Implementation Update: 2017 Scoping Plan
California GHG Emissions Reduction Targets

Source: CARB, 2017
Climate Policy in a Changing Environment

CARB must be flexible and adapt its programs to ever changing factors

- Latest scientific findings
  - Health, air quality, climate, etc.
- Increasing impacts of climate change
- Latest technological developments
- Economic conditions
  - Smooth transitioning to a sustainable future while balancing affordability and jobs for all Californians today
  - Economic stimulus can support sustainable future
**In 2018, SB 100 increased the Renewables Portfolio Standard to 60% by 2030**

2017 Scoping Plan Portfolio

- Double building efficiency
- Cleaner freight and goods movement
- 50% renewable power **
- Slash potent “super-pollutants” from dairies, landfills and refrigerants
- More clean, renewable fuels
- Cap emissions from transportation, industry, natural gas, and electricity
- Cleaner zero or near-zero emission cars, trucks, and buses
- Invest in communities to reduce emissions
- Walkable/bikeable communities with transit
- Protect and manage natural and working lands
Lessons Learned

- Thoughtfully designed programs have pushed clean technology and fuels
- Exportable programs are necessary to address global emissions
- Revenues from carbon pricing continue to be important for addressing environmental justice and equity concerns
- Retirement and public funds (i.e. economic recovery and stimulus packages) need to be leveraged to support a sustainable future
- Reductions in fossil transportation fuels and VMT remain a challenge. Current situation may provide data on how to implement existing programs
Charting the Path to Carbon Neutrality

- **2020**
  - Carbon Neutrality Workshops (ongoing)
    - From 2019 – Mar 2021

- **2021**
  - Building Blocks to Scoping Plan
    - SB 100, AB 74 Reports Complete
      - Dec 2020
  - Carbon Neutrality Report to Board
    - Dec 2020
  - Initiate Scoping Plan
    - Mar 2021

- **2022**
  - Draft Scoping Plan
    - Early 2022
  - Scoping Plan and Community Workshops (ongoing)
    - Mar 2021 – Late Summer 2022
  - Final Scoping Plan
    - Late Summer 2022
Key Considerations

- Strive for zero emissions from every sector (transportation, industry)
  - Technologically feasible, cost-effective, minimal impacts to households and jobs
  - What can maximize air-quality benefits for most vulnerable communities
- Reduce and replace fossil fuels
- Potential limits to electrification, best use of RNG and renewable hydrogen
- Maximum potential for sequestration in natural and working lands
- Lessons learned from current public health and economic situation to inform strategies and implementation of emissions reductions efforts
- As part of economic recovery efforts, supporting investments and economic stimulus packages critical for a sustainable future and not back to status quo