



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

YOUNG LEADERS ADVISORY COUNCIL

Advisory Council Members

Fabian R. Wesson, Chair
James Albert
Joshua Bell
Michelle Benavides
José Trinidad Castañeda, III
Michelle Choi
Elise Eifler
Cristian Garza
David Herman
Evelyn Hurtado-Doppenberg
Cassie Nguyen
Nithya Palani
Brian Robey
Paije Rush
Lizbeth Sierra
Janielle Vidal
Mikayla Winfery
Rossmery Zayas

**October 24, 2018 ♦ 12:30 p.m. ♦ Conference Room GB
21865 Copley Drive, Diamond Bar, CA 91765**

Call-in for listening purposes only is available by dialing:

Toll Free: 1-888-394-8197

Listen Only Passcode: 8682951

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54854.3(a)). Please provide a Request to Address the Committee card to the Committee Secretary if you wish to address the Committee on an agenda item. If no cards are available, please notify SCAQMD staff or a Board Member of your desire to speak. All agendas for regular meetings are posted at District Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes each.

CALL TO ORDER

ACTION ITEMS (Items 1 and 2):

1. Call to Order/Opening Remarks
(*No Motion Required*)

Fabian Wesson
Assistant Deputy Executive
Officer/Public Advisor
Legislative, Public Affairs &
Media

2. Approval of July 25, 2018 Meeting Minutes
(*Motion Required*)
[Attachment 1]

Fabian Wesson

DISCUSSION ITEMS (Items 3 through 5):

3. AB 617 Implementation Update
(*No Motion Required*)
Staff will give an update on AB 617 implementation efforts.

Derrick Alatorre
Deputy Executive Officer
Legislative, Public Affairs &
Media

4. Replace Your Ride Program
(*No Motion Required*)
Staff will provide a presentation on the Replace Your Ride
Program.
[Attachment 2]

Mei Wang
Program Supervisor
Science & Technology
Advancement

5. Member Updates
(*No Motion Required*)

All

OTHER MATTERS:

6. Other Business
Any member of this body, or its staff, on his or her own initiative or in
response to questions posed by the public, may ask a question for
clarification, may make a brief announcement or report on his or her
own activities, provide a reference to staff regarding factual information,
request staff to report back at a subsequent meeting concerning any
matter, or may take action to direct staff to place a matter of business on
a future agenda. (Govt. Code Section 54954.2)
7. Public Comment Period
At the end of the regular meeting agenda, an opportunity is provided for
the public to speak on any subject within the Young Leader Advisory
Council's authority that is not on the agenda. Speakers may be limited to
three (3) minutes each.
8. **Next Meeting Date** – Wednesday, January 23, 2019 at 12:30 p.m.

ADJOURNMENT

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available prior to the meeting for public review at the South Coast Air Quality Management District, Public Information Center, 21865 Copley Drive, Diamond Bar, CA 91765.

Americans with Disabilities Act

The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the Legislative Committee meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Monika Kim at (909) 396-2342 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to mkim@aqmd.gov.

[Attachment 1]



South Coast Air Quality Management District



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YOUNG LEADERS ADVISORY COUNCIL July 25, 2018 Meeting Minutes

Members Present

James Albert
José Trinidad Castañeda, III
Michelle Choi
David Herman
Evelyn Hurtado-Doppenberg
Cassie Nguyen
Paije Rush
Lizbeth Sierra
Janielle Vidal
Rossmery Zayas

Members Absent

Michelle Benavides
Joshua Bell
Elise Eifler
Cristian Garza
Nithya Palani
Brian Robey
Mikayla Winfery

SCAQMD Staff

Fabian R. Wesson, Chair
Nancy Feldman
Zorik Pirveysian
Philip Crabbe
Monika Kim
Brandee Keith

- 1. CALL TO ORDER: Meeting called to order by Fabian Wesson at 12:35 pm**
- 2. Approval of May 30, 2018 Minutes**
Mr. Jose Trinidad Castañeda moved to approve the minutes from May 30, 2018. The motion was seconded and approved with no objections.

