



SOUTHERN CALIFORNIA  
ASSOCIATION OF GOVERNMENTS  
900 Wilshire Blvd., Ste. 1700  
Los Angeles, CA 90017  
T: (213) 236-1800  
www.scag.ca.gov

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## MEETING OF THE

# ENERGY AND ENVIRONMENT COMMITTEE

***Members of the Public are Welcome to Attend In-Person & Remotely***

***Thursday, February 1, 2024  
9:30 a.m. – 11:30 a.m.***

***To Attend In-Person:***

**SCAG Main Office – Policy A Meeting Room  
900 Wilshire Blvd., Ste. 1700  
Los Angeles, CA 90017**

***To Watch or View Only:***

**<https://scag.ca.gov/scag-tv-livestream>**

***To Attend and Participate on Your Computer:***

**<https://scag.zoom.us/j/82916839134>**

***To Attend and Participate by Phone:***

**Call-in Number: 1-669-900-6833  
Meeting ID: 829 1683 9134**

#### **PUBLIC ADVISORY**

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Maggie Aguilar at (213) 630-1420 or via email at [aguilarm@scag.ca.gov](mailto:aguilarm@scag.ca.gov). Agendas & Minutes are also available at: [www.scag.ca.gov/committees](http://www.scag.ca.gov/committees).

SCAG, in accordance with the Americans with Disabilities Act (ADA), will accommodate persons who require a modification of accommodation in order to participate in this meeting. SCAG is also committed to helping people with limited proficiency in the English language access the agency's essential public information and services. You can request such assistance by calling (213) 630-1420. We request at least 72 hours (three days) notice to provide reasonable accommodations and will make every effort to arrange for assistance as soon as possible.



## Instructions for Attending the Meeting

**To Attend In-Person and Provide Verbal Comments:** Go to the SCAG Main Office located at 900 Wilshire Blvd., Ste. 1700, Los Angeles, CA 90017 or any of the remote locations noticed in the agenda. The meeting will take place in the Policy A Meeting Room on the 17<sup>th</sup> floor starting at 9:30 a.m.

**To Attend by Computer:** Click the following link: <https://scag.zoom.us/j/82916839134>. If Zoom is not already installed on your computer, click “Download & Run Zoom” on the launch page and press “Run” when prompted by your browser. If Zoom has previously been installed on your computer, please allow a few moments for the application to launch automatically. Select “Join Audio via Computer.” The virtual conference room will open. If you receive a message reading, “Please wait for the host to start this meeting,” simply remain in the room until the meeting begins.

**To Attend by Phone:** Call **(669) 900-6833** to access the conference room. Given high call volumes recently experienced by Zoom, please continue dialing until you connect successfully. Enter the **Meeting ID: 829 1683 9134**, followed by #. Indicate that you are a participant by pressing # to continue. You will hear audio of the meeting in progress. Remain on the line if the meeting has not yet started.

## Instructions for Participating and Public Comments

***Members of the public can participate in the meeting via written or verbal comments.***

1. **In Writing:** Written comments can be emailed to: [ePublicComment@scag.ca.gov](mailto:ePublicComment@scag.ca.gov). Written comments received **by 5pm on Wednesday, January 31, 2024** will be transmitted to members of the legislative body and posted on SCAG’s website prior to the meeting. You are **not** required to submit public comments in writing or in advance of the meeting; this option is offered as a convenience should you desire not to provide comments in real time as described below. Written comments received after 5pm on Wednesday, January 31, 2024, will be announced and included as part of the official record of the meeting. Any writings or documents provided to a majority of this committee regarding any item on this agenda (other than writings legally exempt from public disclosure) are available at the Office of the Clerk, at 900 Wilshire Blvd.,

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Suite 1700, Los Angeles, CA 90017 or by phone at (213) 630-1420, or email to [aguilarm@scag.ca.gov](mailto:aguilarm@scag.ca.gov).

2. **Remotely:** If participating in real time via Zoom or phone, please wait for the presiding officer to call the item for which you wish to speak and use the “raise hand” function on your computer or \*9 by phone and wait for SCAG staff to announce your name/phone number.
3. **In-Person:** If participating in-person, you are invited but not required, to fill out and present a Public Comment Card to the Clerk of the Board or other SCAG staff prior to speaking. It is helpful to indicate whether you wish to speak during the Public Comment Period (Matters Not on the Agenda) and/or on an item listed on the agenda.

## General Information for Public Comments

Verbal comments can be presented in real time during the meeting. Members of the public are allowed a total of 3 minutes for verbal comments. The presiding officer retains discretion to adjust time limits as necessary to ensure efficient and orderly conduct of the meeting, including equally reducing the time of all comments.

For purpose of providing public comment for items listed on the Consent Calendar, please indicate that you wish to speak when the Consent Calendar is called. Items listed on the Consent Calendar will be acted on with one motion and there will be no separate discussion of these items unless a member of the legislative body so requests, in which event, the item will be considered separately.

***In accordance with SCAG’s Regional Council Policy, Article VI, Section H and California Government Code Section 54957.9, if a SCAG meeting is “willfully interrupted” and the “orderly conduct of the meeting” becomes unfeasible, the presiding officer or the Chair of the legislative body may order the removal of the individuals who are disrupting the meeting.***

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## ENERGY AND ENVIRONMENT COMMITTEE AGENDA

### TELECONFERENCE AVAILABLE AT THESE ADDITIONAL LOCATIONS\*

<b>Art Bishop</b> Town of Apply Valley - Town Hall 14955 Dale Evans Pkwy Conference Room A Apple Valley, CA 92307	<b>Robert D. Copeland</b> City of Signal Hill - City Hall 2175 Cherry Avenue Signal Hill, CA 90755	<b>Ned E. Davis</b> City of Westlake Village - City Hall 31200 Oak Crest Drive Westlake Village, CA 91361
<b>Carmen Hernandez</b> City of Barstow - City Hall 220 E Mountain View Barstow, CA 92311	<b>Shari L. Horne</b> City of Laguna Woods - City Hall 24264 El Toro Road Laguna Woods, CA 92637	<b>Britt Huff</b> City of Rolling Hills Estates - City Hall 4045 Palos Verdes Drive North Rolling Hills Estates CA, 90274
<b>Dan Kalmick</b> 16772 Glenhaven Lane Huntington Beach, CA 92647	<b>Joe Kalmick</b> City of Seal Beach - City Hall 211 8th Street, Council Chambers Seal Beach, CA 90740	<b>Steven Leash</b> Cahuilla Band of Indians 52701 US Hwy 371 Anza, CA 92539
<b>Vianey Lopez</b> Ventura County Government Center 800 S. Victoria Avenue, L#1860 Ventura, CA 93009	<b>Deborah Robertson</b> City of Rialto - City Hall 150 S. Palm Avenue Rialto, CA 92376	<b>Nick Schultz</b> City of Burbank - City Hall 275 East Olive Ave 2nd Floor, Council Office Burbank, CA 91502
<b>Tamala Takahashi</b> City of Burbank - City Hall 275 East Olive Avenue 2nd Floor, Council Office Burbank, CA 91502	<b>Connor Traut</b> Traut Firm 5 Hutton Centre Drive, Suite 700 Santa Ana, CA 92707	<b>Stephanie Virgen</b> City of Coachella - City Hall 1515 Sixth Street Coachella, CA 92236

\* Under the teleconferencing rules of the Brown Act, members of the body may remotely participate at any location specified above.



## ENERGY AND ENVIRONMENT COMMITTEE AGENDA

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### EEC - Energy and Environment Committee *Members – February 2024*

1. **Hon. Deborah Robertson**  
EEC Chair, Rialto, RC District 8
2. **Sup. Luis Plancarte**  
EEC Vice Chair, Imperial County
3. **Hon. Damon Alexander**  
San Bernardino, SBCTA
4. **Hon. Ana Beltran**  
Westmorland, ICTC
5. **Hon. Arthur Bishop**  
Apple Valley, SBCTA
6. **Hon. Phil Brock**  
Santa Monica, WSCCOG
7. **Hon. Margaret Clark**  
Rosemead, RC District 32
8. **Hon. Robert Copeland**  
Signal Hill, GCCOG
9. **Hon. Jenny Crosswhite**  
Santa Paula, RC District 47
10. **Hon. Maria Davila**  
South Gate, GCCOG
11. **Hon. Ned Davis**  
Westlake Village, LVMCOG
12. **Hon. Rick Denison**  
Yucca Valley, SBCTA
13. **Hon. Carmen Hernandez**  
Barstow, SBCTA
14. **Hon. Shari Horne**  
Laguna Woods, OCCOG
15. **Hon. Britt Huff**  
Rolling Hills Estates, SBCCOG

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## ENERGY AND ENVIRONMENT COMMITTEE AGENDA

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- 16. Hon. Dan Kalmick**  
Huntington Beach, OCCOG
- 17. Hon. Joe Kalmick**  
Seal Beach, RC District 20
- 18. Hon. Steven Leash**  
Cahuilla Band of Indians
- 19. Hon. Elaine Litster**  
Simi Valley, VCOG
- 20. Hon. Vianey Lopez**  
Ventura County
- 21. Hon. Lauren Meister**  
West Hollywood, RC District 41
- 22. Hon. Oscar Ortiz**  
Indio, RC District 66
- 23. Hon. Daniel Ramos**  
Adelanto, SBCTA
- 24. Hon. Jeannette Sanchez-Palacios**  
Ventura, VCOG
- 25. Hon. Nicholas Schultz**  
Burbank, AVCJPA
- 26. Hon. Jennifer Stark**  
Claremont, SGVCOG
- 27. Hon. Ali Taj**  
Artesia, Pres. Appt (Member at Large)
- 28. Hon. Tamala Takahashi**  
Burbank, SFVCOG
- 29. Hon. Connor Traut**  
Buena Park, OCCOG
- 30. Hon. Stephanie Virgen**  
Coachella, CVAG
- 31. Hon. Dale Welty**  
Canyon Lake, WRCOG

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## ENERGY AND ENVIRONMENT COMMITTEE AGENDA

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**32. Hon. Edward Wilson**  
Signal Hill, GCCOG

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# ENERGY AND ENVIRONMENT COMMITTEE AGENDA

Southern California Association of Governments  
900 Wilshire Boulevard, Suite 1700 - Policy A Meeting Room  
Los Angeles, CA 90017  
**Thursday, February 1, 2024**  
**9:30 AM**

The Energy and Environment Committee may consider and act upon any of the items on the agenda regardless of whether they are listed as Information or Action items.

## **CALL TO ORDER AND PLEDGE OF ALLEGIANCE** *(The Honorable Deborah Robertson, Chair)*

### **PUBLIC COMMENT PERIOD (Matters Not on the Agenda)**

This is the time for public comments on any matter of interest within SCAG’s jurisdiction that is *not* listed on the agenda. For items listed on the agenda, public comments will be received when that item is considered. Although the committee may briefly respond to statements or questions, under state law, matters presented under this item cannot be discussed or acted upon at this time.

## **REVIEW AND PRIORITIZE AGENDA ITEMS**

### **CONSENT CALENDAR**

#### Approval Items

- 1. Minutes of the Meeting – January 4, 2024 PPG 8

#### Receive and File

- 2. Energy and Environment Committee Outlook and Future Agenda Items PPG 17
- 3. Connect SoCal 2024: Draft Plan Release Activities PPG 22
- 4. Connect SoCal 2024 Program Environmental Impact Report (PEIR) (State Clearinghouse No.: 2022100337): Status Update on Additional Stakeholder Outreach and Preliminary Outline for the Proposed Final PEIR PPG 27

### **INFORMATION ITEMS**

- 5. Clean Technology Compendium 15 Mins. PPG 35  
*(Sam Pournazeri, Senior Director of Clean Transportation and Energy, ICF)*
- 6. Water Action Resolution White Paper Update 15 Mins. PPG 51  
*(Kim Clark, Planning Supervisor)*
- 7. Governor's Budget Update: Regional Early Action Planning Grant 2021 (REAP 2.0) -Verbal Report 10 Mins.  
*(Javiera Cartagena, Chief Government and Public Affairs Officer)*





8. Highways to Boulevards Regional Study  
*(Hina Chanchlani, Associate Regional Planner)*

15 Mins.

PPG 58

**CHAIR'S REPORT**

*(The Honorable Deborah Robertson, Chair)*

**STAFF REPORT**

*(Rachel Wagner, Government Affairs Officer, SCAG Staff)*

**ANNOUNCEMENTS**

**ADJOURNMENT**



**MINUTES OF THE MEETING**  
**ENERGY AND ENVIRONMENT COMMITTEE**  
**THURSDAY, JANUARY 4, 2024**

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE ENERGY AND ENVIRONMENT COMMITTEE (EEC). A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE AT: <http://scag.iqm2.com/Citizens/>.

The Energy and Environment Committee (EEC) of the Southern California Association of Governments (SCAG) held its regular meeting both in person and virtually (telephonically and electronically). A quorum was present.

**Members Present**

**Sup. Luis Plancarte (Vice Chair)**

- Hon. Ana Beltran
- Hon. Art Bishop
- Hon. Phil Brock
- Hon. Margaret Clark
- Hon. Robert Copeland
- Hon. Jenny Crosswhite
- Hon. Ned Davis
- Hon. Rick Denison
- Hon. Shari Horne
- Hon. Britt Huff
- Hon. Dan Kalmick
- Hon. Joe Kalmick
- Hon. Elaine Litster
- Hon. Vianey Lopez
- Hon. Lauren Meister
- Hon. Oscar Ortiz
- Hon. Daniel Ramos
- Hon. Nick Schultz
- Hon. Jennifer Stark
- Hon. Ali Taj
- Hon. Tamala Takahashi
- Hon. Connor Traut

- Westmoreland*
- Town of Apple Valley*
- Santa Monica*
- Rosemead*
- Signal Hill*
- Santa Paula*
- Westlake Village*
- Yucca Valley*
- Laguna Woods*
- Rolling Hills Estates*
- Huntington Beach*
- Seal Beach*
- Simi Valley*
  
- West Hollywood*
- Indio*
- Adelanto*
- Burbank*
- Claremont*
- Artesia*
- Burbank*
- Buena Park*

**Imperial County**

- ICTC
- SBCTA
- WSCCOG
- SGVCOG
- GCCOG
- District 47
- LVMCOG
- SBCTA
- OCCOG
- SBCCOG
- OCCOG
- District 20
- VCOG
- Ventura County
- District 41
- CVAG
- SBCTA
- AVCJPA
- SGVCOG
- Presidential Appt.
- SFVCOG
- OCCOG



Hon. Stephanie Virgen	<i>Coachella</i>	CVAG
Hon. Dale Welty	<i>Canyon Lake</i>	WRCOG
Hon. Edward H.J. Wilson	<i>Signal Hill</i>	GCCOG

**Members Not Present**

<b>Hon. Deborah Robertson (Chair)</b>	<b><i>Rialto</i></b>	<b>District 8</b>
Hon. Damon L. Alexander	<i>San Bernardino</i>	SBCTA
Hon. Maria Davila	<i>South Gate</i>	GCCOG
Hon. Carmen Hernandez	<i>Barstow</i>	SANBAG
Hon. Jeannette Sanchez-Palacios	<i>Ventura</i>	VCOG

**CALL TO ORDER AND PLEDGE OF ALLEGIANCE**

Vice Chair Luis Plancarte called the meeting to order at 9:31 a.m. and Policy Committee member Lauren Meister, West Hollywood, District 41 led the Pledge of Allegiance. Staff confirmed a quorum was present.

