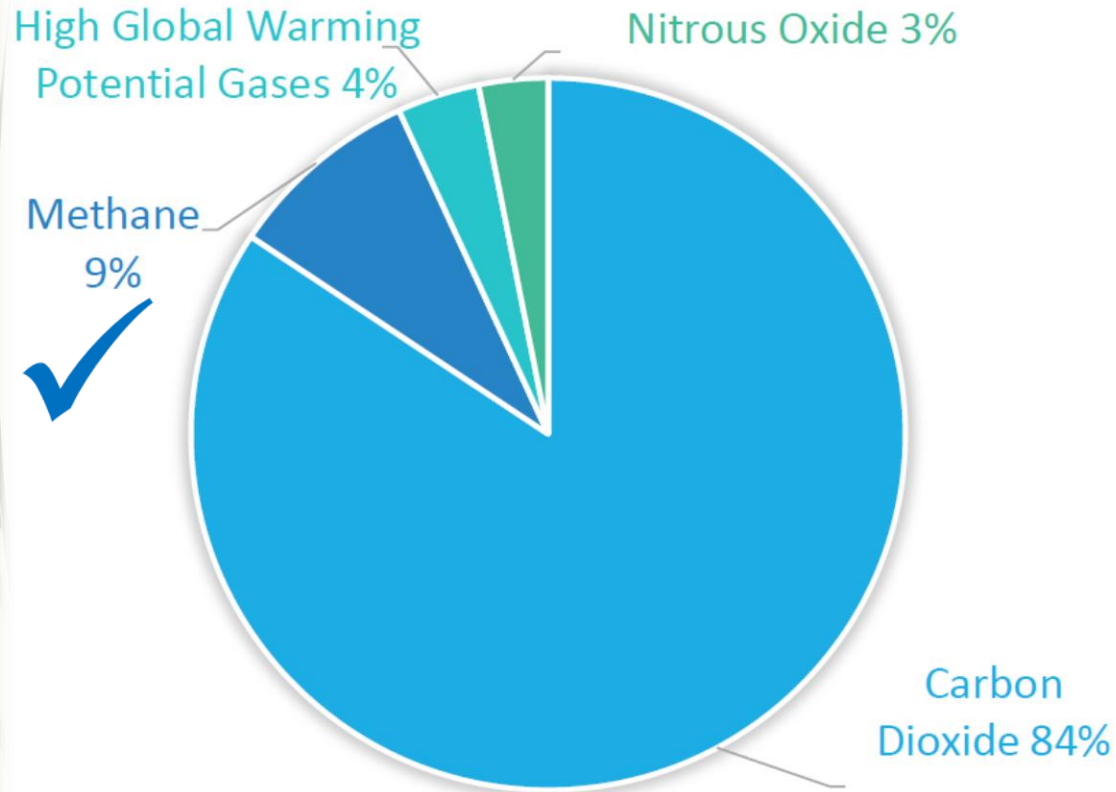
In 2017, CARB approved and began implementing the comprehensive SLCP Reduction Strategy to reduce statewide emissions to below 2013 levels by 2030 for:

- methane by 40%
- hydrofluorocarbon gases by 40%, and
- anthropogenic black carbon by 50%



