

# 2019-2020 Investment Plan Update for the Clean Transportation Program (also known as the Alternative and Renewable Fuel and Vehicle Technology Program)



June 21, 2019  
Kevin Barker, Deputy Director  
Fuels and Transportation Division  
California Energy Commission



# Clean Transportation Program Origins in Statute



- Established by Assembly Bill 118 (Nunez, 2007)
- Provides up to \$100 million per year in funds
- Extended through January 1, 2024 by Assembly Bill 8 (Perea, 2013)



# Purpose of the Clean Transportation Program

*“...to develop and deploy innovative technologies that transform California’s fuel and vehicle types to help attain the state’s climate change policies.”*

- California Health and Safety Code 44272(a)

## Complementary goals:

- Improve air quality
- Promote economic development
- Increase alternative fuel use
- Reduce petroleum dependence



# Current Funding Allocations

Funding Activity	Funding Allocation (in millions)
Electric Vehicle Charging Infrastructure	\$32.7
Hydrogen Refueling Infrastructure	\$20
Zero-Emission Freight and Fleet	\$17.5
Low-Carbon Fuel Production and Supply	\$20
Manufacturing	\$3.5
Workforce Development	\$1.5
<b>Total</b>	<b>\$95.2</b>



# Backup Slides



# Clean Transportation Program Advisory Committee

Joy Alafia – Western Propane Gas Association

Shannon Baker-Branstetter – Consumers Union

Matthew Barth – University of California, Riverside

William Barrett – American Lung Association

Steve Cliff – California Air Resources Board

Will Coleman – OnRamp Capital

Peter Cooper – California Employment Training Panel

Tyson Eckerle – GO-Biz

Joel Espino – The Greenlining Institute

Casey Gallagher – California Labor Federation

Joe Gershen – California Biodiesel Alliance

Brian Goldstein – Energy Independence Now

Ellen Greenberg – California Department of Transportation

Irene Gutierrez – Natural Resources Defense Council

Claire Jahns – California Natural Resources Agency

Steve Kaffka – University of California, Davis

Ralph Knight – Alternative Fueled School Bus Consultant

Thomas Lawson – California Natural Gas Vehicle Coalition

Howard Levenson – California Department of Resources

Recycling and Recovery

Jack Michael – Recreational Boaters of California

Jananne Sharpless – Member at Large

John Shears – Center for Energy Efficiency and Renewable  
Technologies

Chris Shimoda – California Trucking Association

Eileen Tutt – California Electric Transportation Coalition

Justin Ward – California Fuel Cell Partnership (Toyota)



# Commitment to Diversity

The Energy Commission adopted a resolution on April 8, 2015 to firmly commit to increasing:

- Participation of women, minority, disabled veteran and LGBT business enterprises in program funding opportunities
- Outreach to and participation by disadvantaged communities
- Diversity in geographic regions
- Diversity in participation at Energy Commission proceedings
- Diversity in employment and promotional opportunities