**PUBLIC COMMENT PERIOD**

Vice Chair Luis Plancarte opened the public comment period and provided detailed instructions on how to provide public comments. He noted that this was the time for members of the public to offer comment for matters that are within SCAG’s jurisdiction but are not listed on the agenda.

He reminded the public to submit comments via email to [EECPublicComment@scag.ca.gov](mailto:EECPublicComment@scag.ca.gov). He noted that public comments received via email after 5:00 p.m. on Wednesday, January 3, 2024, would be announced and included as part of the official record of the meeting.

A member of the public, Mr. John Kindred addressed the committee inquiring about the sustainability of public transportation and the use of wind turbines to generate energy and cut costs.

SCAG staff confirmed there was one public comment that had been received before the 5:00 p.m. deadline on January 3, 2024 for agenda Item No. 5 which had been posted on the website and transmitted to the members.

Seeing there was no further public comment, Vice Chair Plancarte closed the public comment period for matters not listed on the agenda.

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## **REVIEW AND PRIORITIZE AGENDA ITEMS**

There were no requests to prioritize agenda items.

## **CONSENT CALENDAR**

There were no public comments on the Consent Calendar.

### Approval Items

1. Minutes of the Meeting – November 2, 2023

### Receive and File

2. Energy and Environment Committee Outlook and Future Agenda Items
3. Southern California Clean Cities Coalition Strategic Plan
4. Highways to Boulevards Regional Study

A MOTION was made (Ramos) to approve the Consent Calendar. Motion was SECONDED (Taj) and passed by the following votes:

**AYES:** Beltran, Bishop, Brock, Clark, Copeland, Crosswhite, Davis, Denison, Horne, Huff, D. Kalmick, J. Kalmick, Lopez, Meister, Ortiz, Plancarte, Ramos, Schultz, Stark, Taj, Takahashi, Traut, Virgen and Welty (24)

**NOES:** None (0)

**ABSTAINS:** None (0)

During the roll call vote for the Consent Calendar, Member Litster was inadvertently called on. She was not at a noticed location and, therefore her vote could not be counted.

## **ACTION ITEM**

5. Proposed SoCal Greenprint Data Standards

The following members of the public provided comments on agenda Item No. 5.

Melanie Schlotterbeck stated the Greenprint TAC marked a milestone to move forward but she could not fully support Greenprint. She stated that she did not support the change in language

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regarding data standard A4 and requested changing the wording from 'and' to 'or' or return to the original language the Greenprint Technical Advisory Committee (GTAC) agreed upon.

Manny Kiesser, Friends of Harbors, Beaches and Parks, voiced his support for the Greenprint data standards including the proposed amendments to data standard A4 that was presented by Melanie Schlotterbeck.

Gloria Sefton, Friends of Harbors, Beaches and Parks, voiced her support of Greenprint including the proposed amendments to data standard A4 as presented by Melanie Schlotterbeck.

Elizabeth Wallace, California Native Plant Society, stated her support for the completion of SoCal Greenprint with the proposed amendments to data standard A4 as presented by Melanie Schlotterbeck.

Helen Higgins, Friends of Coyote Hills, stated her support for the proposed amendments to data standard A4 as presented by Melanie Schlotterbeck and urged the completion of Greenprint without further delay.

Chris Wilson, Los Angeles County Business Federation, thanked SCAG staff for their efforts and stated he was looking forward to working with SCAG.

Richard Lambros, Southern California Leadership Council, stated his support for Greenprint and thanked SCAG staff for their efforts.

Art Bishop, Town of Apple Valley, stated he was a member of the GTAC and voiced his support for Greenprint with the inclusion of data standard A4.

There were no further public comments.

Ryan Wolfe, Department Manager of Sustainable and Resilient Development, presented the process of the GTAC. He stated Greenprint was a data tool of publicly available data sources to help assist cities, counties, and transportation agencies to support advanced mitigation, make land use and transportation decisions, and conserve natural farm lands. He stated that the GTAC provided input and consultation for SCAG staff to develop data standards for the SoCal Greenprint tool and acted as an advisory body. He noted that data standards should ensure the trustworthiness of the tool to make sure that the data is high quality. He called on Maggie Messerschmidt to present the specific data standards.

Maggie Messerschmidt, Senior Resilience Consultant from ARUP, stated the key objectives for development of the data standards included sharing alignment with the RAMP policy framework. There were 18 proposed standards which included how to evaluate and communicate the purpose of the data. She provided a description of each data standard before turning the presentation back over to Ryan Wolfe.

Mr. Wolfe presented the draft disclaimer language and stated the first set of language expresses what the intent of the tool is which is for informational purposes only. He shared it recognizes that local land use information is important, and that SCAG does not have land use authority. He stated the second portion of it indicated that there may be more detailed information at the local level and SCAG refers to local jurisdictions who may have more complete information. Lastly, he called on Maggie Messerschmidt to present the data layer identification and evaluation and tool functionality preview.

Policy Committee Member Meister asked Member Art Bishop what was the A4 standard he was in support of and was it based on the last GTAC review.

Policy Committee Member Art Bishop stated it was discussed among staff to use language that would try to make a living document that would be a one stop shop for public users. He stated there were multiple meetings that occurred after the third GTAC meeting to discuss recommendations which is why he was in support.

Policy Committee Member Meister asked which organization offered the language for the A4 data standard and asked if it went back to the other members of the GTAC or other organizations that were involved. She also asked if the data would be included on other public platforms and if the tool would be accessible the public. She further asked if the disclaimer was meant to deter use and asked if SCAG had any other disclaimers on other data tools. She asked what types of data had been left out. She stated she wanted data standard A4 to revert to the original language using 'and or used by regulatory agencies, state and or Federal agencies'.

Policy Committee Member Jenny Crosswhite, Santa Paula, District 47, asked why the language for the A4 data standard stating 'shall' be created by and or sponsored was changed to 'should'. She asked if recommended for use could be added since it was rewritten so that it has to be either created by or sponsored and used. She stated that there may be items that don't fit into those two categories.

Policy Committee Member Daniel Ramos, Adelanto, SBCTA asked if the data that was being exported could be tracked and who was exporting it. Staff acknowledged the question.

Policy Committee member Ali Taj, made a motion to approve staff recommendation and was seconded by Policy Committee member Daniel Ramos. Before taking a vote on the motion the EEC engaged in further discussion on the item.

Policy Committee Member Margaret Clark, Rosemead, District 32, stated she agreed with Melanie Schlotterbeck since the change to the A4 data standard language occurred after the committee met and agreed upon it. She stated that the addition of the word ‘and’ was concerning because if it excluded consideration of parks and green space then that was not what the committee was about. She stated she wanted to make a substitute motion to [change the language] back to ‘created, sponsored or’ rather than ‘and’.

Policy Committee Member Bishop stated he and the majority of members were concerned over producing a document that could be litigated. The disclaimer was purposely added to protect SCAG and other organizations from litigation in the future. He stated there were litigious groups in Southern California and it was the responsibility of the organization to protect city councils and other government institutions.

Policy Committee Member Vianey Lopez, Ventura County, thanked SCAG staff for their efforts and expressed her support for changing the language back to the original recommendation under A4 data standard and keeping the ‘and or used by regulatory agencies.’ She stated it should be open as possible with the data included and reiterated her support of the amended motion.

The comprehensive staff report was included in the agenda packet and posted on the SCAG website. The meeting video is also available on the SCAG website.

A SUBSTITUTE MOTION was made (Clark) that the Energy and Environment Committee change the language in the A4 Data Standard from ‘created, sponsored and’ to ‘created, sponsored or’ and recommend the Regional Council (RC) adopt the SoCal Greenprint Recommended Data Standards and update the SCAG Regional Advance Mitigation Program Policy Framework (RAMP Policy Framework). Motion was SECONDED (Lopez).

**AYES:** Beltran, Brock, Clark, Copeland, Crosswhite, Denison, Horne, Huff, D. Kalmick, J. Kalmick, Lopez, Meister, Ortiz, Plancarte, Ramos, Schultz, Stark, Taj, Takahashi, Traut, Virgen, Welty, and Wilson (23)

**NOES:** None (0)

**ABSTAINS:** None (0)

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**INFORMATION ITEMS****6. Connect SoCal 2024: Implementation Strategies**

There were no public comments on Item 6.

Ryan Wolfe, Department Manager of Sustainable and Resilient Development, provided a presentation on how implementation strategies will help guide SCAG in implementing the plan. He added that SCAG would not implement projects but rather collaborate and support local partners in implementation. Lastly, he stated implementation strategies were organized by Regional Planning Policy categories within the four Connect SoCal goals of Mobility, Communities, Environment and Economy.

The comprehensive staff report was included in the agenda packet and posted on the SCAG website. The meeting video is also available on the SCAG website.

**CHAIR'S REPORT**

Vice Chair Plancarte welcomed Carmen Hernandez, Mayor Pro Tem Barstow, SBCTA and Ali Taj Mayor Pro Tem Artesia, Presidential Appointee to the EEC.

**STAFF REPORT**

Rachel Wagner, Government Affairs Officer, reported staff had concluded the Connect SoCal elected officials briefings and outreach. She stated SCAG hosted 15 briefings with elected officials in Imperial, Los Angeles, Orange, Riverside, San Bernardino and Ventura counties. She noted that in all, 229 local elected officials, city and county staff and stakeholders participated in the briefings, where SCAG leadership shared details of the draft Connect SoCal 2024 and discussed implementing the plan's vision for a more resilient and equitable future. Last, she added that the comment period would close on January 12.

**ANNOUNCEMENT**

There were no announcements.



**ADJOURNMENT**

There being no further business, Vice Chair Plancarte adjourned the meeting of the Energy and Environment Committee at 10:42 a.m.

[MINUTES ARE UNOFFICIAL UNTIL APPROVED BY THE EEC]

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**ENERGY AND ENVIRONMENT COMMITTEE ATTENDANCE REPORT**

**2023-24**

MEMBERS	Representing	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	April	May	Jun	Total Mtgs Attended To Date
Alexander, Damon L.	San Bernardino, SBCTA	1	1			1	1		0						4
Beltran, Ana	Westmoreland, ICTC	0	0			1	0		1						2
Bishop, Art	Apple Valley, SBCTA	0	1			1	1		1						4
Brock, Phil	Santa Monica, WSCCOG	1	0			1	1		1						4
Clark, Margaret	Rosemead, SGVCOG	1	1			1	1		1						5
Copeland, Robert	Signal Hill, GCCOG	1	0	D		1	1	D	1						4
Crosswhite, Jenny	Santa Paula, District 47	1	1			1	1		1						5
Davila, Maria	South Gate, GCCOG	0	0			0	0		0						0
Davis, Ned	Westlake Village, LVMCOG	0	0			1	1		1						3
Denison, Rick	Yucca Valley, SCBTA	1	1	A		1	1	A	1						5
Hernandez, Carmen	Barstow, SBCTA								0						0
Horne, Shari	Laguna Woods, OCCOG	1	0			1	1		1						4
Huff, Britt	Rolling Hills Estates, SCBCOG	1	1			1	0		1						4
Kalmick, Dan	Huntington Beach, OCCOG	1	1			1	1		1						5
Kalmick, Joe	Seal Beach, District 20	1	1			1	1		1						5
Litster, Elaine	Simi Valley, VCOG	1	1	R		1	1	R	1						5
Lopez, Vianey	Ventura County	1	1			1	1		1						5
Meister, Lauren	West Hollywood, RC District 41	1	1			1	1		1						5
Ortiz, Oscar	Indio, CVAG	1	1			0	1		1						4
Plancarte, Luis	Imperial County	1	1	K		1	1	K	1						5
Ramos, Daniel	Adelanto, SBCTA					1	1		1						3
Robertson, Deborah	Rialto, RC District 8	0	1			1	1		0						3
Sanchez-Palacios, Jeanette	Ventura, VCOG	0	1			1	0		0						2
Schultz, Nick	Burbank, AVCJPA						1		1						2
Stark, Jennifer	Claremont, SGVCOG	1	1			1	1		1						5
Takahashi, Tamala	Burbank, SFVCOG	1	1			1	0		1						4
Traut, Connor	Buena Park, OCCOG	0	1			1	1		1						4
Virgen, Stephanie	Coachella, CVAG	0	1			1	0		1						3
Welty, Dale	Canyon Lake, WRCOG	0	1			1	1		1						4
Wilson, Edward H.J.	Signal Hill, GCCOG	0	0			1	1		1						

Attachment: EEC Attendance Sheet 2022-23 (Minutes of the Meeting - January 4, 2024)



**AGENDA ITEM 2**  
**REPORT**

Southern California Association of Governments  
February 1, 2024

**To:** Energy and Environment Committee (EEC)  
**From:** Ryan Wolfe, Manager for Sustainable and Resilient Development  
213-630-1527, wolfe@scag.ca.gov  
**Subject:** EEC Outlook and Future Agenda Items

EXECUTIVE DIRECTOR'S  
APPROVAL

**RECOMMENDED ACTION:**

Receive and File

**STRATEGIC PLAN:**

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians. 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy. 3: Be the foremost data information hub for the region.