2022 Scoping Plan Update-SLCP

State GHG Emissions 2013

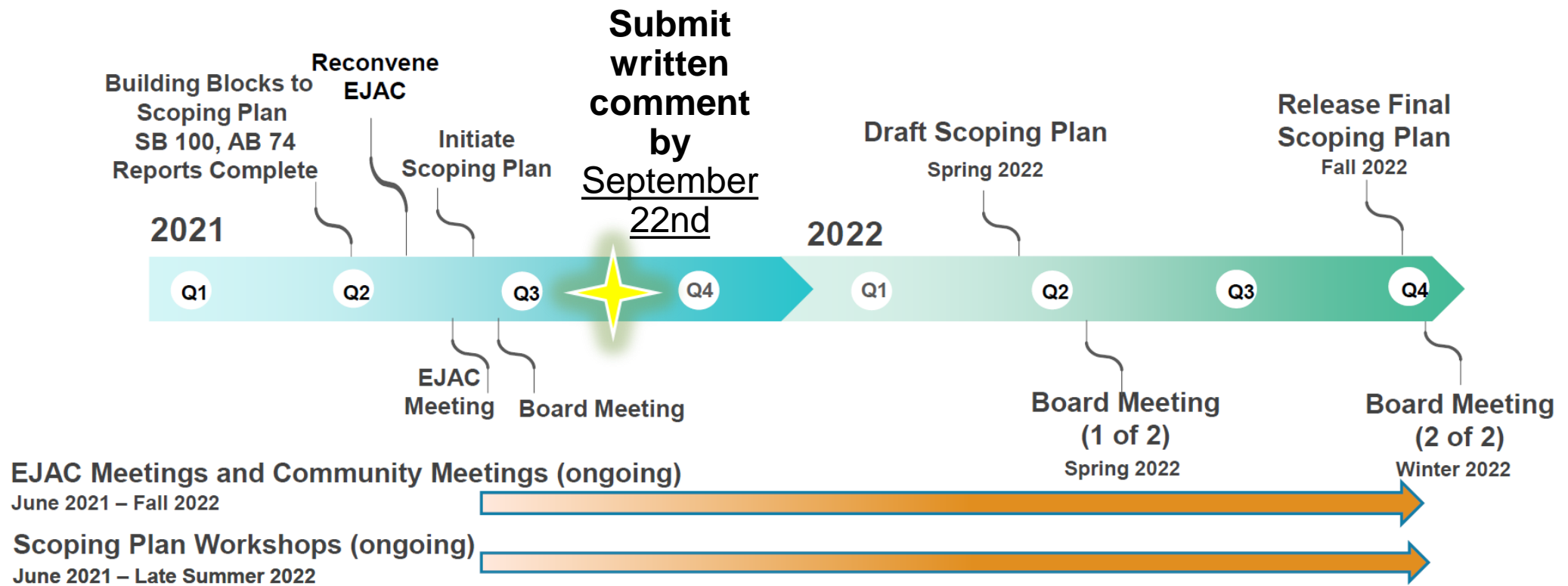


State Methane Emissions - 2013



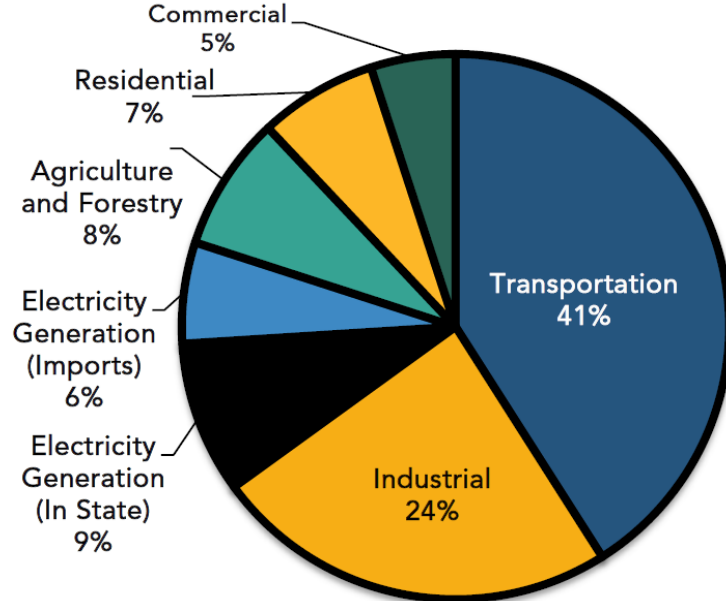
Decomposition of organic waste in landfills accounted for 21% of statewide methane emissions in 2019

2022 Scoping Plan Update Schedule



Advanced Clean Fleet Regulations

2018 CA GHG Emissions By Economic Sector



Note: Mobile sources represent ~50% of GHG inventory when including emissions from fuel production

Governor Executive Order N-79-20



100% ZEV sales by 2035

Full transition to
ZEV short-haul/drayage trucks
by 2035



Full transition to **ZEV buses & heavy-duty long-haul trucks**
by 2045*



Advanced Clean Fleet Regulation Timeline

Various
workshops
from Feb 2020
thru Mar 2021

Workshop
September 2nd

Board
recommendation
late summer/fall
2022



Regulation
language posted
August 25, 2021

Submit Comments
by
September 27, 2021

QUESTIONS



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