

BOARD MEETING DATE: November 4, 2022

AGENDA NO. 21

REPORT: Technology Committee

SYNOPSIS: The Technology Committee held a hybrid meeting on Friday, October 21, 2022. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Rex Richardson, Chair
Technology Committee

AK:dv

Committee Members

Present: Vice Mayor Rex Richardson, Committee Chair
Supervisor Andrew Do
Board Member Gideon Kracov
Mayor Larry McCallon
Board Member Veronica Padilla-Campos
Mayor Carlos Rodriguez

Absent: None

Call to Order

Vice Chair Larry McCallon called the meeting to order at 12:00 p.m.

For additional details of the Technology Committee Meeting, please refer to the [Webcast](#).

ACTION ITEMS:

1. Issue RFP, Execute Contracts, and Program Announcement for Residential Air Filtration Program Within East Los Angeles, Boyle Heights, West Commerce and Eastern Coachella Valley AB 617 Communities

Through a participatory budget process, the East Los Angeles, Boyle Heights, West Commerce (ELABHWC) Community Steering Committee (CSC) prioritized \$1.8 million, and the Eastern Coachella Valley (ECV) CSC prioritized \$1 million, in Community Air Protection Program funding for a Residential Air Filtration Program. These actions are to: 1) issue RFP #P2023-04 and Execute Contracts for air filtration units to offer through the Residential Air Filtration Program; 2) issue Program Announcement #PA2023-03 in an amount up to \$2,625,000 from the Community Air Protection AB 134 Fund (77) to solicit applications from residents within ELABHWC and ECV for the Residential Air Filtration Program; 3) reimburse the General Fund for administrative costs of up to \$167,000 from the Community Air Protection AB 134 Fund (77); and, 4) transfer and appropriate up to \$8,000 from the administrative portion of Community Air Protection AB 134 Fund (77) into Technology Advancement's FYs 2022-23 and/or 2023-24 Budgets, Services and Supplies Major Object, Public Notice and Advertisement account for administrative costs to implement the Residential Air Filtration Program.

Board Member Kracov commented that he does not have a financial interest but is required to identify for the record that he is a Board Member of CARB, which is involved in this item.

Board Member Padilla-Campos asked staff to clarify the administrative costs and how complex the application will be for the air filtration program. Staff explained the administrative costs, expenses to develop the program, and outreach materials (e.g., flyers). Board Member Padilla-Campos also asked if staff can share the application with Board members and how many air filtration suppliers the RFP would target. Staff responded they will share the application with Board members when it is available and, that there are many different manufacturers on the CARB-Certified List, and that they are unsure how many applications will be received.

Mayor McCallon inquired if the San Bernardino, Muscoy CERP includes residential air filtration as a priority. Staff responded that the San Bernardino Muscoy CERP focused on school air filtration and during the participatory budgeting process they allocated AB 617 funds to school air filtration.

Gary Tribolet, Medify Air, commented that the RFP should provide extra points to manufacturers of air filtration units that reduce VOCs. For additional details, please refer to the [Webcast](#) beginning at 9:15.

Moved by McCallon; seconded by Do; unanimously approved.

Ayes: Do, Kracov, McCallon, Padilla-Campos, Richardson, Rodriguez
Noes: None
Abstain: None
Absent: None

2. Recognize Revenue and Amend Contract Awards for Cleaner Freight California Projects

In May 2022, the Board recognized a \$2,349,995 award from U.S. EPA to replace diesel cargo handling equipment with innovative zero-emission electric alternatives for the Cleaner Freight California Projects. In August 2022, U.S. EPA awarded additional funding of \$219,938 to South Coast AQMD's Cleaner Freight California Projects for a total of \$2,569,933. These additional funds would be distributed to contracts with Albertsons Companies, McLane Company, and Long Beach Container Terminal. These actions are to: 1) recognize revenue, upon receipt, of up to \$219,938 from the U.S. EPA National Clean Diesel Program into the Advanced Technology, Outreach and Education Fund (17), and 2) execute contracts with Albertsons Companies, McLane Company, and Long Beach Container Terminal in amounts not to exceed \$1,396,386, \$775,770, and \$273,150, respectively from the Advanced Technology, Outreach and Education Fund (17).

Chair Richardson commented that he does not have a financial interest but is required to identify for the record that he is the Vice Mayor for the City of Long Beach which is involved in this item.

For additional details, please refer to the [Webcast](#) beginning at 19:53.

Moved by Kracov; seconded by Do; unanimously approved.