3. Review of Follow-Up/Action Items

Ms. Monika Kim reviewed one follow-up item from the May 30th meeting, wherein Mr. Castañeda asked which legislators might need additional encouragement to help obtain additional funding to implement AB 617. Ms. Kim stated that, taking into consideration the current stage of fund negotiations, it was determined that at this time no legislators required additional contact.

Ms. Cassie Nguyen requested a recap of the AB 617 program. Mr. Castañeda and Ms. Wesson provided a summary of the bill, and Mr. Philip Crabbe updated members on the current status of SCAQMD efforts relating to AB 617.

4. Presentation: 2016 AQMP

Mr. Zorik Pirveysian delivered a presentation explaining the purpose and results of the 2016 Air Quality Management Plan. Mr. Castañeda asked for clarification that the public health results shared in the presentation specifically applied to the SCAQMD's jurisdiction, and Mr. Pirveysian confirmed they did.

Ms. Janielle Vidal asked for clarification of the term "carrying capacity" as referred to in the context of the presentation. Mr. Pirveysian explained the term refers to the target levels of pollution reduction. Mr. Castañeda asked if it was possible to reach NOx levels of zero by the year 2050. Mr. Pirveysian confirmed this would be possible, but would require significant steps in reducing the use of fossil fuels. Mr. Castañeda asked what sorts of resistance might be put up by companies profiting from the use of natural gas. Mr. Pirveysian explained that SCAQMD remains "energy-neutral," focusing on implementing the best and most cost-effective energy solutions as appropriate to the area and resources.

Ms. Cassie Nguyen requested a definition of "ocean-going vessels," and Mr. Pirveysian confirmed the term applies to large ships. Ms. Nguyen also asked what "off-road vehicles" included, and Mr. Pirveysian defined the term as vehicles which do not travel on public roads, but are still self-propelled mobile sources, such as tractors and construction vehicles. Mr. Castañeda asked if military vehicles were under the scope of regulations for achieving AQMP goals. According to Mr. Pirveysian, military vehicles are exempt.

In terms of transitioning large-vehicle fleets to zero- or near-zero emission technologies, Mr. James Albert asked what options were available to school districts that may want to transition from diesel school buses, but don't have the resources to do so. The SCAQMD's fleet rule applying to school buses is contingent upon incentive funding, so those school districts which are not able to access funding through SCAQMD are not required to comply.

Ms. Vidal brought up current federal plans to attack California incentives, and asked how SCAQMD and local agencies were prepared to respond. Ms. Wesson stated that an initiative by 17 states was underway to file suit against the U.S. EPA action to weaken the Clean Air Act. Ms. Vidal also asked if there had been discussion about using public health savings funds to increase resources to incentive programs. Mr. Crabbe clarified that while some legislative negotiations involve comparing the savings in health spending with greater investment in air quality regulations, it is very difficult to appropriate funds earmarked for one purpose and use them for another.

Mr. Castañeda asked if SCAQMD was allowed to take positions on local and municipal measures aimed at reducing emissions, such as Community Choice Energy, or if SCAQMD's energy-neutral policy prevented the District from taking a position. He described the CCE

model and how cities were implementing it to offer incentives and rebates to residents to promote increased access to near- or zero-emissions vehicles and other carbon-cutting programs. Mr. Crabbe explained the SCAQMD is able to take position on legislation and sponsor bills which would help air pollution, but has not generally been as active at the local and municipal level. As far as utilities, he explained that SCAQMD might partner with a utility provider to engage residents, but does not necessarily take a position on policy decisions.

Mr. David Herman brought up end-result consequences of American efforts to reach zero-emission status, citing rare earth metal mining and the recycling of those metals, which put potential burdens on source countries. Mr. Pirveysian acknowledged such consequences must be addressed, and that a life-cycle analysis of batteries and other technologies would require greater study regarding impact.

5. SCAQMD State Legislative Update

Mr. Crabbe presented on SCAQMD's state legislative accomplishments and efforts for 2017 and 2018.