**EXECUTIVE SUMMARY:**

*The draft Policy Development Framework (“Framework”) for Connect SoCal 2024 was presented to the Energy and Environment Committee (EEC) on April 7, 2022. Following the Regional Council adoption of the Framework on June 2, 2022, staff developed a 12-month Committee EEC Outlook, to realize the goals and discussions committed to in the Framework and develop consensus around the policy priorities that will become final recommendations in Connect SoCal 2024. For FY2024, the EEC Outlook reflects outcomes of the 2023 Executive Administration Committee (EAC) Retreat and discussions with the EEC Chair and Vice Chair. The Committee Outlook and Future Agenda Items will be updated monthly as a receive and file item.*

**BACKGROUND:**

**Policy Development Framework for Connect SoCal 2024**

The draft Policy Development Framework (“Framework”) for Connect SoCal 2024 was presented to the EEC on April 7, 2022, and was adopted by the Regional Council at the June 2, 2022 meeting. The Policy Framework is intended to facilitate the engagement of SCAG’s Policy Committees in the data, emerging issues and policy recommendations that will be presented in Connect SoCal 2024. In furtherance of the adopted Policy Development Framework, staff have developed a “Committee Outlook” for each of the three policy committees (CEHD, TC and EEC) organized around three areas: Connect SoCal, Local Assistance Program, and Regional Updates.

### EEC Committee Outlook and Framework

Building on the Policy Framework and the commitment to creating more transparency and engagement in the policy development process, staff updated the Outlook for the EEC Policy Committee for FY2024.

The Committee Outlook organizes content into three programmatic areas:

- 1. *Connect SoCal:*** Items within this area will center on efforts to implement Connect SoCal 2020, updates on the plan development process for 2024, and discussion of key policy issues and emerging trends for the 2024 Connect SoCal Plan. Presentations will offer best practices, lessons learned and emerging trends in key policy areas centered on land use, energy, sustainability, and resilience. The FY2024 Outlook summarizes the items that will be coming before the EEC Committee that will be related to the development of Connect SoCal 2024.
- 2. *Local Assistance Program:*** In this programmatic area, staff will present informational and action items related to programs that provide assistance to local partners. Currently, the main programs that will be highlighted through the EEC committee are the Greenprint Tool Data Standards and several items that align with the climate action and water action resolutions related to overall resilience, local policies and best practices, and funding for reducing greenhouse gas emissions.
- 3. *Regional Updates:*** This programmatic area will focus on regional policy issues, such as conservation, clean transportation, clean energy, and the alignment of state policies and programs with SCAG regional goals and objectives.

The Committee Outlook is tracked to when the draft 2024 Connect SoCal will be published. Staff will ensure that the various policy and strategy recommendations in Connect SoCal 2024 will be reviewed and discussed by SCAG's policy committees through April 2024. The topics and panels covered may change based on speaker availability, progress on the targeted programs, and other requests from the Committee Chair and Vice Chair as well as members. To request future agenda items, Policy Committee members may request that the agenda item be pulled for discussion, or they may send a request directly to the Chair or committee staff for consideration and reporting out at the next meeting. Agenda items that are recommended by Policy Committee members will be discussed with the Chair and Vice Chair to assess relevance to the EEC and the considerations noted above.

During the February-April timeframe, two Connect SoCal items, the Proposed Final Transportation Conformity Analysis and the Clean Technology Compendium will be brought to EEC. The Joint Policy Committee (JPC) for the final review of Connect SoCal 2024 will be held in March. Additional items



related to water resilience, conservation, and clean energy and transportation are also included in the EEC Outlook through spring and into early summer of 2024.

Staff is also looking for additional opportunities to integrate items that reflect input expressed by committee members during the October 2023 EEC meeting that align with the criteria above. These opportunities will be shared and discussed with the Chair/Vice Chair and, as appropriate, will be reflected in the updated EEC Outlook.

**FISCAL IMPACT:**

Work associated with this item is included in the FY 2023-24 Indirect Cost Program (810.0120.20: Planning Policy Development).

**ATTACHMENT(S):**

1. EEC Outlook February

# Energy & Environment Committee Agenda Outlook

Anticipated major actions and information items. Does not include all Receive/File and Program Updates.

Date	Connect SoCal	Local Assistance Program	Regional Update
July-Aug	<ul style="list-style-type: none"> <li>Connect SoCal 2024 Outreach Update</li> <li>Connect SoCal 2024: Performance Measures Update</li> <li>Connect SoCal 2024: Resilience Policies and Strategies</li> </ul>	<ul style="list-style-type: none"> <li>REAP 2.0 Update</li> </ul>	<ul style="list-style-type: none"> <li>Climate Resolution Bi-Annual Update</li> </ul>
Sept	<b>Joint Policy Committee: Connect SoCal 2024 Draft Plan Review</b>		
Oct - Nov	<ul style="list-style-type: none"> <li>Authorization to Release the Connect SoCal 2024 Draft PEIR</li> <li>Release of Draft Transportation Conformity Analysis for Public Review and Comment</li> <li>Transmittal to South Coast AQMD of Draft 2024 PM2.5 State Implementation Plan Appendix IV-C RTP/SCS and Transportation Control Measures</li> </ul>	<ul style="list-style-type: none"> <li>Climate Pollution Reduction Grant Program</li> <li>Urban Greening (Added to November EEC)</li> <li>Department of Energy State and Community Energy Programs</li> </ul>	<ul style="list-style-type: none"> <li>EEC 12-Month Lookahead</li> </ul>
Jan - Feb	<ul style="list-style-type: none"> <li>Connect SoCal 2024: Implementation Strategies</li> <li><del>Connect SoCal 2024: Summary of Comments and Revision Approach (Moved to Joint Policy Committee in March)</del></li> <li><del>Connect SoCal PEIR Status Update (Moved to Joint Policy Committee in March)</del></li> <li>Transmittal to South Coast AQMD of Final 2024 PM2.5 State Implementation Plan Appendix IV- RTP/SCS and Transportation Control Measures</li> <li>Greenprint Tool Data Standards</li> <li>Clean Technology Compendium Findings</li> </ul>	<ul style="list-style-type: none"> <li><del>Grey Water: Local Policies &amp; Best Practices (Moved to April)</del></li> <li>Clean Cities Strategic Plan</li> <li>Water White Paper Update</li> <li>Highways to Boulevard's Regional Study</li> </ul>	<ul style="list-style-type: none"> <li><del>Clean Energy &amp; Storage: Outside Presenter (Moved to June)</del></li> <li><del>California Air Resources Board Advanced Clean Cars Program: Outside Presenter (Moved to April)</del></li> <li><del>California's 30 x 30 conservation framework: Outside Presenter (Moved to April)</del></li> </ul>
Mar	<b>Joint Policy Committee: Connect SoCal 2024 Final Review</b>		

Attachment: EEC Outlook February (EEC Outlook and Future Agenda Items)

# Energy & Environment Committee Agenda Outlook

Anticipated major actions and information items. Does not include all Receive/File and Program Updates.

Date	Connect SoCal	Local Assistance Program	Regional Update
April	<ul style="list-style-type: none"> <li>• <del>Recommendation for RC to Adopt the Connect SoCal 2024 Final PEIR</del> Recommendations will be made in March JPC</li> <li>• Proposed Final Transportation Conformity Analysis for Connect SoCal 2024</li> </ul>	<ul style="list-style-type: none"> <li>• <del>Water White Paper &amp; Next Steps</del></li> <li>• Grey Water: Local Policies &amp; Best Practices (Moved from February)</li> </ul>	<ul style="list-style-type: none"> <li>• California Air Resources Board Advanced Clean Cars Program: Outside Presenter (Moved from February)</li> <li>• California's 30 x 30 conservation framework: Outside Presenter (Moved from February)</li> </ul>
May	<b>General Assembly</b>		
June		<ul style="list-style-type: none"> <li>• REAP 2.0 Update</li> <li>• Climate Pollution Reduction Grants</li> </ul>	<ul style="list-style-type: none"> <li>• Climate Resolution Bi-Annual Update</li> <li>• Clean Energy &amp; Storage: Outside Presenter (Moved from February)</li> </ul>

Attachment: EEC Outlook February (EEC Outlook and Future Agenda Items)



**AGENDA ITEM 3**  
**REPORT**

Southern California Association of Governments  
February 1, 2024

**To:** Community Economic & Human Development Committee (CEHD)  
Energy & Environment Committee (EEC)  
Transportation Committee (TC)

**EXECUTIVE DIRECTOR'S  
APPROVAL**

**From:** Sarah Dominguez, Planning Supervisor  
(213) 236-1918, dominguezs@scag.ca.gov

**Subject:** Connect SoCal 2024: Draft Plan Release Activities

**RECOMMENDED ACTION:**

Receive and File

**STRATEGIC PLAN:**

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians.

**EXECUTIVE SUMMARY:**

*On November 2, 2023 the SCAG Regional Council approved the draft 2024 Regional Transportation Plan/Sustainable Communities Strategy, Connect SoCal 2024, including the associated draft transportation conformity analysis, for public review and comment. The public comment period ended on January 12, 2024. During the public review and comment period, SCAG held 15 elected official briefings and three public hearings. This staff report summarizes these briefings, hearings and other draft Plan release activities.*

**BACKGROUND:**

Every four years, SCAG, as the Metropolitan Planning Organization (MPO) for the six-county region of Los Angeles, Orange, San Bernardino, Riverside, Ventura and Imperial Counties, is required by federal law (23 USCA §134 et seq.) to prepare and update a long-range (minimum of 20 years) Regional Transportation Plan (RTP) that provides for the development and integrated management and operation of transportation systems and facilities that will function as an intermodal transportation network for the SCAG metropolitan planning area.

The process for development of the plan takes into account all modes of transportation and is accomplished by a “continuing, cooperative and comprehensive” planning approach, which is also performance-driven and outcome-based. In addition, because the SCAG region includes areas designated as nonattainment for ozone or carbon monoxide under the Clean Air Act (42 U.S.C. §7401 et seq.), the plan must conform to applicable air quality standards.



The passage of California Senate Bill 375 (SB 375) in 2008 requires that SCAG prepare and adopt a Sustainable Communities Strategy (SCS) that sets forth a forecasted regional development pattern, which, when integrated with the transportation network, measures, and policies, will reduce greenhouse gas emissions from automobiles and light duty trucks (Govt. Code §65080(b)(2)(B)). In regard to this draft Plan release period, SB 375 included requirements that MPO's "shall conduct at least two informational meetings in each county within the region for members of the board of supervisors and city councils on the sustainable communities strategy" and "at least three public hearings" (Govt. Code §65080(b)(2)(E) and §65080(b)(2)(F)(v), respectively).

In 2022, SCAG adopted a Public Participation Plan that guides outreach and engagement activities, including, but not limited to, activities conducted pursuant to RTP/SCS specific requirements. During the draft Plan release and comment period between November 2, 2023, and January 12, 2024, SCAG completed all required meetings in addition to other outreach activities.

### **Media**

SCAG used paid, earned and owned media channels to bring visibility to the comment period and encourage comments. All media activity linked directly or included reference to SCAG's website, which housed an online comment form as well as information for providing comments by email or US post mail.

### **Paid Media**

*Newspapers:* SCAG purchased space for notification of the release of the draft Connect SoCal 2024 and draft FTIP amendment to 13 publications, including in language media, with a combined 1,117,574 impressions. These notices included information about where to find the draft plan online and the noticing of the public hearings and were published in the below list of outlets on varying dates (based on publication schedules) ahead of the public hearings.

Additionally, SCAG purchased print advertising space to notify about the comment period for the associated Program Environmental Impact Report (PEIR). This set of ads ran in 13 publications, including in-language newspapers, with a combined 1,117,574 impressions. These ads included information about the comment period dates, where to access the PEIR document and how to provide comments.

The list of newspapers in which SCAG purchased two ads sets, one for Connect SoCal 2024 draft and one for the associated PEIR, are:

- Los Angeles Times
- Orange County Register
- San Bernardino County Sun
- Riverside Press-Enterprise

- Imperial Valley Press
- Ventura County Star
- The Desert Sun
- Korea Times
- Los Angeles Sentinel
- La Opinion
- Nguoi Viet
- World Journal

*Social Media:* SCAG also used paid social media in English and Spanish to create visibility for the Connect SoCal 2024 draft comment period. These advertisements featured a short video with an overview of the plan and associated process, with a call to action to provide comments, and targeted anyone within the six-county region. These ads ran between November 3 and December 8 and were seen 307,722 times; the ads resulted in 66,604 video views and 5,330 clicks to the SCAG website with information on how to comment.

#### Earned Media

*Press release and coverage:* SCAG distributed a press release announcing the comment period, which was serviced to 618 regional and subregional media outlets. It resulted in 20 stories in print and online, with an estimated 27.8 million audience reach.

*Library Notices:* SCAG distributed the same notices as those published in newspapers, described above, in five languages to 69 libraries across the region via traditional mail and email. In response to the mailing, we received one request for a printed copy which was sent.

#### Owned media

*Email distribution:* SCAG distributed 15 emails featuring information about the comment period for the Connect SoCal 2024 draft and the associated PEIR, which went to 65,436 subscribers, and saw an average 42% percent open rate.

These emails also included a toolkit of pre-written outreach materials for partners to distribute to their own audiences in print and online.

*Social media:* In addition to the paid social ads, information about the comment period for both the Connect SoCal 2024 draft and associated PEIR was posted organically on SCAG's social media channels, resulting in 8,069 reach.

*Website:* A banner linking to the page with instructions for commenting on Connect SoCal 2024 draft and the associated PEIR, also appeared on SCAG's homepage to create additional visibility for

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visitors entering the site from this main page. This page was visited 4,576 times during the comment period.

### **Public Hearings**

SCAG held three public hearings to brief members of the public on the availability and contents of the draft Connect SoCal 2024. These meetings were held in a hybrid format both via zoom and in-person at SCAG's downtown Los Angeles office and five regional offices in Ventura, Orange, San Bernadino, Riverside and Imperial Counties. Spanish translation was available at each meeting and offered by request in Chinese, Korean and Vietnamese. In total, there were 44 unique attendees across the three meetings. Comments made or questions asked during the public hearing will be documented and responded to alongside the written comments received within the proposed final Connect SoCal 2024.