Ayes: Do, Kracov, McCallon, Padilla-Campos, Richardson, Rodriguez
Noes: None
Abstain: None
Absent: None

INFORMATIONAL ITEM:

3. Clean Fuels Program Draft 2023 Plan Update

The Clean Fuels Plan Update is submitted every year with the Clean Fuels Annual Report as required by legislation. As part of that process, staff provides the Clean Fuels Program Draft Plan Update to the Technology Committee to solicit input on the proposed priority technology areas and potential projects for the upcoming year before requesting final Board approval for the Plan Update in early spring. Staff proposes continued support for a wide portfolio of technologies with particular emphasis on zero emission technologies for vehicles, off-road equipment, and supporting infrastructure for goods movement applications.

Board Member Kracov asked staff to clarify the annual revenue from the Clean Fuels Program Funds. Staff clarified there is approximately \$13 million available annually from Clean Fuels and that the Clean Fuels Plan Update report only focuses on the Clean Fuels Program Fund and the incentive slide is broader and includes Carl Moyer, CAP funds, Prop 1B, and Replace Your Ride, ranging from \$150M-\$200M per year.

Adrian Martinez, Earthjustice, commented that the Clean Fuel program should shift its focus to stationary and area sources technology development and mentioned that his organization submitted a comment letter.

Hilary Lewis, Industrious Labs, stated that food processing is one of the largest operations in California and has been called out by the Department of Energy for the need to transition to zero-emission. She stated that zero-emission technology is commercially available. Staff responded that the Clean Fuels Fund, by statute, needs to go to mobile sources. Moreover, the AQMP emissions inventory shows that major emission reductions are needed from mobile sources and off-road mobile sources still need a lot of technology development.

Board Member Kracov asked for clarification on the “Tech Demo Spent” slide. Staff responded that total project costs include the Clean Fuels fund and other leveraged costs. Board Member Kracov requested that future presentations provide a further break down of incentive funds.

Mayor McCallon thanked the staff for increased funding for hydrogen fuel cell technology and infrastructure and commented that microgrid projects are much needed for emergency operations. For additional details, please refer to the [Webcast](#) beginning at 36:30.

OTHER MATTERS:

6. Other Business

There was no other business to report.

7. Public Comment Period

Mr. Martinez restated the need for stationary source funding. He asked that staff be creative in finding funds for programs to advance the technology in stationary and area sources. For additional details, please refer to the [Webcast](#) beginning at 45:00.

8. Next Meeting Date

The next regular Technology Committee meeting is scheduled for Friday, November 18, 2022, at noon.

Adjournment

The meeting adjourned at 12:46 p.m.

Attachment

Attendance Record

ATTACHMENT

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT TECHNOLOGY COMMITTEE MEETING

Attendance Record – October 21, 2022

Supervisor Andrew Do	South Coast AQMD Board Member
Board Member Gideon Kracov	South Coast AQMD Board Member
Mayor Larry McCallon.....	South Coast AQMD Board Member
Board Member Veronica Padilla-Campos.....	South Coast AQMD Board Member
Vice Mayor Rex Richardson.....	South Coast AQMD Board Member
Mayor Carlos Rodriguez.....	South Coast AQMD Board Member

Jackson Guze.....	Board Consultant (Raman)
Ron Ketcham.....	Board Consultant (McCallon)
Chris Wangsaporn	Board Consultant (Do)
Amy Wong.....	Board Consultant (Padilla-Campos)
Ross Zelen.....	Board Consultant (Kracov)

Mark Abramowitz	Public Member
Naveen Berry	Public Member
Hilary Lewis.....	Industrious Labs
Adrian Martinez	Earthjustice
Dan McGiveney	SoCalGas
Bethmarie Quiambao.....	So Cal Edison
Patty Senecal	WSPA
Gary Tribolet.....	Medify Air

Laurence Brown	South Coast AQMD Staff
Sam Cao	South Coast AQMD Staff
Dan Garcia	South Coast AQMD Staff
Lily Garcia	South Coast AQMD Staff
Seungbum Ha	South Coast AQMD Staff
Maryam Hajbabaei	South Coast AQMD Staff
Sheri Hanizavareh	South Coast AQMD Staff
Justin Joe.....	South Coast AQMD Staff
Anissa Heard-Johnson	South Coast AQMD Staff
Mark Henninger	South Coast AQMD Staff
Aaron Katzenstein	South Coast AQMD Staff
Farzaneh Khalaj.....	South Coast AQMD Staff
Christina Kusnandar	South Coast AQMD Staff
Tom Lee	South Coast AQMD Staff
Joseph Lopat	South Coast AQMD Staff
Jason Low	South Coast AQMD Staff
Frances Maes.....	South Coast AQMD Staff

Karin Manwaring	South Coast AQMD Staff
Wayne Natri.....	South Coast AQMD Staff
Susan Nakamura.....	South Coast AQMD Staff
Walter Shen.....	South Coast AQMD Staff
Veronica Tejada	South Coast AQMD Staff
Alejandra Vega.....	South Coast AQMD Staff
Donna Vernon	South Coast AQMD Staff
Mei Wang.....	South Coast AQMD Staff
Paul Wright	South Coast AQMD Staff