Noting that SCAQMD had received approximately 40 percent of implementation funding from AB 109, Mr. Castañeda wished to know which air district received the second largest percentage of funding. Ms. Wesson and Mr. Crabbe stated their belief that San Joaquin Air District received the second highest amount, but were not aware of what percentage of overall funds they received.

Mr. Albert raised concerns about awareness of the Replace Your Ride program in Orange County, citing that many dealerships do not know about the program and therefore, many consumers do not know about it either. Mr. Crabbe noted that funding for the programs would be an important factor in offering wider incentives, and noted that efforts were underway to increase awareness in the Inland Empire and San Bernardino areas, including implementation of a new online portal to help improve and expedite the application process. Mr. Crabbe also stated that the Replace Your Ride program applies to used vehicles. Mr. Crabbe confirmed that there had been increased efforts over the last few years to increase the funding and allow more people to be eligible.

Ms. Vidal asked if SCAQMD sponsored legislative or congressional fellowships. Mr. Crabbe replied that the district does not sponsor fellowships, but does accept paid interns who are involved in and exposed to the legislative activities of the district.

Ms. Vidal pointed out that approximately 80 percent of electric vehicles are leased, which, combined with factors such as devaluation of technology and unknown limits of battery life, could contribute to a system of excessive waste when incentives do not apply to used vehicles. Mr. Crabbe opined that all cars experience devaluation during lease periods, and after the lease period any vehicle would be resold at a lower price, becoming accessible to lower-income buyers. Additionally, battery technology continues to improve and battery warranties are extending from 8 to 10 years, prolonging the viability of the vehicle.

Mr. Herman asked what measures were being considered in regards to discarded electric vehicle batteries, to prevent a buildup of waste. Mr. Castañeda suggested that private sector startups had already invested efforts in recycling semi-depleted batteries, and further creativity and innovation for such recycling techniques would generate increased solutions. He mentioned the state Recycling Market Development Zone which encourages businesses to exchange waste materials in order to more effectively store and create recycling plans for them.

Mr. Herman felt this was a potential solution hypothetically, but doubted its effectiveness in practice, as real-world examples show little investment in recycling and reuse of materials once discarded. Mr. Castañeda pointed out additional efforts to reduce vehicle use and increase alternative transportation would have an effect on the matter as well.

Ms. Rossmery Zayas mentioned Senator Kevin de Leon's "Charge Ahead" bill, and suggested members look into it to become more informed about the issue of recycling battery technology. She pointed out contemporary issues in EJ communities affected by battery recyclers such as Exide, previously under fire for findings of elevated lead levels leached into neighborhood areas.

Further group discussion explored concerns over the comparative life cycles of electric vehicles versus combustion engine vehicles, as well as the comparative incentive for leasing versus buying a vehicle, and industry policies of planned obsolescence designed to drive greater levels of purchasing.

6. Member Updates:

Mr. Castañeda shared an upcoming project called Californians for Electric Rail which he has been invited to co-found. He invited members to connect with him if they were interested in getting involved.

Mr. Albert encouraged members to contact their Assembly members in regards to SB 100, directed at transitioning California to 100 percent clean energy in the near future.

Ms. Paije Rush reminded members to be aware of and try to reduce plastic usage, and shared that her water bottle company, HMB Water, would be switching to paper water bottles in an effort to relieve plastic use.

Ms. Vidal asked if SCAQMD invited student groups to participate in the creation of whitepapers, and Mr. Crabbe replied that SCAQMD creates fact sheets and presentations to educate the public, and that anybody desiring more information should reach out.

7. PUBLIC COMMENT

No additional public comment.

MEETING ADJOURNED AT 2:15 PM

Next Meeting Scheduled for October 24, 2018



Young Leaders Advisory Council October 24, 2018

Replace Your Ride Program

Mei Wang
Program Supervisor
Science and Technology Advancement
South Coast Air Quality Management District



Background

- Branded as Replace Your Ride
- Voluntary vehicle retirement & replacement program
 - Light and Medium duty vehicles
 - Old vehicle must be scrapped
- Vouchers can be used to obtain:
 - Replacement vehicle (8 years old & newer)
 - Alternative transportation card
 - Transit passes, taxicab, Uber, Lyft