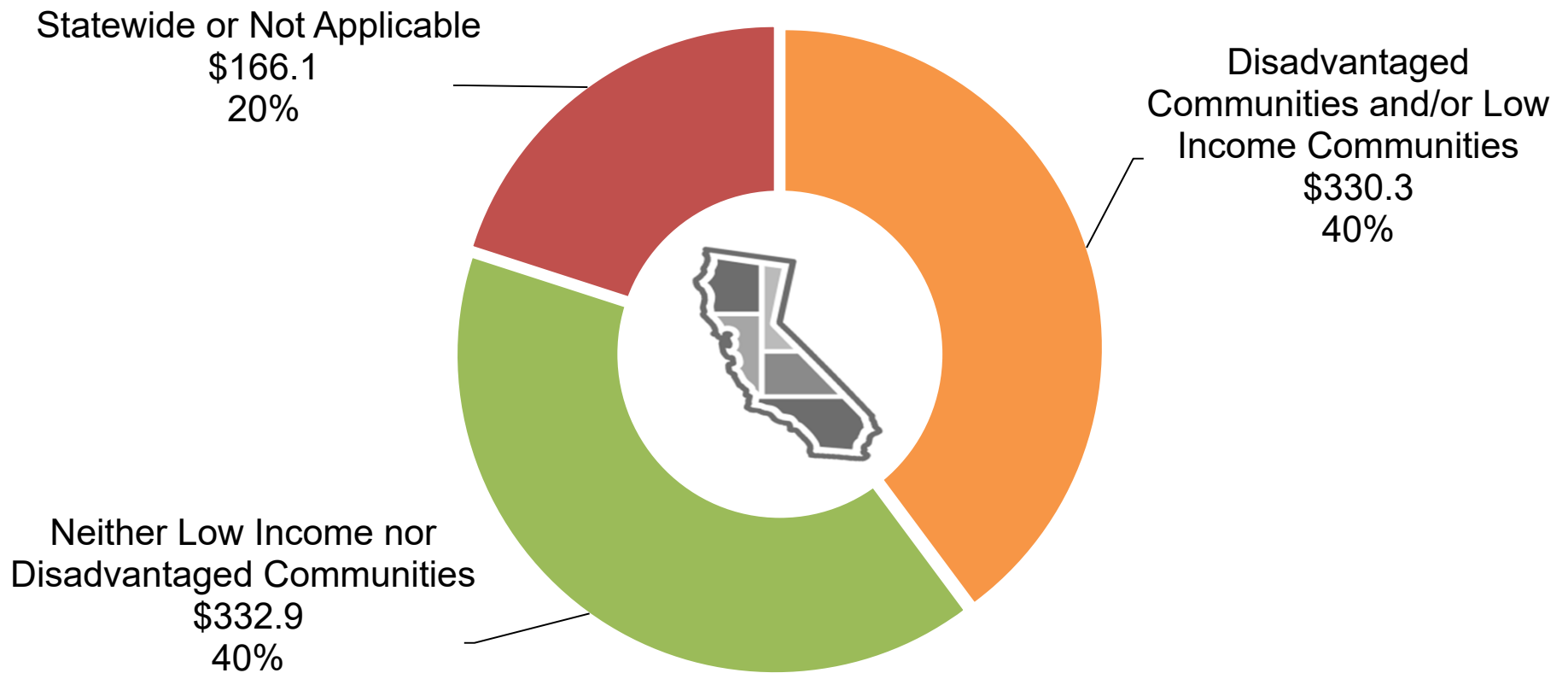
# Commitment to Diversity

- **Fairness** – Increase funding accessibility to all Californians
- **Inclusion** – Small businesses make up a significant portion of the U.S. economy
- **Job Creation** – Projects can create jobs for residents of the under-served communities
- **Diversity of Ideas** – Great ideas occur in a variety of areas
- **Diversity in Communities' Needs** – Needs vary widely from one area to the next (air quality, socioeconomic, etc.)





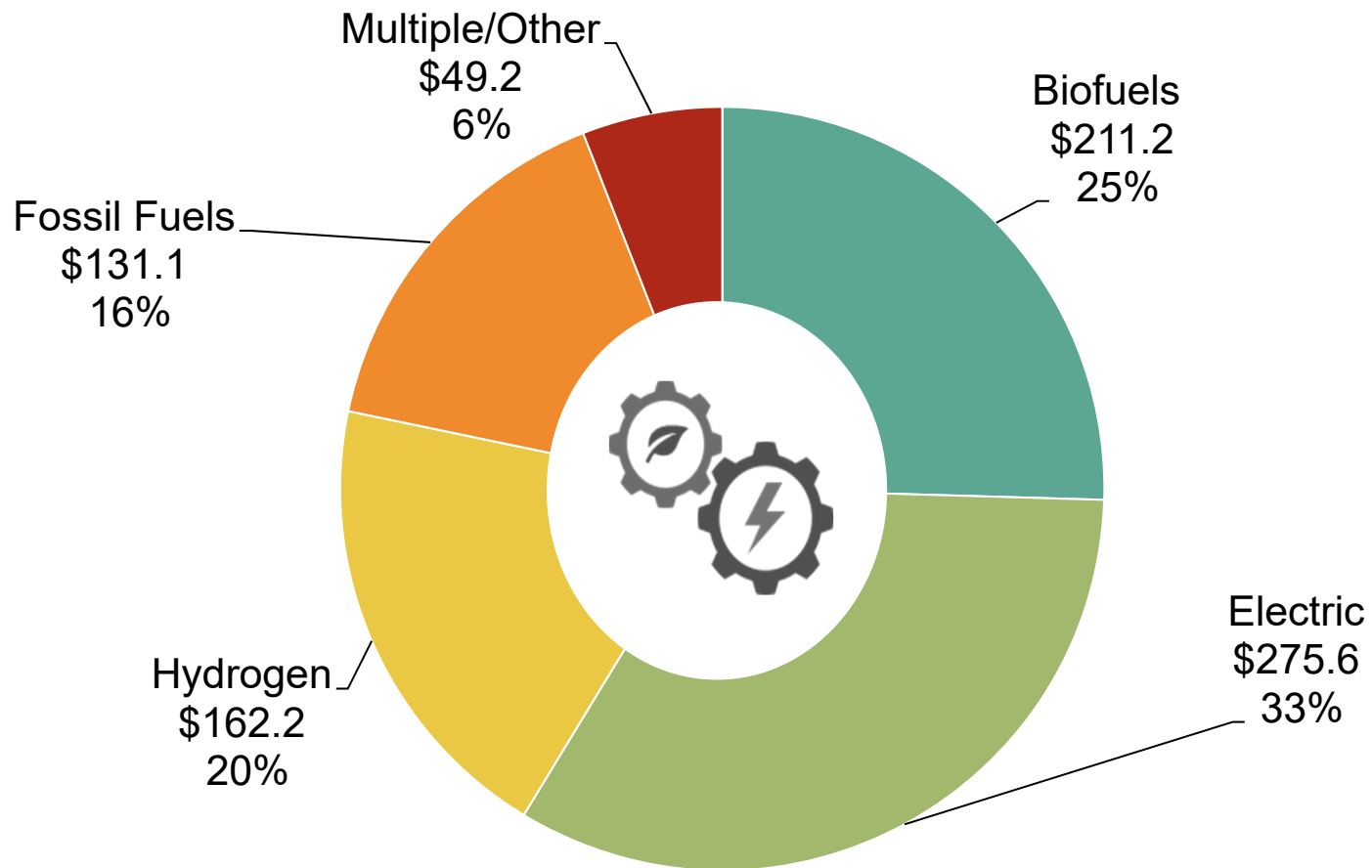
# Clean Transportation Program Funding Toward Disadvantaged Communities and or Low Income Communities (in millions)



Note: As of March 1, 2019



# Clean Transportation Program Projects To-Date (In millions)



Note: As of March 1, 2019