

Low Carbon Transportation Research at the California Air Resources Board

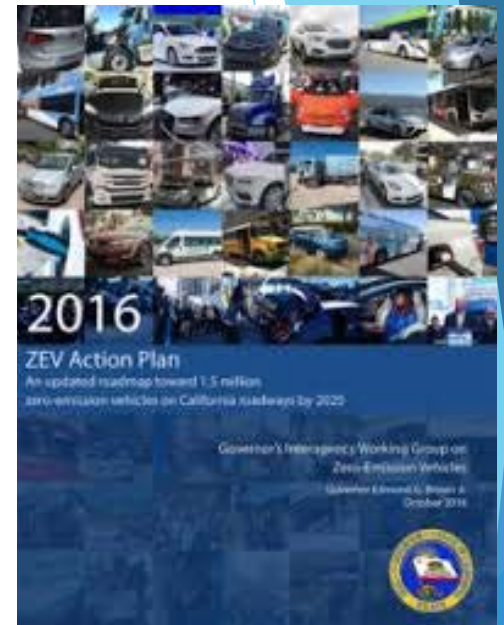
Annalisa Schilla

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California ZEV Goals

- ▶ Gov. Brown Executive Order B-16-12 goals:
 - ▶ Infrastructure for 1M ZEVs by 2020
 - ▶ 1.5M ZEVs on the road by 2025
- ▶ CARB Mobile Source Strategy:
 - ▶ 4.2M light-duty ZEVs on the road by 2030
 - ▶ Maximum ZEV penetration in other applications



What does CARB research support?

- ▶ Low Carbon Transportation research that helps us:
 - ▶ Combat climate change
 - ▶ Meet air quality standards
 - ▶ Create healthier communities
 - ▶ Work toward equality in access to clean transportation options

Learn More:

<https://www.arb.ca.gov/research/sustainable/vehiclechoicee.htm>

Factors Affecting Plug-In Electric Vehicle (PEV) Sales in California: 2010-2015

Principal Investigator:

JR DeShazo (UCLA)

Study Motivation

- ▶ Inform CARB's clean vehicle regulatory and incentive programs
 - ▶ What factors could support, or undermine, CARB's zero emission vehicle regulatory programs?
 - ▶ Are state incentives (e.g., purchase rebates and carpool lane access) helping get more clean vehicles on the road?

For More Information:

CARB Research Division

Annalisa Schilla

916-322-8514

Annalisa.schilla@arb.ca.gov

Melanie Zauscher

916-322-0516

Melanie.zauscher@arb.ca.gov

For more information on CARB's Low Carbon Transportation Research, visit:

<https://www.arb.ca.gov/research/sustainable/vehiclechoice.htm>

For more information on CARB's Zero Emission Vehicle Program, visit:

<https://www.arb.ca.gov/msprog/zevprog/zevprog.htm>

For more information on CARB's Clean Vehicle Incentives, visit:

<https://www.arb.ca.gov/fuels/altfuels/incentives/incentives.htm>