Program Overview

- Up to \$9,500 for qualified applicants
 - Higher funding amount in disadvantaged communities
 - Additional \$2000 to install EV charger for a battery electric vehicle
 - Tiered funding based on household income
- 47 participating dealerships
- Consumer protections provided
- Multilingual assistance is available
- Funds remaining: \$3 million
 - Additional 16.4 M was allocated for FY17-18

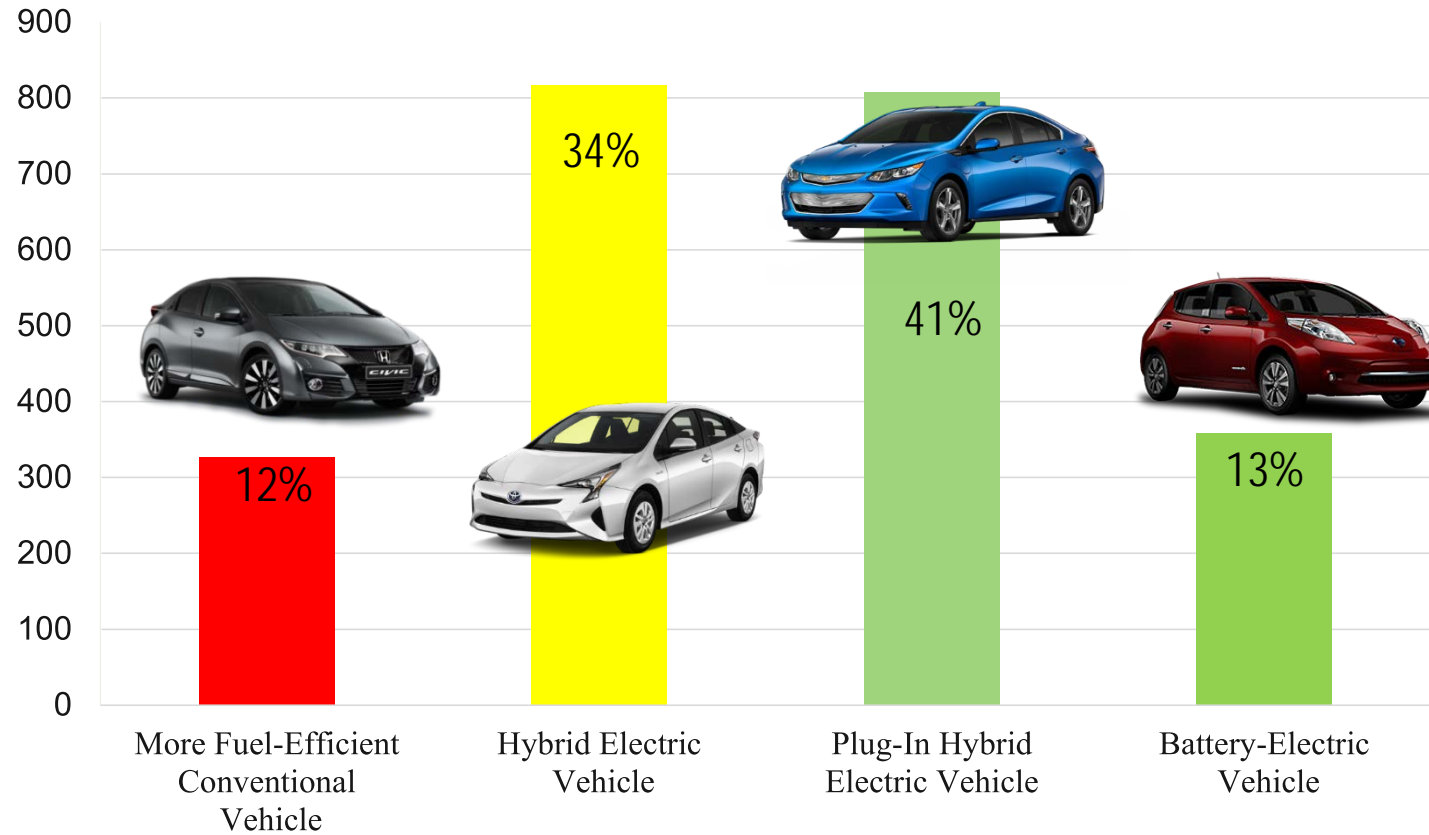


Program Statistics (as of August)