The meeting dates and times are listed below:

- December 4, 2023, 4:00 p.m. - 6:00 p.m.
- December 5, 2023, 2:00 p.m. - 4:00 p.m.
- December 8, 2023, 10:00 a.m. - 12:00 p.m.

### **Community Partner Focus Groups**

SCAG concluded work on the Connect SoCal 2024 Community Partner Program with three virtual focus groups with staff from the community-based organizations. At the focus groups, SCAG presented about how the feedback they collected from their communities was incorporated into the draft Connect SoCal 2024. Consultant Estolano Advisors facilitated the discussion and administered an evaluation to get feedback on aspects of the draft and the Community Partnership Program itself. In feedback about Connect SoCal 2024, Community Partners advocated for increased urgency around the housing affordability crisis, more investments in active transportation and transit, as well as acknowledgement of the intersectionality between Mobility, Community, Environment, and Economy issues. Overall feedback about the Community Partnership Program was positive, and left Community Partners wanting more consistent and ongoing partnership opportunities with SCAG in the future.

### **Elected Official Briefings**

To meet the SB 375 requirement to conduct informational meetings to board of supervisors and city councils, SCAG held 15 elected official briefings. SCAG benefited from the collaboration with County Transportation Commissions (CTC) and Councils of Governments (COG) across the region who allowed SCAG time on existing agendas to reach an audience of gathered elected officials. Several CTCs, COGs and other local governments provided SCAG with meeting space. The purpose of these briefings was to inform attendees about the contents of the draft plan and invite their review and comment. Comments made to SCAG staff during these meetings are being considered for any

relevant revisions to the final proposed Connect SoCal 2024. The dates and locations of each briefing, by county, are listed below:

Imperial County

- November 8, 2023 Imperial County Transportation Commission
- November 14 2023 Imperial County Transportation Commission

Los Angeles County

- November 15, 2023 LA Metro Planning & Programming Committee
- November 16, 2023 San Gabriel Valley Council of Governments
- November 16, 2023 South Bay Cities Council of Governments
- November 28, 2023 City of Santa Clarita
- December 6, 2023 Gateway Council of Governments
- December 14, 2023 Westside Cities Council of Governments

Orange County

- November 27, 2023 Orange County Transportation Authority
- November 30, 2023 Orange County Council of Governments

Riverside County

- November 6, 2023 Coachella Valley Association of Governments
- November 8, 2023 Riverside County Transportation Commission

San Bernardino County

- November 14, 2023 Town of Apple Valley
- December 6, 2023 San Bernardino County Transportation Authority

Ventura County

- November 3, 2023 Ventura County Transportation Commission

**Next Steps**

Staff is currently in the process of reviewing all comments received during the comment period, and determining how to address. In March 2024, SCAG will hold a Joint Policy Committee meeting to present a summary of public comments and proposed revisions to Connect SoCal 2024. At that time, staff will seek the committee's recommendation that the Regional Council approval the final Plan in April 2024.

**FISCAL IMPACT:**

Work associated with this item is included in the FY 23-24 Overall Work Program (310.4874.01: Connect SoCal Development).



**AGENDA ITEM 4**  
**REPORT**

Southern California Association of Governments  
February 1, 2024

**To:** Community Economic & Human Development Committee (CEHD)  
Energy & Environment Committee (EEC)  
Transportation Committee (TC)

**EXECUTIVE DIRECTOR'S  
APPROVAL**

**From:** Karen Calderon, Senior Regional Planner  
(213) 236-1983, calderon@scag.ca.gov

**Subject:** Connect SoCal 2024 Program Environmental Impact Report (PEIR) (State Clearinghouse No.: 2022100337): Status Update on Additional Stakeholder Outreach and Preliminary Outline for the Proposed Final PEIR

**RECOMMENDED ACTION FOR EEC, CEHD, AND TC:**

Receive and File

**STRATEGIC PLAN:**

This item supports the following Strategic Plan Goal 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy.

**EXECUTIVE SUMMARY:**

*At the November 2, 2023 meeting, the Regional Council (RC) authorized the release of the Connect SoCal 2024 Draft PEIR (2024 Draft PEIR) for a 65-day public review and comment period beginning November 9, 2023, and ending January 12, 2024 (separate from the 72-day public review and comment period for the Draft Connect SoCal 2024, which began on November 2, 2023 and ended on the same day). This staff report is to provide a status update on additional stakeholder outreach efforts since the November 2023 meeting and on the Proposed Final PEIR development progress, including a preliminary outline of draft contents and a schedule of key milestones for the Proposed Final PEIR. Staff plans to continue to provide updates on the progress of the Proposed Final PEIR development, such that a recommendation to certify the Final PEIR can be made to the RC currently planned for March/April 2024.*

**BACKGROUND AND CEQA BASIS FOR A PEIR**

As required by federal and state law, SCAG prepares a long-range Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) every four years which provides a vision for integrating land use and transportation for increased mobility and more sustainable development. SCAG’s 2024-2050 RTP/SCS, Connect SoCal 2024, or Plan incorporates important updates of fundamental data, enhanced strategies and investments based on and intended to strengthen the last plan adopted for all purposes by SCAG RC in September 2020.

California Environmental Quality Act (CEQA), codified at Public Resource Code (PRC) Section 21000 et seq., and its implementing regulations, CEQA Guidelines, found at California Code Regulations Title 14, Chapter 3, Section 15000 et seq., apply to governmental action (CEQA Guidelines Section 15002(b)). As the CEQA Lead Agency for Connect SoCal 2024, SCAG must evaluate the potential environmental impacts from the proposed governmental action and disclose the evaluation in a CEQA document that is appropriate for the proposed governmental action. Program EIR is the appropriate type of EIR for the long-range, regional Plan.

The PEIR serves as a first-tier, programmatic document and provides a region-wide assessment of potential environmental impacts of Connect SoCal 2024, including direct and indirect impacts, growth-inducing impacts, and cumulative impacts. Although individual transportation projects are primarily (conceptually) identified in the Plan, the PEIR analyzes potential environmental impacts of both transportation projects and integrated land use patterns from a regional perspective and is programmatic in nature.

Pursuant to CEQA Guidelines Section 15126.4, the 2024 PEIR considers and discusses feasible mitigation measures that are capable of avoiding or reducing the significant adverse environmental impacts of the Plan. Pursuant to CEQA Guidelines Section 15126.6, the PEIR describes a range of reasonable alternatives to the Plan that could feasibly avoid or substantially lessen any significant adverse environmental impacts of the Plan while attaining most of the basic Plan objectives.

At the November 2, 2023 meetings, EEC recommended to the RC and then the RC authorized the release of the 2024 Draft PEIR for a 65-day CEQA public review and comment period beginning November 9, 2023, and directed staff to carry out administrative tasks for the 2024 Draft PEIR public review. SCAG released the 2024 Draft PEIR from November 9, 2023 through January 12, 2024 and published a copy of the 2024 Draft PEIR, including technical appendices and public CEQA notice in English, Spanish, Chinese, Korean, and Vietnamese on SCAG's website at: <https://scag.ca.gov/peir>.

**Additional 2024 PEIR Stakeholder Outreach since November 2023 EEC and RC Meetings:**

As previously reported at the November 2023 EEC and RC meetings, the 2024 PEIR team (comprising SCAG staff and consultants) has complied with all applicable public and tribal outreach requirements, pursuant to CEQA and Assembly Bill (AB 52), for the 2024 Draft PEIR. In addition to the required outreach efforts, the PEIR team has—and will continue to—engage with stakeholders, including representatives of tribal governments, throughout the 2024 PEIR development by providing periodic PEIR status updates. Stakeholder outreach efforts for the 2024 PEIR, to date, are presented in Table 1, below, and will continue to be updated as appropriate.

**Table 1: 2024 PEIR Stakeholder Outreach Activities (as of February 2024)**

Date	Forum	Stakeholder Representatives	Topics Covered
March 3, 2022	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	Connect SoCal 2024 PEIR 101
September 1, 2022	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	CEQA Initiation for the Connect SoCal 2024 PEIR
October 6, 2022	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	Request to Release Connect SoCal 2024 PEIR Notice of Preparation
October 10, 2022	Global & Land Use Economic Counsel	Business; General Public	Release of the NOP
October 31, 2022	Aviation Technical Advisory Committee	Aviation and Airports	Status Update on the 2024 PEIR Aviation Technical Report
November 9, 2022	2024 Draft PEIR NOP Scoping Meeting #1	Business; Environmental; Public Agencies; General Public	Connect SoCal 2024 Project and 2024 PEIR Overview
November 10, 2022	2024 Draft PEIR NOP Scoping Meeting #2	Business; Environmental; Public Agencies; General Public	Connect SoCal 2024 Project and 2024 PEIR Overview
January 4, 2023	Western Riverside County Regional Conservation Authority / Riverside County Transportation Commission	Public Agencies	Conservation
February 2, 2023	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	2024 PEIR Status Update on NOP Comments
February 16, 2023	Joint Sustainable and Resilient Communities/ Natural and Farm Lands Conservation	Environmental; General Public	2024 PEIR Overview & Status Update, Recap on NOP Comments, and Preliminary Approach to Biological Resources Impact Analysis
March 8, 2023	South Coast Air Quality Management District	Air Districts	2024 PEIR Overview, Preliminary Technical Methodology for Air Quality and GHG Impacts Analyses
March 13, 2023	City of Riverside	Public Agencies	Transportation Impacts Analysis
March 14, 2023	Ventura County Air Pollution Control District	Air Districts	2024 PEIR Overview, Preliminary Technical Methodology for Air Quality and GHG Impacts Analyses
March 16, 2023	Technical Working Group	Business; Environmental; Public Agencies; General Public	2024 PEIR Status Update and Major Components
April 3, 2023	Global & Land Use Economic Counsel	Business; General Public	2024 PEIR Status Update
April 6, 2023	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	Status Update on Additional Stakeholder Outreach and



			Highlights of Preliminary Approaches to Major Components
April 27, 2023	Ventura County Air Pollution Control District	Air Districts	2024 PEIR Overview, Preliminary Technical Methodology for Air Quality and GHG Impacts Analyses
May 24, 2023	South Coast Air Quality Management District	Air Districts	2024 PEIR Overview and Equity
June 23, 2023	South Coast Air Quality Management District	Air Districts	2024 PEIR Overview and Equity
July 6, 2023	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	Status Update on Additional Stakeholder Outreach and Preliminary Outline of Draft Contents
July 18, 2023	Technical Working Group	Business; Environmental; Public Agencies; General Public	Preliminary Outline of Draft Contents
August 24, 2023	Joint Meeting of Sustainable and Resilient Communities / Natural and Farm Lands Conservation Working Groups	Elected Officials, Interested Stakeholders, General Public	Status Update on Major Outreach, Approaches to Major Components, and Outline of Draft Contents
September 7, 2023	Joint Regional Council and Policy Committee <sup>b</sup>	Elected Officials, Interested Stakeholders, General Public	CEQA Requirements and 2024 PEIR Status Update
September 21, 2023	Technical Working Group	Business; Environmental; Public Agencies; General Public	Status Update on Development, Major Components and Outline of Contents of the 2024 Draft PEIR
November 2, 2023	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	Recommendation that RC Authorize Release of 2024 Draft PEIR for public review and comments
November 2, 2023	Regional Council	Elected Officials, Interested Stakeholders, General Public	Consideration of EEC recommendation to Authorize Release of 2024 Draft PEIR for public review and comments
November 16, 2023	Technical Working Group	Business; Environmental; Public Agencies; General Public	Status Update on the Public Release of 2024 Draft PEIR and Method for Submitting Draft PEIR Comments



December 4, 2023	Connect SoCal 2024 Public Hearing 1	Interested Stakeholders; General Public <sup>c</sup>	Method for Submitting Draft PEIR Comments
December 5, 2023	Connect SoCal 2024 Public Hearing 2	Interested Stakeholders; General Public <sup>c</sup>	Method for Submitting Draft PEIR Comments
December 8, 2023	Connect SoCal 2024 Public Hearing 3	Interested Stakeholders; General Public <sup>c</sup>	Method for Submitting Draft PEIR Comments
December 13, 2023	Resilient & Sustainable Communities/Natural Farm Lands Conservation Working Group	Environmental; General Public	Overview of Major Components of 2024 Draft PEIR, CEQA Public Review and Comment Period, and Method for Submitting Draft PEIR Comments
December 15, 2023	South Coast Air Quality Management District	Air Districts	Overview of Draft Connect SoCal 2024 to assist in understanding of potential Plan’s environmental impacts analyzed in the 2024 Draft PEIR
January 10, 2024	South Coast Air Quality Management District	Air Districts	Overview of technical air quality analysis, modeling, and mitigation measures of 2024 Draft PEIR
February 1, 2024 <i>(today’s EEC meeting)</i>	Energy and Environment Committee	Elected Officials, Interested Stakeholders, General Public	Status Update on Additional 2024 PEIR Stakeholder Outreach and Preliminary Outline of Draft Contents for the 2024 Proposed Final PEIR

\*Notes: (a) updated in late October 2023. (b) The 2024 PEIR was highlighted and included in the staff report and presentation to the Joint Meeting of SCAG Regional Council and Policy Committees on September 7, 2023. (c) The 2024 PEIR public review process and method for how to provide CEQA comments on the 2024 PEIR was included in the presentation.

**Preliminary Outline of Draft Contents for the 2024 Proposed Final PEIR**

Pursuant to CEQA Guidelines Section 15132, a Final PEIR is required to include the following:

- The Draft PEIR or a revision of the draft
- Comments and recommendations received on the Draft PEIR either verbatim or in summary
- A list of persons, organizations, and public agencies commenting on the Draft PEIR
- The responses of the Lead Agency to significant environmental points raised in the review and consultation process

- Any other information added by the Lead Agency.

SCAG staff has prepared the following preliminary outline of the chapters to be included as part of the 2024 Proposed Final PEIR in compliance with the CEQA Guidelines.

