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MEETING OF THE

GREENPRINT TECHNICAL ADVISORY COMMITTEE

Members of the Public are Welcome to Attend
In-Person & Remotely
Monday, August 28, 2023
9:30 a.m. – 12:30 p.m.

To Attend In-Person:
SCAG Main Office – Regional Council Room
900 Wilshire Blvd., Ste. 1700
Los Angeles, CA 90017

To Attend and Participate on Your Computer
https://scag.zoom.us/j/88214100189

To Attend and Participate by Phone:
Call-in Number: 1-669-900-6833
Meeting ID: 882 1410 0189

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. Agendas are also available at: https://scag.ca.gov/socal-greenprint-technical-advisory-committee

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Instructions for Attending the Meeting

To Attend In-Peron 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 Regional Council Room on the 17th floor starting at 9:30 a.m.

To Attend by Computer: Click the following link: https://scag.zoom.us/j/88214100189. 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: 882 1410 0189**, 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. Written comments received **by 5pm on Friday, August 25, 2023**, 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 Friday, August 25, 2023, 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., Suite 1700, Los Angeles, CA 90017 or by phone at (213) 630-1420, or email to aguilarm@scag.ca.gov.

OUR MISSION
To foster innovative regional solutions that improve the lives of Southern Californians through inclusive collaboration, visionary planning, regional advocacy, information sharing, and promoting best practices.

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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 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. SCAG staff or consultants managing the meeting retain discretion to adjust time limits as necessary to ensure efficient and orderly conduct of the meeting, including equally reducing the time of all comments.

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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TELECONFERENCE AVAILABLE AT THESE ADDITIONAL LOCATIONS

Francis Appiah Department of Transportation Division of Environmental Planning 100 S. Main Street Los Angeles, CA 90012	**Tricia Campbell** Western Riverside County Regional Conservation Authority 3403 10th Street Suite 300 Riverside, CA 92502	**Marlene Flores** Imperial County Transportation Commission 1503 N Imperial Avenue Suite 104 El Centro, CA 92243
Dan Phu Orange County Transportation Authority 550 S. Main Street Conference Room 101 Orange, CA 92868	**Alan Wapner** Waldorf Astoria Hotel Gershon Agron Street 26-28 Hotel Lobby Jerusalem 9419008	**Ken Baez** County of Riverside Planning Department 4080 Lemon Street 12th Floor Riverside, CA
Curt Hagman Chino Hills District Office 14010 City Center Drive Chino Hills, CA 91709	**Chelsie Kennedy** County of Ventura – Supervisor Parvin's Office 980 Enchanted Way #203 Simi Valley, CA 93065	**Donald Wagner** County Administration North 400 West Civic Center Drive 6th Floor, Conference Room A Santa Ana, CA 92701
Art Bishop Town of Apple Valley 14955 Dale Evans Pkwy Town Hall Conference Room A Apple Valley, CA 92307	**Jenny Crosswhite** City of Santa Paula - City Hall 970 E Ventura St Santa Paula, CA 93060	**Justin Equina** City of Irvine - City Hall Community Development 1 Civic Center Plaza Irvine, CA 92606
Kathleen Kelly 46-100 Burroweed Lane Palm Desert, CA 92260	**Larry McCallon** City of Highland - City Hall 27215 Base Line Highland, CA 92346	**Jocelyn Swain** City of Lancaster - City Hall 44933 Fern Avenue Lancaster, CA 93534
Ted White City of Anaheim Planning Commission 200 S. Anaheim Boulevard, Suite 162 Conference Room Anaheim, CA 92805	**Melanie Schlotterbeck** Orange County Transportation Authority 550 S. Main Street Conference Room 101 Orange, CA 92868	

THE GREENPRINT TECHNICAL ADVISORY COMMITTEE
Members – August 2023

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1. Mr. Francis Appiah
   Mitigation Specialist, District 7 Representative

County Transportation Commissions

2. Ms. Marlene Flores
   Associate Transportation Planner, ICTC Representative

3. Mr. Chris B. Liban
   Sustainability Officer, LA Metro Representative

4. Mr. Dan Phu
   Sustainability Program Manager, OCTA Representative

5. Lesley Hill – Alternate
   Environmental Mitigation Program Manager, OCTA Representative

6. Mr. Aaron Gabbe
   Regional Conservation Director, RCTC Representative

7. Ms. Tricia Campbell – Alternate
   Regional Conservation Deputy Director, RCTC Representative

8. Hon. Alan Wapner
   Regional Council Member, SBCTA Representative

9. Ms. Amanda Fagan
   Director of Planning and Sustainability, VCTC Representative

Counties

10. Mr. Anish Saraiya
    District 5 Planning and Public Works Deputy, Los Angeles County Representative

11. Hon. Donald Wagner
    Supervisor, Orange County Representative

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12. Mr. Ken Baez
Administrative Services Manager, Riverside County Representative