- Implementation started in 2015
- Over 3,300 vouchers issued and over \$25M spent
 - 94% - Disadvantaged communities
 - Income level participation
 - 86% - $\leq 225\%$ federal poverty level (low)
 - 11% - $\leq 300\%$ federal poverty level (moderate)
 - 3% - $\leq 400\%$ federal poverty level (above moderate)
- Average replacement vehicle MY 2014, fuel economy: 40 mpg
- Average retirement vehicles MY1999, fuel economy: 22 mpg

Program Funded Replacement Vehicle Summary



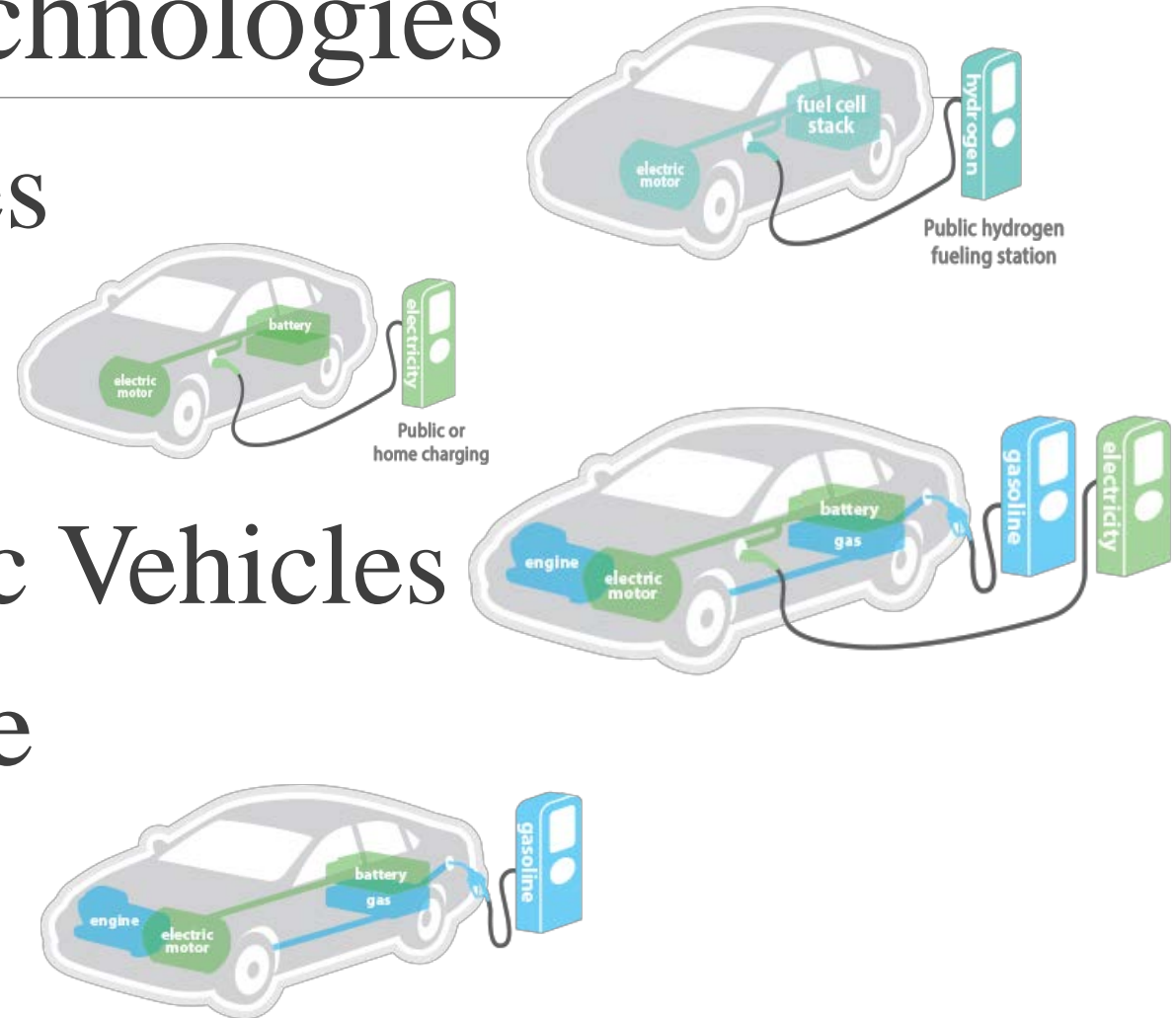
Advanced Vehicle Technologies

- Zero-Emission Vehicles

- Hydrogen Fuel Cell
- Battery Electric

- Plug-in Hybrid Electric Vehicles

- Hybrid Electric Vehicle



Replace Your Ride Program Eligibilities

- Own a vehicle for at least a year
- Reside within the South Coast Air Basin or Coachella Valley
- Vehicle has been operating in CA for the past two years
- Only 1 voucher will be issued per IRS household

Replace Your Ride Program Eligibilities

□ Household income requirements

Number of People in your Home	Low	Moderate	Above Moderate
1	\$27,135	\$36,180	\$48,240
2	\$36,540	\$48,720	\$64,960