- **Connect SoCal 2024 Draft PEIR:** This is comprised of an Executive Summary, seven chapters, and inclusive of technical appendices:
  - Executive Summary
  - Chapter 1.0 – Introduction
  - Chapter 2.0 – Project Description
  - Chapter 3.0 – Environmental Setting, Impacts, and Mitigation Measures
  - Chapter 4.0 – Alternatives
  - Chapter 5.0 – Other CEQA Considerations
  - Chapter 6.0 – List of Preparers
  - Chapter 7.0 - Glossary
  - 7 Technical Appendices supporting the 2024 Draft PEIR
- **Chapter 8.0 – Response to Comments:** This chapter will provide background information on the 2024 Final PEIR and include a list of all individuals, organizations, and public agencies that commented on the 2024 Draft PEIR. A copy of all public written comments received on the 2024 Draft PEIR will be included as an appendix. The chapter will include SCAG’s responses to all written public comments on the 2024 Draft PEIR. Responses may be presented as individual responses to unique comments or as Master Responses to recurring comments made by multiple commenters on similar topics. Plan-related comments included in PEIR comment letters will be reviewed but addressed separately as part of the Final Connect SoCal 2024. This chapter will include references that specify the location within the Final Connect SoCal 2024 document where responses to Plan-related comments can be viewed and downloaded.
- **Chapter 9.0 – Clarifications and Revisions:** This chapter will provide clarifications and revisions to the 2024 Draft PEIR in response to comments received on the Draft PEIR, changes to the Plan, or other staff-initiated revisions. Revisions will be made in “excerpt style” using strike out/underline format. In addition, this chapter will include a discussion of staff’s assessment as to if any and all of the corrections or additions to the 2024 Draft PEIR would necessitate and require recirculation of the 2024 Draft PEIR prior to certification of the Final PEIR pursuant to CEQA Guidelines Section 15088.5.

In addition, staff will prepare the following three exhibits associated with the proposed Final PEIR.

- **Exhibit A – Mitigation Monitoring and Reporting Program:** The Mitigation Monitoring and Reporting Program (MMRP) is a standalone document that is prepared in compliance with the

requirements of Section 21081.6 of the California Public Resources Code and CEQA Guidelines Section 15091(d) and Section 15097. The MMRP applies to the goals, policies, and strategies articulated in the Plan and related mitigation measures to be implemented by SCAG, and project-level mitigation measures which are within responsibility, authority, and/or jurisdiction serving as CEQA lead agency in subsequent project- and site- specific design, CEQA review, and decision-making processes.

- **Exhibit B – Findings of Fact:** The Findings of Fact is prepared in compliance with the requirements of Section 21081.6 of the California Public Resources Code and CEQA Guidelines Section 15091 for each significant effect of the Plan. It describes facts, discussions, and conclusions reached in the environmental review relative to impacts, mitigation measures, and selection of an alternative. The Findings of Fact will also specify the location and custodian of the 2024 PEIR documents or other material which constitute the record of the proceedings upon which the RC’s decision is based. After considering the Final PEIR and in conjunction with Findings made under CEQA Guidelines Section 15091, the RC may decide whether or how to approve or carry out the Plan.
- **Exhibit C – A Statement of Overriding Considerations:** The occurrence of significant unavoidable adverse environmental impacts as identified in the Final PEIR requires the preparation of a Statement of Overriding Considerations in compliance with Section 21081 of Public Resources Code and CEQA Guidelines Section 15093. The Statement of Overriding Considerations explains why SCAG, as the CEQA Lead Agency for the Plan, is willing to accept the significant unavoidable adverse environmental impacts. It describes the economic, legal, social, technological, and other benefits of the Plan, including region-wide or statewide environmental benefits that outweigh the significant unavoidable adverse environmental impacts. It “reflect[s] the ultimate balancing of competing public objectives when the agency decides to approve a project that will cause one or more significant effects on the environment” (CEQA Guidelines Section 15021 (d)).

#### **Next Steps:**

Numerous comments have been received on the 2024 Draft PEIR. At the time of the February 1, 2024 EEC meeting, SCAG staff is reviewing and preparing responses to these comments. At the March 7, 2024 EEC or Joint Policy Committees (JPC) meeting, staff plans to provide an overview of comments on the 2024 Draft PEIR and seek input from the EEC or JPC to ensure that comments will be addressed appropriately. Since SCAG staff intends to seek RC certification of the 2024 Proposed Final PEIR at its April 4, 2024 meeting, SCAG must provide a written proposed response to comments made by public agencies at least 10 days prior to the intended April 4, 2024 certification date (CEQA Guidelines Section 15088). Dates of key milestones for EEC and RC review and action on the 2024 Final PEIR are shown in Table 2, below.

**Table 2: Key Milestones for EEC and RC on the 2024 Final PEIR**

Milestones	Dates (Expected)
65-day CEQA public review and comment period of the 2024 Draft PEIR.	January 12, 2024 (closed)
EEC Review of Additional Stakeholder Outreach Efforts Since the November 2, 2023 EEC and RC meetings and the 2024 Final PEIR Preliminary Outline of Draft Contents.	February 1, 2024 (this meeting)
EEC or Joint Policy Committees Review of an Overview of Public Comments on the 2024 Draft PEIR.	March 7, 2024 (tentative)
Posting of a Written Proposed Response to Comments Made by Public Agencies 10 Days Prior to the Intended April 4, 2024 Certification Date	March 25, 2024
EEC or Joint Policy Committees Recommendation to RC and then RC Consideration of Certification of the Proposed Final PEIR for Connect SoCal 2024*.	March/April 2024 (tentative)

Note: \*Prior to approving Connect SoCal 2024, the Final PEIR for Connect SoCal 2024 must first be certified by the RC (CEQA Guidelines Section 15090).

**FISCAL IMPACT:**

Work associated with this item is included in the current Fiscal Year 2023-2024 Overall Work Program (23-020.0161.04: Environmental Compliance, Coordination & Outreach).



**AGENDA ITEM 5**  
**REPORT**

Southern California Association of Governments  
February 1, 2024

**To:** Energy and Environment Committee (EEC)

EXECUTIVE DIRECTOR'S  
APPROVAL

**From:** Roland Ok, Planning Supervisor  
(213) 236-1819, ok@scag.ca.gov

**Subject:** Clean Technology Compendium

**RECOMMENDED ACTION:**

Information Only – No Action Required

**STRATEGIC PLAN:**

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians. 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy. 3: Be the foremost data information hub for the region.

**EXECUTIVE SUMMARY:**

*On April 6, 2023, SCAG's Regional Council adopted Resolution No. 23-654-5, formalizing SCAG's Clean Transportation Technology Policy. This policy provides SCAG with a framework to support the development, commercialization, and deployment of a zero or near zero-emission transportation system. The aim is to enhance air quality, reduce greenhouse gas (GHG) emissions, achieve sustainability goals, all while adopting a technology-neutral stance.*

*Included in Resolution No. 23-654-5 was the directive for the preparation of a Clean Transportation Technology Compendium. This compendium is designed to aid in the development of Connect SoCal 2024 and to offer decision-makers comprehensive information on various clean transportation technologies. With the assistance of ICF, SCAG has since finalized the Clean Technology Compendium, serving as a reference guide for local jurisdictions. The Clean Technology Compendium is available at: <https://scag.ca.gov/sites/main/files/file-attachments/23-3130-clean-technology-compendium-sep-2023.pdf?1698687619>*

*Sam Pournazeri, the Senior Director of Clean Transportation and Energy at ICF, will deliver a presentation outlining the key aspects of the Clean Technology Compendium.*

**BACKGROUND:**

As of 2022, mobile sources in the South Coast region were responsible for 81% of nitrogen oxides (NOx) emissions and 25% of fine particulate matter (PM2.5) emissions, contributing to substantial

public health and climate change issues, especially among vulnerable populations. Statewide, 38% of greenhouse gas (GHG) emissions is associated from mobile sources.<sup>1</sup> Currently the South Coast Air Basin (SCAB) is designated as an "extreme" ozone nonattainment area by the U.S. EPA's 2015 Ozone National Ambient Air Quality Standards (NAAQS), with a deadline to meet the standard by August 3, 2038. Additionally, the SCAB has not met the 1997 and 2008 Ozone NAAQS, with attainment deadlines in 2024 and 2032, respectively. Failure to meet these NAAQS would not only have negative public health impacts but could also trigger various federal sanctions, such as highway sanctions, which will impose adverse economic impacts on the region. Meeting the Federal NAAQS necessitates a reduction of 83% in NO<sub>x</sub> emissions by 2037.<sup>2</sup>

In recent years, California has established ambitious zero-emission vehicle (ZEV) targets through Executive Order N-79-20 and adopted several regulations such as Innovative Clean Transit (ICT), Advanced Clean Trucks (ACT), and Advanced Clean Cars (ACC) II to expedite the adoption of ZEVs and their necessary infrastructure across all transportation modes, with stringent targets for achieving 100% ZEV sales in various vehicle categories. The implementation of these strategies involves the collective efforts of numerous stakeholders, all working towards adopting and promoting zero-emission technologies to meet the state's ambitious environmental goals.

To align with state policies and support the strategies recommended in Connect SoCal 2020 and 2024, SCAG's Regional Council adopted Resolution No. 23-654-5 on April 6, 2023, establishing the Clean Transportation Technology Policy.<sup>3</sup> This policy equips SCAG with a framework to support the development, commercialization, and deployment of a zero or near zero-emission transportation system. It seeks to enhance air quality, reduce GHG emissions, and meet sustainability goals while maintaining a technology-neutral approach. Included in Resolution No. 23-654-5 was the directive for the preparation of a Clean Transportation Technology Compendium.

#### **PURPOSE OF THE CLEAN TECHNOLOGY COMPENDIUM:**

Investments in ZEV and Near Zero-Emission Vehicles (NZEV), along with associated infrastructure and products, require an understanding of clean technology options across diverse sectors. The clean transportation technologies landscape is broad and continuously evolving, differing in aspects such as readiness, cost, impact on air pollution and GHG emissions, infrastructure needs, and scalability. The Clean Technology Compendium provides a detailed overview of zero and near-zero emission transportation technologies, their charging and fueling infrastructure, and other supporting products, focusing on passenger, medium and heavy-duty vehicles, transit, and rail

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<sup>1</sup> Greenhouse Gas Inventory Data, CARB. Available at: <https://ww2.arb.ca.gov/ghg-inventory-data>

<sup>2</sup> 2022 State SIP Strategy, CARB. Available at: [https://ww2.arb.ca.gov/sites/default/files/2022-08/2022\\_State\\_SIP\\_Strategy.pdf](https://ww2.arb.ca.gov/sites/default/files/2022-08/2022_State_SIP_Strategy.pdf)

<sup>3</sup> Resolution No. 23-654-5. Available at: <https://scag.ca.gov/sites/main/files/file-attachments/eec040623fullpacket.pdf?1680210073> (Page 40)

sectors. It also identifies key characteristics, knowledge gaps, and strategies for clean technology deployment in Southern California.

The Compendium is intended to serve as a resource for technology users in both the public and private sectors during procurement and investment decision-making processes. Furthermore, it seeks to assist public agencies and local municipalities in creating policies that support the adoption of these technologies. The information within is aimed at enabling stakeholders to make informed decisions in line with sustainability goals. Although the Compendium seeks to be comprehensive, it mainly focuses on the overall technology landscape, not the specifics of individual vendor technologies. Given the variety in the market, stakeholders are encouraged to investigate the unique offerings of each vendor to ensure alignment with operational and logistical needs.

#### KEY FINDINGS:

Below is a summary of some of the challenges and barriers to adoption, and key recommendations to address them. Please refer to the Clean Technology Compendium for more details (<https://scag.ca.gov/sites/main/files/file-attachments/23-3130-clean-technology-compendium-sep-2023.pdf?1698687619>)

#### Challenges and Barriers to Adoption:

The barriers fall under five categories: cost, technology readiness, infrastructure, consumer knowledge, and regulatory support.

- **Cost:** High upfront costs of ZEV and NZEV impact their adoption, as they are notably more expensive than their conventional ICE counterparts, due to factors like research and development, specialized components, and regulatory compliance.
- **Technology Readiness:** Some clean technologies are in early development stages, lacking the reliability and performance of conventional options, limiting market acceptance.
- **Infrastructure:** Absence of sufficient charging and hydrogen refueling infrastructure forms a major adoption hurdle, demanding significant investment and coordination.
- **Consumer Knowledge:** Inadequate consumer awareness about ZEV and NZEV benefits, reliability, safety, and available supporting policies impedes demand.
- **Regulatory Support:** Inconsistent regulatory support, lack of purchasing incentives, and unclear permitting processes across jurisdictions hamper clean transportation sector growth.

#### Key Recommendations:

To overcome the barriers to the widespread adoption of zero and near-zero transportation technologies, the compendium presents a suite of recommendations. These include:

- **Targeted Incentive Programs:** Implement incentive mechanisms, such as purchase, infrastructure, access, and research and development (R&D) incentives, to decrease costs and spur clean transportation technology development.
- **Public Education & Outreach:** Execute awareness campaigns and events, providing information about clean technologies, government programs, and their environmental/economic impacts.
- **Building Codes:** Modify local building codes to facilitate ZEV and NZEV infrastructure development, like EV-ready parking and promoting green building codes.
- **Land Use & Zoning:** Update policies to encourage ZEV and NZEV adoption through strategies such as allocating public property for infrastructure development, amending zoning regulation to facilitate infrastructure deployment, and developer incentives for encouraging charging infrastructure buildout.
- **Public-Private-Partnership Models:** Employ public-private partnerships for funding, demonstration projects, joint R&D, and workforce development, combining resources and expertise to advance clean technology adoption.
- **Technical Assistance:** Provide local partners with technical assistance, involving informational resources, implementation strategies, and best practice sharing, to facilitate clean technology integration.
- **Workforce Development:** Collaborate with educational entities to form programs that nurture skills necessary for the ZEV and NZEV industry, involving curriculum development and student research funding.
- **Lead by Example:** Adopt ZEV technologies in government fleets, showcasing their efficacy and supporting the market for emerging technologies, while also setting regional goals and providing assistance to local jurisdictions.

## NEXT STEPS

### Connect SoCal 2024

The compendium acts as a foundational document for Draft Connect SoCal 2024, serving as a reference guide to assist with clean technology language formulation.

### Distribution

Staff will distribute the compendium to member jurisdictions, continuing coordination and prompting their respective staff to utilize this compendium as a reference guide during evaluations of clean technology potential within their individual jurisdictions.

### **FISCAL IMPACT:**

Funding for staff work on this issue is included in the FY24 Overall Work Program (OWP) Task 115.4912.01 Clean Technology Program.





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**ATTACHMENT(S):**

1. PowerPoint Presentation - Clean Technology Compendium

# Clean Transportation Technology Compendium

February 1, 2024

Energy and Environment Committee

[WWW.SCAG.CA.GOV](http://WWW.SCAG.CA.GOV)

## Clean Transportation Technology

- Clean transportation technology encompasses zero- and near-zero emission vehicles (ZEVs and NZEVs), related infrastructure, and their supporting products that minimize environmental impact throughout their life cycle.



## Project Goals & Objectives

- Laying out available zero- and near-zero emissions technologies.
- Provide information on each technology with respect to:
  - Emissions benefits
  - Technology readiness level
  - Status of implementation
  - Cost
  - Market conditions
  - Ability to scale

### Four Modes of Interest:

Light Duty Vehicles

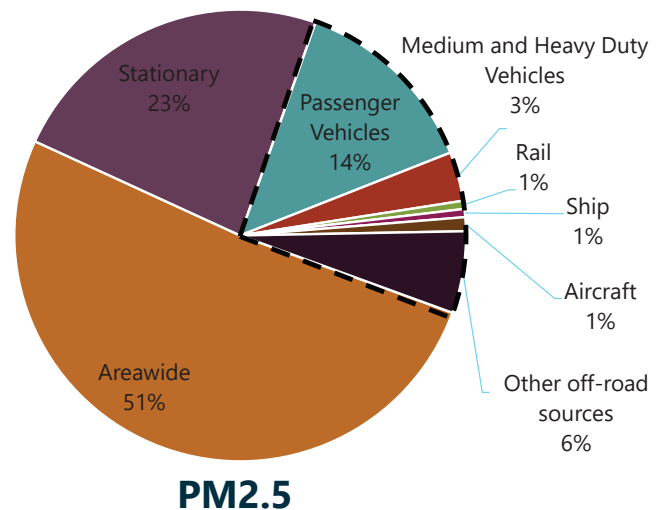
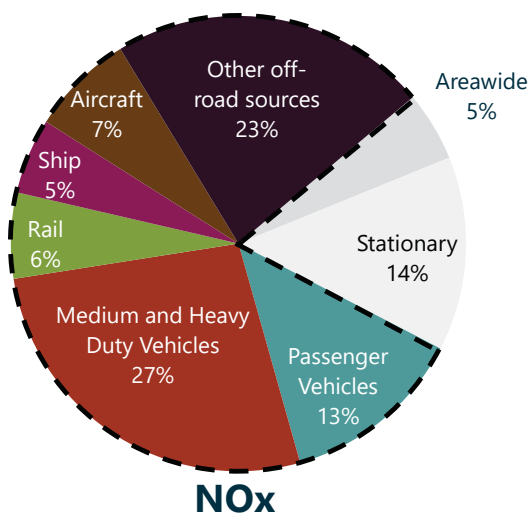
Medium & Heavy Duty Vehicles

Buses

Rail

## Mobile Sources Are Significant Contributor to Air Quality Issues in the South Coast Air Basin

- 81% of nitrogen oxides (NOx) emissions and 25% of fine particulate matter (PM2.5) emissions in the South Coast Air Basin



# California's Zero Emission Goals


 **100% ZEV sales** by 2035

Full transition to **ZEV short-haul/drayage trucks** by 2035 


Full transition to **ZEV buses & heavy-duty long-haul trucks** by 2045\*  

Full transition to **ZE off-road equipment** by 2035\*  \*where feasible

## Three Types of Technologies Considered



**Vehicles**



**Charging & Fueling Infrastructure**



**Supporting Products**



The diagram shows a power grid connected to a house, which is connected to an electric vehicle (EV) and a V2O Unit. The EV is labeled 'Electric vehicle' and 'High Voltage Battery'. The V2O Unit is labeled 'V2O Unit'.

# Technology Specifications



GHG Emissions Reduction



Criteria Air Pollutant Emissions Reductions



Range



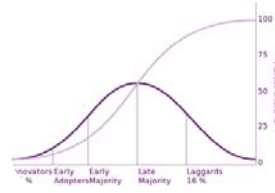
Cost (Capex, Opex)



Longevity



Technical Assistance



Technology Adoption



Total Cost of Ownership

# Tools



Desk Research



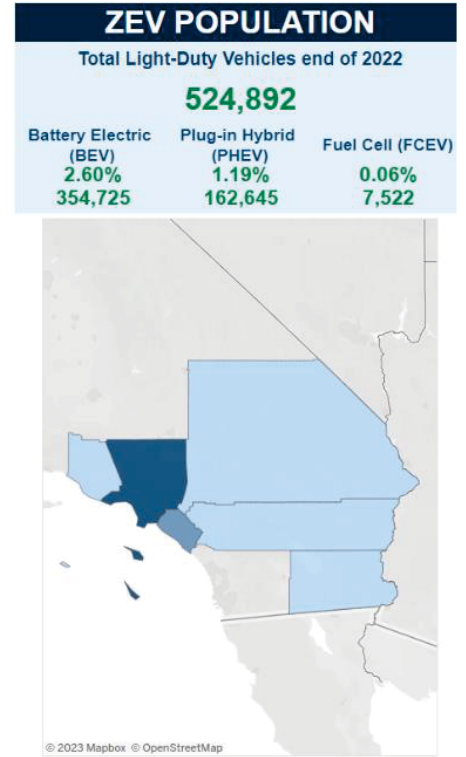
SCAG Clean Technology Survey



On-on-One Interview

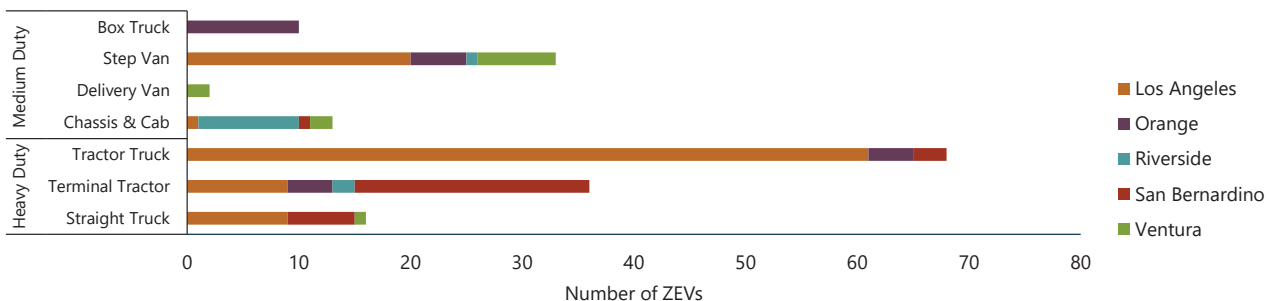
# Light Duty Vehicles

- In 2022, more than 175,000 light-duty ZEVs were sold in the SCAG region.
- As of December 2022, there were 50 BEV models, 51 PHEV models, and 3 FCEV models commercially available for sale.
- Current BEVs have EV ranges of 100 – 500 miles.
- Despite a higher upfront cost of ~\$18,000, electric cars and SUVs offer savings over 15 years due to reduced operational and maintenance expenses



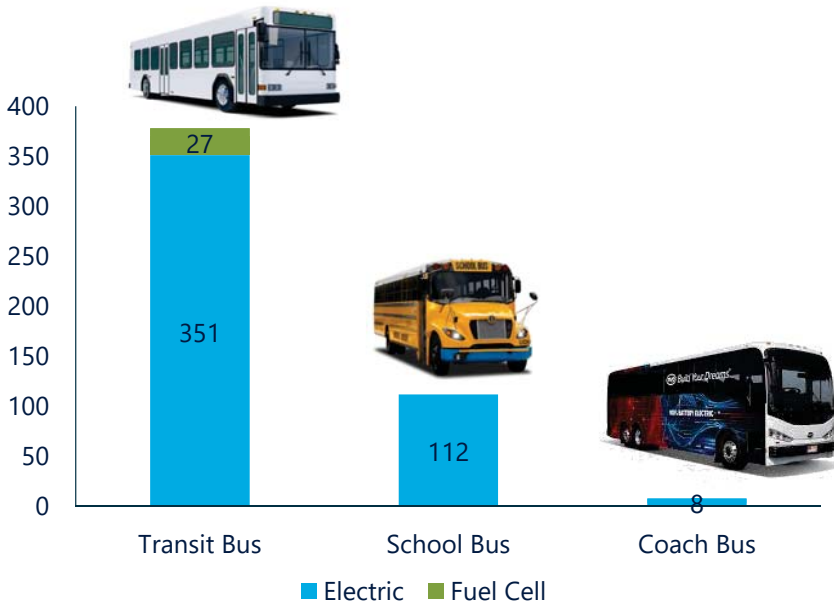
# Zero Emission Medium & Heavy-Duty Vehicles (MHDV)

- Currently 134 models of zero emission MHDVs available in North American market of which 9 of them are FCEVs and the rest are BEVs
- Only 178 Zero Emission MHDVs in region
- Capital cost significantly higher than their counterpart diesel (~3x)
- Up to 500 miles EV range



## Buses

Number of ZEBs in SCAG Region



# Almost 500 ZEBs in SCAG

- Buses constitute the majority of heavy-duty ZEVs in the SCAG region, with the most being transit buses, followed by school buses and coach buses
- Significantly higher capital cost (~\$1M vs. \$500k for diesel)
- Up to 350 miles range

## Rail

- Zero-emission technologies in the rail sector are still in early stages
- Metrolink plans to achieve widespread electrification across its rail fleet fully by 2028, starting with the Antelope Valley Line in 2025
- San Bernardino County Transportation Authority plans to debut its first battery electric and hydrogen locomotives in 2024
- BNSF Railway will repower a diesel line-haul locomotive with a zero-emission battery-powered locomotive, reducing diesel emissions in disadvantaged communities
- California Department of Transportation aims to achieve a fully zero-emission intercity rail by 2035

METROLINK

Caltrans

AMTRAK

sb cta San Bernardino County Transportation Authority

BNSF RAILWAY



# Different Types of Charging Infrastructure



Level 2 Charging Stations



Direct Current Fast Chargers (DCFC)



Pantograph



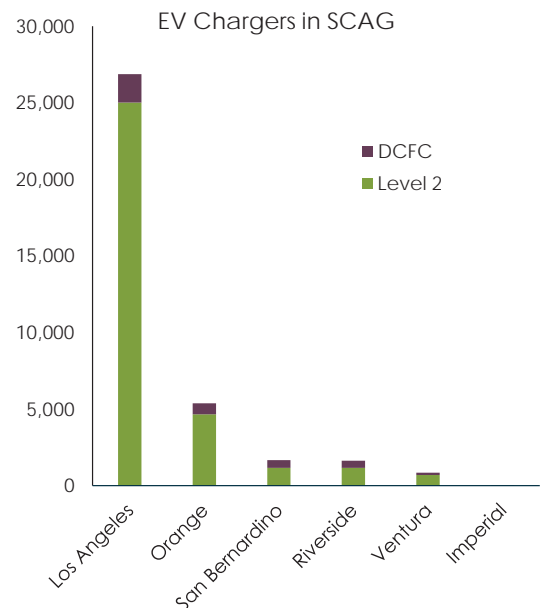
Wireless



Canopy Charging

## Charging Infrastructure

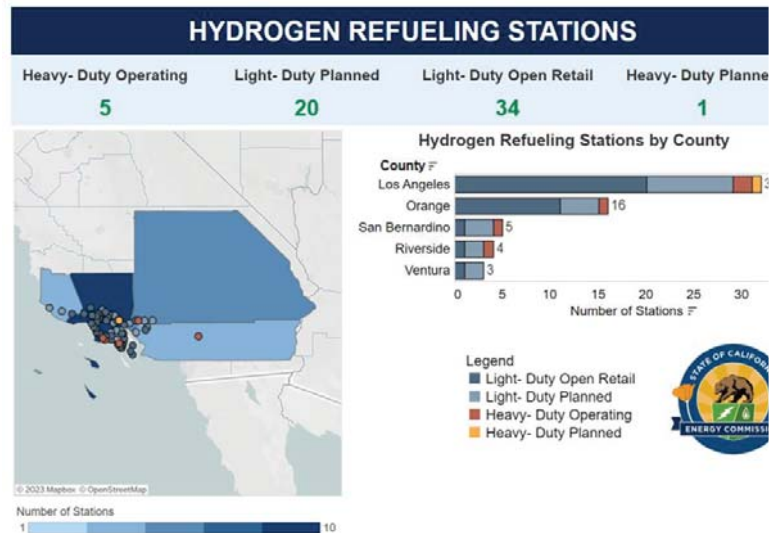
- EV charging infrastructure in SCAG has made progress, but more growth is needed to support ZEVs
- Approx. 3,700 DC fast chargers and 33,000 level 2 chargers in the region
- The AB 2127 report estimates that by 2035, 2 million charging stations will be needed in California (MUD + Public), with 1 million in the SCAG region alone.
- Cost for charging infrastructure varies from \$2,500 for L2 chargers to \$500k for 800 kW chargers





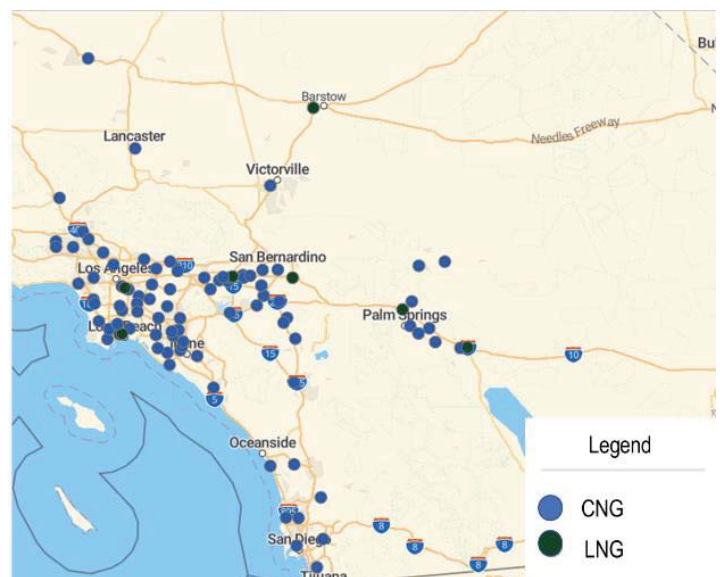
## Hydrogen Fueling Infrastructure

- Southern California has a significant network of hydrogen fueling stations
- SCAG region has 39 operating hydrogen fueling stations with 21 being planned to open soon
- 5 of these operating hydrogen station are for heavy duty vehicles
- A typical H2 station cost between \$4 – \$8M



## Natural Gas

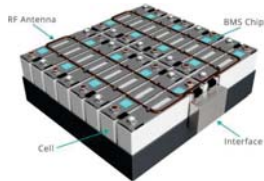
- Natural gas fueling infrastructure is spread relatively evenly across four of the six counties within the region.
- Los Angeles has the most natural gas stations with 34.
- A typical large station (1,500+ GGE per day) cost around \$1.2M – \$1.8M



# Supporting Products



Battery Energy Storage



Battery Management System



Vehicle to Grid/Building



Charging Management Solution



Fleet Telematics

# Regional Adoption Barriers

- High upfront cost of vehicles
- Difficulties to comply with various regulations and standards.