3	\$45,945	\$61,260	\$81,680
4	\$55,350	\$73,800	\$98,400
5	\$64,755	\$86,340	\$115,120
6	\$74,160	\$98,880	\$131,840
7	\$83,565	\$111,420	\$148,560
8	\$92,970	\$123,960	\$165,280

Program Incentive Amounts¹

Income Eligibility	Conventional		Hybrid		Plug-In Hybrid & Zero-Emission ^{3,4}
	20+ MPG ²	35+ MPG	20+ MPG	35+ MPG	
Low	\$4,000	\$4,500	\$4,000 or \$6,500	\$4,500 or \$7,000	\$4,500 or \$9,500
Moderate	-----	\$3,500	-----	\$3,500 or \$5,000	\$3,500 or \$7,500
Above Moderate	-----	-----	-----	-----	\$2,500 or \$5,500

1 Option to receive a transportation voucher valued at \$2,500 to \$4,500 in lieu of obtaining a replacement vehicle.

2 MPG threshold varies by vehicle model year.

3 Zero-emission vehicles include battery electric vehicles (BEVs) and fuel cell vehicles.

4 BEVs are eligible for an additional incentive up to \$2,000 for the installation of electric vehicle charging equipment.

Additional Program Information

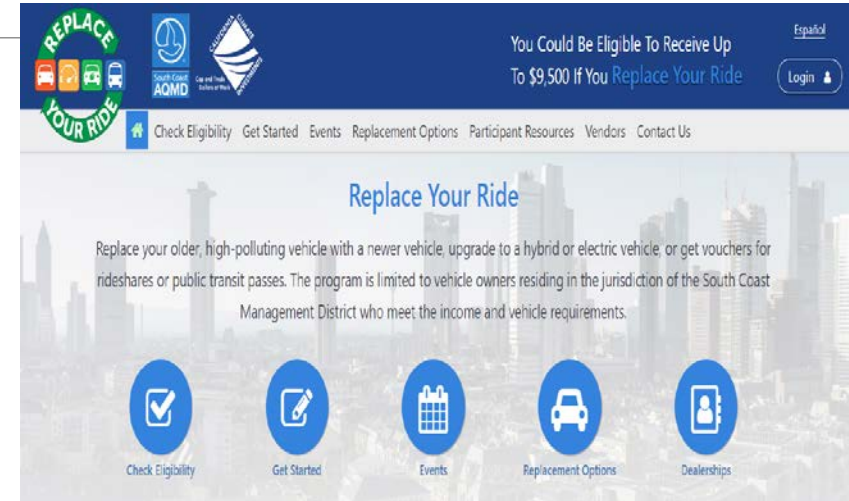
Website: www.replaceyourride.com



Call Center: (844) 797-2223



email: info@replaceyourride.com





Questions?