Cost



- Limited model availability
- Charging time and duty cycles
- Industry sustainability and business profitability

Technology Readiness



- Insufficient public ZEV infrastructure
- Limited space for depot charging
- Infrastructure and real estate constraints

Infrastructure and Fueling Access



- Limited knowledge of new technology and incentives
- Lack of technology confidence

Consumer Awareness



- Lack of vehicle and equipment performance standards
- Inconsistent infrastructure design and standard protocols
- Limited incentives and funding support
- Permitting delays

Regulatory Support



# Policy Gaps



## Lack of Affordability for Low- & Moderate-Income Communities

The average cost for a passenger ZEV is \$18,000 more than that of an average ICE vehicle



## Lack of Investment in Charging & Fueling Infrastructure

To bridge the current infrastructure gap, from 2023 to 2030, there's a need to install approximately 3,000 chargers weekly for light-duty vehicles and 430 chargers for heavy-duty vehicles statewide

# A Suite of Strategies Needed



Targeted Incentive Programs



Public Education and Community Outreach



Building Codes



Land Use & Zoning



Promote Public-Private Partnership



Technical Assistance



Workforce Development



Lead by Example



# THANK YOU!

For more information, please visit:

[scag.ca.gov](http://scag.ca.gov)



**AGENDA ITEM 6**  
**REPORT**

Southern California Association of Governments  
February 1, 2024

**To:** Energy & Environment Committee (EEC)

**EXECUTIVE DIRECTOR'S  
APPROVAL**

**From:** Kimberly Clark, Planning Supervisor  
(213) 236-1844, clark@scag.ca.gov

**Subject:** Water Action Resolution White Paper Update

**RECOMMENDED ACTION:**

Information Only – No Action Required

**STRATEGIC PLAN:**

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians.

**EXECUTIVE SUMMARY:**

*On October 6, 2022, the Regional Council (RC) unanimously adopted the Water Action Resolution (Resolution No. 22-647-3) affirming the drought and water shortage emergency in Southern California and called on local and regional partners to join together to adopt an “all of the above” approach to address the water challenges in the SCAG region. The Resolution further affirmed a commitment to support implementing agencies plan for reduced water use; improve water conservation, reuse, and efficiency; enhance water systems’ health and resilience; and support investments in sustainable water infrastructure, supply and storage, and conservation practices that support the region’s economic and population growth and foster planning for the region’s housing needs identified in Connect SoCal 2020.*

*This report provides an update on next steps for producing a white paper that will explore the landscape of agencies, community-based organizations, and other actors in the water management sector to inform SCAG’s potential role in promoting water sustainability for future growth in the Southern California region.*

**BACKGROUND:**

Clean, safe, affordable, and reliable water supply is central to Southern California’s people, economy, and natural systems and is necessary to support the region’s projected growth. In an effort to support partners in tackling the region’s deepening water crisis, SCAG’s Regional Council unanimously adopted a Water Action Resolution in October 2022 to reduce water use; improve water conservation, reuse, and efficiency; enhance water systems’ health and resilience; pursue and potentially implement new water supply and storage opportunities; and support investments in

water infrastructure and conservation practices that support the region's economic and population growth and fosters planning for the region's housing needs.

This Resolution called upon SCAG to improve water sustainability with several actions:

1. Support for best practices in resource conservation as well as an integrated planning approach to help local jurisdictions meet housing production needs in a drier environment;
2. Continuation of work with local jurisdictions to encourage planning for context sensitive infill, multifamily, and master planned community housing development to reduce per capita water consumption rates;
3. Coordinate with local jurisdictions, water agencies and organizations, the State, and other stakeholders, including social and environmental justice organizations, housing and business groups, and public health organizations, to foster adoption of alternative groundwater recharge technologies, such as permeable pavements, surface infiltration, and well injection systems, and best practices to increase and maintain a sustainable water supply for the region;
4. Explore opportunities to support implementation of green infrastructure, greywater usage systems and policy, including the development of model ordinances and training and education programs, as well as urban cooling infrastructure with a focus on improving groundwater recharge and reducing water usage in urban areas; and
5. Prepare a white paper on the state of water in the region that addresses multiple sectors; addresses issues related to water acquisition, storage, supply, demand and quality; identifies challenges and opportunities to support sustainable and resilient regional development as well as local jurisdictions in developing and implementing water planning efforts in an increasingly arid environment; explores the feasibility and cost-effectiveness of a wide range of strategies under an all-of-the-above approach to addressing the region's water challenges; and includes recommendations for practical ways to support implementing agencies.

For Item No. 5, SCAG is preparing a White Paper on the state of water in the region that addresses multiple sectors; addresses issues related to water acquisition, storage, supply, demand and quality; identifies challenges and opportunities to support sustainable and resilient regional development as well as local jurisdictions in developing and implementing water planning efforts in an increasingly arid environment; explores the feasibility and cost-effectiveness of a wide range of strategies to address the region's water challenges; and includes recommendations for practical ways to support implementing agencies.

This White Paper will be conducted in two phases:

- Phase One will involve research, stakeholder interviews, and a landscape analysis of water management practices and actors impacting Southern California, and make recommendations on SCAG's potential role to help address water issues regionally; and
- Phase Two will focus on identifying challenges and opportunities to support sustainable and resilient development, and address issues related to water acquisition, storage, supply, demand and quality. Analysis on opportunities will identify the feasibility and cost-effectiveness of a wide range of strategies to address the region's water challenges within SCAG's role, including recommendations for practical ways to support implementing agencies.

Phase One is anticipated to begin in March of 2024 and culminate in February of 2025. SCAG is conducting a request for projects (RFP) to attain a consultant for this work.

Deliverables for this effort will include:

- Stakeholder Mapping of the water management landscape;
- Stakeholder Interviews to identify the state of water management and emerging issues related to water management in the region that addresses needs for multiple sectors – including agriculture, manufacturing, tourism and recreation, construction and development, logistics and supply chain, energy, and mining, amongst others. Interviews are anticipated to include representatives from municipal and other water purveyors, water wholesalers, flood control districts, sanitation districts, state agencies, federal agencies, conservation entities, environmental justice organizations, and community-based organizations amongst others;
- Current and Emerging Issues Assessment to identify and analyze new and evolving challenges that may affect the sustainable management and use of water resources in the SCAG region related to water supply and storage constraints, water quality and pollution, climate change impacts, water rights governance, policy limitations, changing regulator and funding considerations, technological advancements, socio-economic considerations (e.g. equity, population growth, housing demand), as well as land use, and changing economic conditions;
- Water Data Landscape Analysis to assess the availability and quality of data related to water resources, water demand, water quality, hydrological conditions, infrastructure, and other relevant information, and identify any data gaps prevalent within low-income communities of color; and

- Recommendations on SCAG’s Role in the Water Management Ecosystem to help address current and emerging issues relating to the sustainable management and use of water resource in the Southern California Region within the existing water management landscape, including how SCAG can support entities within the water management ecosystem to address historic disinvestment, underinvestment, and equity disparities for low-income communities of color.

Phase Two is anticipated to commence in summer 2025 and will also involve a consultant to complete the work. Findings from both phases will be presented individually to the Energy & Environment Committee (EEC) after the completion of each phase and, if recommended, will be presented to the Regional Council.

This work will also address the directive of Regional Council included in the Climate Action Resolution to “develop programs and outreach strategies to support near-term adaptation to address regionally significant vulnerabilities in the region and long-term regional resilience planning”.

**FISCAL IMPACT:**

Work for this effort is funded in SCAG’s Fiscal Year 2023-2024 Overall Work Program (OWP) under project 065-4092.01 (Adaptation Analysis) and project 290-4914.01 (Land Use Alternatives Development).

**ATTACHMENT(S):**

1. PowerPoint Presentation - Water Action Resolution Update & White Paper





# Water Action Resolution Update & White Paper

SCAG Energy & Environment Committee  
February 1, 2024

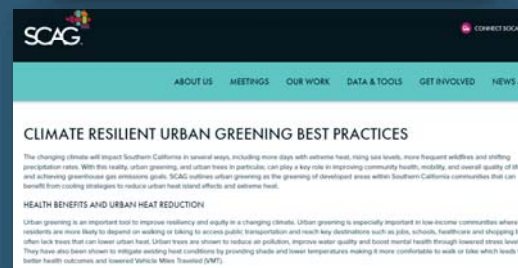
[WWW.SCAG.CA.GOV](http://WWW.SCAG.CA.GOV)

## Water Action Resolution

- Regional Council adopted the **Water Action Resolution** that directed SCAG to:
  - Help local jurisdictions **meet housing production needs** in a drier environment;
  - Foster adoption of **alternative groundwater recharge** technologies;
  - Support implementation of **green infrastructure, greywater usage systems, urban cooling programs**; and,
  - Prepare a **white paper** on the state of water in the region that addresses multiple sectors;

# Water Action Resolution Updates

- Help local jurisdictions **meet housing production needs** in a drier environment;
- Foster adoption of **alternative groundwater recharge** technologies; and,
- Support implementation of **green infrastructure, greywater usage systems, urban cooling programs**



## Water Action Resolution White Paper

- **Phase One** will involve research, stakeholder interviews, and a landscape analysis of water management practices and actors impacting Southern California, and make recommendations on SCAG’s potential role to help address water issues regionally
  - Water Management Stakeholder Mapping
  - Multiple Sector & Equity Stakeholder Interviews
  - Current and Emerging Issues Assessment for Water Management
  - Water Data Landscape Analysis
  - Recommendations on SCAG’s Role in Water Management Ecosystem

**Timeline: Winter 2024 – Winter 2025**

# Water Action Resolution White Paper

- **Phase Two** will focus on identifying challenges and opportunities to support sustainable and resilient development, and address issues related to water acquisition, storage, supply, demand and quality. Analysis on opportunities will identify the feasibility and cost-effectiveness of a wide range of strategies to address the region's water challenges within SCAG's role, including recommendations for practical ways to support implementing agencies
  - Sustainable Development Strategies & Approaches
  - Case Studies
  - Water Resilience Strategies for Future Growth
  - White Paper with Recommendations
  - Water Resilience Forum

**Timeline: Summer 2025 – Winter 2027**



## THANK YOU

Kim Clark, Planning Supervisor  
Sustainable & Resilient Development  
clark@scag.ca.gov



**AGENDA ITEM 8**  
**REPORT**

Southern California Association of Governments  
February 1, 2024

**To:** Energy & Environment Committee (EEC)

**EXECUTIVE DIRECTOR'S  
APPROVAL**

**From:** Hina Chanchlani, Associate Regional Planner  
213-236-1829, chanchlani@scag.ca.gov

**Subject:** Highways to Boulevards Regional Study

**RECOMMENDED ACTION:**

Information Only – No Action Required

**STRATEGIC PLAN:**

This item supports the following Strategic Plan Goal 1: Produce innovative solutions that improve the quality of life for Southern Californians. 2: Advance Southern California’s policy interests and planning priorities through regional, statewide, and national engagement and advocacy.

**EXECUTIVE SUMMARY:**

*On November 2, 2023, the SCAG Regional Council authorized staff to accept Community Project Funding/Congressionally Directed Spending grant funds to support SCAG’s Highways to Boulevards Regional Study. The Study will identify opportunities to reconnect communities by removing, retrofitting, or mitigating transportation facilities such as highways or railways that create barriers to community connectivity, and further Connect SoCal’s vision for a more resilient and equitable future. SCAG anticipates engaging stakeholders from across the region from November 2023 through April 2025. Through the Study, SCAG will support local jurisdictions by positioning the region to compete for Federal Reconnecting Communities and Neighborhoods Grant funds and supporting implementation through the development of a best practices guide.*

**BACKGROUND:**

Southern California’s highways and arterials system plays a significant and vital role in the overall transportation network in the SCAG region. The region’s highways and arterials system has approximately 23,000 centerline miles or 73,000 lane miles, on which the region’s residents often experience significant congestion. A substantial portion of the highway network is the result of 20th century major expansions in transportation infrastructure that were motivated by a stimulus of federal funding. In 1911, the newly established California Highway Commission implemented federal policy direction toward the creation of the Interstate Highway System, which included the 1921 and 1944 Federal Aid Highway Acts. As described in SCAG’s *Racial Equity Baseline Conditions*

*Report*,<sup>1</sup> the Commission determined project locations, and both state and local officials routed new freeways through many existing communities of color, displacing thousands of households through eminent domain. Much of this freeway construction was in service of a suburban housing boom that was segregationist. Racist policies and decisions also influenced the siting of other types of transportation infrastructure, such as commuter railways and the delivery of transit services. This transportation infrastructure helped reinforce divides, constrain growth, and physically isolate communities.<sup>2</sup>

Many of these past investments in transportation projects led to a rapid expansion of freeways, which resulted in physical barriers and divided communities and amplified racial inequities among the region's most vulnerable populations. Issues persist to this day.<sup>3</sup> Many of these communities experience higher than average transit ridership and lower than average vehicle ownership, and yet the transportation systems that serve them are often largely focused on motor vehicle throughput. Furthermore, these communities often experience harmful environmental impacts from roadway usage and restricted access to opportunities and economic growth. They also experience higher than average rates of transportation collisions involving vulnerable pedestrians and bicyclists.<sup>4</sup>

With these historical and enduring issues in mind, SCAG procured the services of Arup (consultant) and Here LA and Nelson Nygard (sub-consultants) to conduct the Highways to Boulevards Regional Study, which kicked off in November 2023 and is expected to conclude in April 2025.

The Study's overall goals include:

- Identifying opportunities to reconnect communities by removing, retrofitting, or mitigating transportation facilities such as highways or railways that create barriers to community connectivity including to mobility, access, or economic development;
- Offering a path for communities to reknit by removing, retrofitting, or mitigating transportation facilities so that what remains is a better fit for the context of their surroundings and serves all people;
- Providing a framework to identify and evaluate potential transportation facilities to reconnect communities for performance improvements to provide more multi-modal travel options;
- Focusing on areas that intersect with Priority Equity Communities;
- Preserving local communities and creating opportunities for safer and healthier communities; and

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<sup>1</sup> <https://scag.ca.gov/post/racial-equity-baseline-conditions-report>

<sup>2</sup> DFID (2013), *Social Dimensions of Transport – A Resource for Social Impact Appraisals*, UK Dept. for International Development (<https://bit.ly/2QKouwp>); at <http://tinyurl.com/o3mvbpe>.

<sup>3</sup> CNU (2019), *Freeways Without Futures*, Congress for New Urbanism ([www.cnu.org](http://www.cnu.org)); at [www.cnu.org/highwaysboulevards/freeways-without-futures/2019](http://www.cnu.org/highwaysboulevards/freeways-without-futures/2019).

<sup>4</sup> Samikchhya Bhusal, Evelyn Blumenberg and Madeline Brozen (2021), *Access to Opportunities Primer*, UCLA Institute of Transportation Studies ([www.its.ucla.edu](http://www.its.ucla.edu)); at <https://bit.ly/3F93EQC>.

- Positioning the region to compete for future federal funding and eventual implementation.

Work on the Study will include:

- Reviewing existing conditions and all ongoing highways to boulevards, freeway caps, and railroad conversion efforts in the region;
- Establishing a framework and a set of metrics for the identification of transportation facilities to reconnect communities;
- Implementing a robust and meaningful engagement strategy;
- Identifying and evaluating projects in the region that are potentially viable candidates for future improvements for reconnecting with communities, particularly those intersecting with Priority Equity Communities;
- Developing conceptual designs for a subset of projects; and
- Creating a guide to support jurisdictions seeking to mitigate the negative impacts of transportation facility bifurcation.

The Study will further SCAG’s regional transportation goals and strategies, including those outlined in Connect SoCal. The Study also aligns with Connect SoCal’s goals of improving mobility, accessibility, reliability, and travel safety. Staff anticipates that the results of this Study will help the region to compete for additional funding going forward, including the Bipartisan Infrastructure Law (BIL) Reconnecting Communities Pilot (RCP) discretionary grant program, which provides \$1 billion supporting planning, technical assistance, and construction through fiscal year 2026. **Table 1** is the Summary of key tasks and deliverables for the Study.

Table 1: Study Tasks and Key Deliverables

Task	Deliverable	Timeframe
Task 1 Project Management	<ul style="list-style-type: none"> <li>• Project Management Plan (PMP)</li> </ul>	Nov 2023 - April 2025
Task 2 Stakeholder Engagement	<ul style="list-style-type: none"> <li>• Stakeholder Engagement Plan</li> <li>• Project Advisory Committee meetings</li> </ul>	Nov 2023 - Feb 2025
Task 3 Best Practices and Policy & Planning Context	<ul style="list-style-type: none"> <li>• Best Practices and Framework Technical Memorandum</li> </ul>	Nov 2023 - Feb 2024
Task 4 Existing Conditions Assessment	<ul style="list-style-type: none"> <li>• Transportation and Land Use Existing Conditions Report</li> <li>• Data Summary Sheets for all Projects</li> <li>• Initial Candidate Project List</li> </ul>	Jan 2024 - May 2024
Task	Deliverable	Timeframe
Task 5 Priority Projects Identification and Scoring	<ul style="list-style-type: none"> <li>• Priority Projects Methodology Technical Memorandum</li> <li>• Prioritized Project List</li> </ul>	May 2024 - Jan 2025

	<ul style="list-style-type: none"> <li>• Priority Projects Conceptual Designs and Recommendations Report</li> <li>• Implementation strategy and implementation plan and funding strategy, including Project Fact Sheets to assist with grant applications, conceptual designs, and GIS maps</li> </ul>	
Task 6 Local Jurisdiction Guidance	<ul style="list-style-type: none"> <li>• Local Jurisdiction Guide</li> <li>• Toolbox Tuesday Training materials</li> </ul>	Sept 2024 - Dec 2024
Task 7 Final Report	<ul style="list-style-type: none"> <li>• Final Report</li> </ul>	Nov 2024 - April 2025

**Stakeholder Engagement**

SCAG staff and the consultant understand the Highways to Boulevards Regional Study stakeholder engagement process requires a multitude of perspectives to properly implement a comprehensive approach that captures community needs and issues to be addressed by the Study. Projects that treat communities as co-creators and partners in the process are more likely to generate local adoption and sense of ownership. SCAG staff and the consultant will engage stakeholders to co-create the Study vision and goals, review and validate data collection and assumptions, review project evaluation criteria and project priorities, and participate in concept design development. This will help build consensus and project understanding, especially when defining screening criteria to identify projects (6 to 10) within the region while ensuring geographic diversity.

Two Project Advisory Committees (PACs) will be formed to inform two stages of this Study. PAC#1 will include stakeholders involved in corridor planning including highways planning, transit and passenger rail planning, active transportation planning, and community-based planning. As part of PAC#1, the project team plans to engage with California Department of Transportation (Caltrans), Councils of Governments (COGs), County Transportation Commissions (CTCs), or standing committees, including local agency staff from cities and counties. SCAG staff and the consultant, in consultation with the groups mentioned above, will also identify other committees (e.g., active transportation, transit), groups and community-based organizations agencies/partners to engage with as part of the Study. The process will also include engaging with SCAG’s policy committees, Safe and Active Streets Working Group, Regional Transit Technical Advisory Committee, and other Technical Advisory Committees (TACs), as needed. PAC#2 will be formed to provide guidance on specific projects or locations and will consist of staff and stakeholders affiliated with the jurisdictions where the projects are located.

**Next Steps**

SCAG staff will continue to provide Study updates to the policy committees at key milestones. More information about the Study is available at <https://scag.ca.gov/corridor-planning>.



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**FISCAL IMPACT:** Funding for staff work on the Study is included in the FY23/24 Overall Work Program, Task 060.0124.01 Multimodal Corridor Planning.

**ATTACHMENT(S):**

1. PowerPoint Presentation - Highways to Boulevards





# Highways to Boulevards Regional Study

Energy & Environment Committee

Hina Chanchlani – Associate Regional Planner

Mobility Planning and Goods Movement

February 1, 2024

[WWW.SCAG.CA.GOV](http://WWW.SCAG.CA.GOV)

## Connect SoCal 2024 and SCAG Racial Equity Early Action Plan



Build and maintain a robust transportation network.



Develop, connect, and sustain communities that are livable and thriving.



Create a healthy region for the people of today and tomorrow.



Support a sustainable, efficient, and productive regional economic environment that provides opportunities for all.

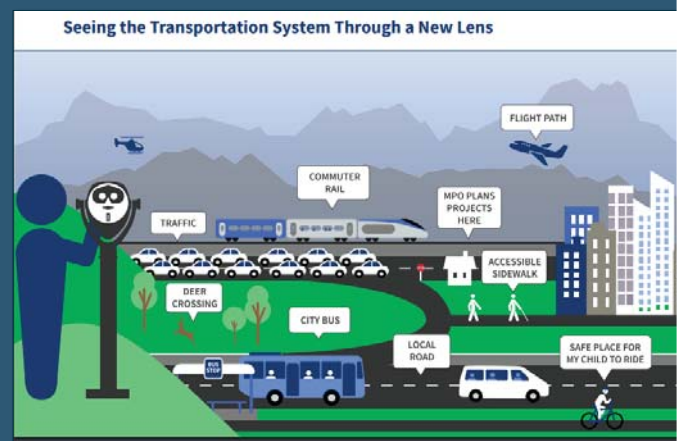
*“As central to SCAG’s work, racial equity describes the actions, policies, and practices that eliminate bias and barriers that have historically and systemically marginalized communities of color, to ensure all people can be healthy, prosperous, and participate fully in civic life.”*

# Why Highways to Boulevards?

- Historically highways have divided communities and amplified racial inequities, specifically among vulnerable populations
- Harmful environmental impacts from heavy roadway usage
- Minimal economic benefits and restricted for access to opportunities
- Urban highways reaching end of designed life span

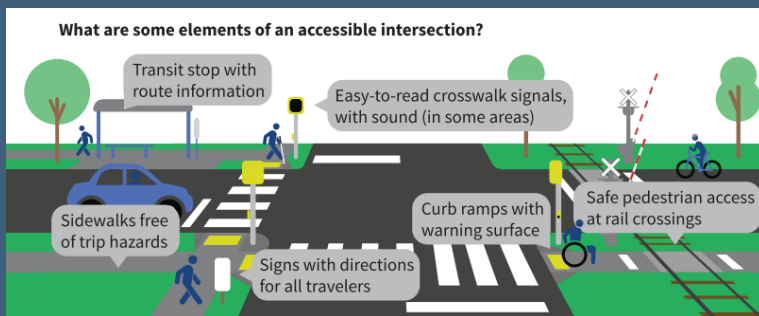
# Why Highways to Boulevards?

- Opportunity to rebuild and reconnect
- Streets can become places for people who live around them
- Places for public interaction around local businesses
- Better transit integration
- Increased access to jobs and services



# Why Highways to Boulevards?

- Driven by community needs
- Outcomes to benefit the public realm, health and environment, accessibility and mobility
- Offer economic gains to communities that have experienced inequities by highway construction



## Examples: San Francisco



## Past SCAG Efforts

- In 2012, SCAG convened the Southern California Freeway Cap Coalition
- Identified policy and funding challenges
- CTCs, Cities, Caltrans, Consultants and SCAG were involved in this process
- Recently, Caltrans released a Freeway Cap Best Practices & SR-94 Cap Park Study

## Previously Studied Freeway Caps

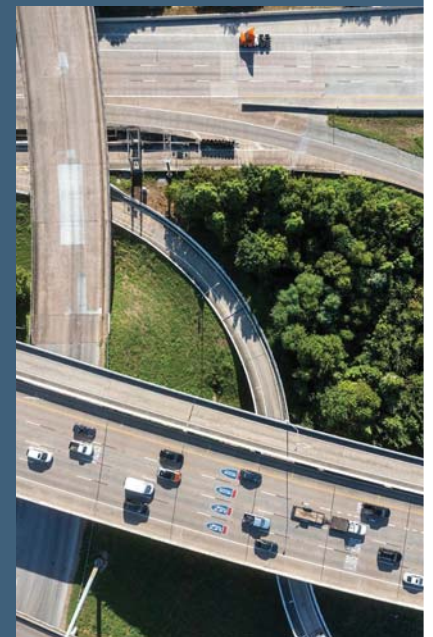
- Hollywood Central Park – US-101, Hollywood
- Park 101 – US-101, Downtown Los Angeles
- Space 134 – SR-134, Glendale
- Beach + Town – US-101, Ventura
- Santa Monica Cap – I-10, Santa Monica

# Federal & State Opportunity

- Under the combined RCN Program, USDOT offers three grant types:
  - Capital Construction - **\$1.15 Billion**
  - Community Planning - **\$185 Million**
  - Regional Partnerships Challenge - **\$450 Million**
- Caltrans launched Reconnecting Communities: **Highways to Boulevards (RC:H2B)** pilot program (\$149 million)
  - Awards Announcement: Late 2023/Early 2024

# Study Goals

- Long-term:
  - **Reconnect communities** by removing, retrofitting, or mitigating transportation facilities
  - Improve mobility, access, safety, health, and/or economic development
- Near-term:
  - Focus on **highways and rail lines** that have created barriers to community connectivity
  - Identify and evaluate highways and rail lines that can be candidates for future conversion
  - Focus on **high need communities**
  - Position the region/locals to compete for state or federal funds



# Scope of Work

Task	Deliverable	Date
Task 1 Project Management	<ul style="list-style-type: none"> <li>Project Management Plan (PMP)</li> </ul>	Nov 2023 – April 2025
Task 2 Stakeholder Engagement	<ul style="list-style-type: none"> <li>Stakeholder Engagement Plan</li> <li>Project Advisory Committee meetings</li> </ul>	Nov 2023-Feb 2025
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# Scope of Work

Task	Deliverable	Date
Task 5 Priority Projects Identification and Scoring	<ul style="list-style-type: none"> <li>Prioritized Project List</li> <li>Priority Projects Conceptual Designs and Recommendations Report</li> <li>Implementation strategy and funding strategy, including Project Fact Sheets to assist with grant applications, conceptual designs, and GIS maps</li> </ul>	May 2024-January 2025
Task 6 Local Jurisdiction Guidance	<ul style="list-style-type: none"> <li>Local Jurisdiction Guide</li> <li>Toolbox Tuesday Training materials</li> </ul>	Sept 2024-Dec 2024
Task 7 Final Report	<ul style="list-style-type: none"> <li>Final Report</li> </ul>	Nov 2024 – April 2025

# Stakeholder Engagement

- SCAG staff and the consultant will engage stakeholders to co-create the study vision and goals.
- Stakeholders will review and validate data collection and assumptions, review project evaluation criteria and project priorities and participate in concept design development.
- This will help build consensus and project understanding, especially when defining a screening and prioritization criteria to select projects (6 to 10) within the region while ensuring geographic equity.

# Stakeholder Engagement

Project Advisory Committee #1	Project Advisory Committee #2
California Department of Transportation (Caltrans), Councils of Governments (COGs), County Transportation Commissions (CTCs), or standing committees, including local agency staff from cities and counties.	Will be formed to provide guidance on top corridors (minimum of 6 and maximum of 10) and will consist of staff and stakeholders affiliated with the jurisdictions where the corridors are located

## Next Steps

- Stakeholder Engagement – Project Advisory Committee (PAC) meetings Nov 2023- Feb 2025
- Best Practices and Policy & Planning Context - Nov 2023- Feb 2024
- SCAG staff will continue to provide study updates to the policy committees at key milestones



# THANK YOU!

For more information, please visit:

<https://scag.ca.gov/corridor-planning>