13. Hon. Curt Hagman
Supervisor, San Bernardino County Representative

14. Mr. Josh Lee – Alternate
Chief of Planning, San Bernardino County Representative

15. Hon. Janice Parvin
Supervisor, Ventura County Representative

16. Ms. Chelsie Kennedy – Alternate
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Senior City Planner, Los Angeles Representative

18. Mr. Alexander Linz – Alternate
City Planning Associate, Los Angeles Representative

19. Mr. Bradley Bounds II
Project Planner, Long Beach Representative

20. Ms. Jocelyn Swain
Senior Planner, Lancaster Representative

21. Mr. Justin Equina
Senior Planner, Irvine Representative

22. Mr. Ted White
Planning & Building Director, Anaheim Representative

23. Ms. Heather Allen – Alternate
Principal Planner, Anaheim Representative

24. Hon. Crystal Ruiz
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25. Hon. Kathleen Kelly
     Mayor, Palm Desert Representative

26. Hon. Larry McCallon
     Mayor, Highland Representative

27. Hon. Art Bishop
     Council Member, Apple Valley Representative

28. Hon. Bill McReynolds
     Council Member, Ventura Representative

29. Hon. Jenny Crosswhite
     Council Member, Santa Paula Representative

Business Community
30. Mr. Tom Grable
     Division President, Tri Pointe Homes Representative

Environmental Community
31. Ms. Melanie Schlotterbeck
     Director, Friends of Harbors, Beaches and Parks Representative

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GREENPRINT TECHNICAL ADVISORY COMMITTEE MEETING AGENDA

Southern California Association of Governments
900 Wilshire Boulevard, Suite 1700 – Regional Council Room
Los Angeles, CA 90017
Monday, August 28, 2023
9:30 AM

CALL TO ORDER AND ROLL CALL

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.

INFORMATION ITEM(S) FOR COMMITTEE INPUT, ADVICE AND COUNSEL TO STAFF

1. Greenprint TAC Workshop - Meeting 2   PPG. 5
(Ryan Wolfe, SCAG; and Heather Rosenberg and Joerg Tonndorf, Arup)
   - TAC Purpose and Process
   - Summary of TAC #1 Discussion
   - Draft Data Standards Review and Discussion
   - Preview of Upcoming Meetings
(The order of this item will be presentation by staff, comments and discussion with GTAC members, and public comment.)

ADJOURNMENT

		EXECUTIVE DIRECTOR'S APPROVAL
To:	Greenprint Technical Advisory Committee (GTAC)	
From:	India Brookover, Senior Regional Planner (213) 236-1919, brookover@scag.ca.gov	*Kome Ajise*
Subject:	Greenprint TAC Workshop - Meeting 2	

RECOMMENDED ACTION:
Information Only – No Action Required

STRATEGIC PLAN:
This item supports the following Strategic Plan Goal 3: Be the foremost data information hub for the region.

EXECUTIVE SUMMARY:
SCAG is in the process of developing the SoCal Greenprint, a web-mapping application to help users make data-driven land use and transportation infrastructure decisions and support conservation investments. Directed by the Regional Advance Mitigation Framework, SCAG has established the Greenprint Technical Advisory Committee (GTAC) to advise staff on the development of data policies, governance standards, user guidelines, data selection criteria, and data parameters for the Greenprint tool.

This meeting on August 28th, 2023, is the second of three planned TAC meetings, and the objective of the meeting is to obtain feedback on data standards for the SoCal Greenprint, including user guidelines, data policies and data selection criteria. This staff report contains an overview of feedback received from the GTAC during the kick-off meeting on July 26th, 2023. The report also features select draft Data Standards that reflect and incorporate TAC input from the July 26th meeting that will be the basis for further discussion. The full list of the draft Data Standards, organized into categories for data policies, governance standards, user guidelines and data parameters can be found in ATTACHMENT A.

BACKGROUND:
SCAG is in the process of developing the SoCal Greenprint, a strategic web-based tool to inform land use and infrastructure decisions, identify priority conservation areas, support advanced mitigation programs, and advance the vision and goals of Connect SoCal 2020, the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy. On October 7th, 2021, the SCAG Regional

Council (RC) directed SCAG staff to work with a five-member advisory task group of the RC (the RAMP-ATG) to establish a policy framework for advance mitigation in the SCAG region and ensure Greenprint alignment with policy objectives. The RAMP-ATG's Policy Framework directed SCAG to form the Greenprint Technical Advisory Committee (GTAC) to advise staff on the development of data policies, governance standards, user guidelines, data selection criteria, and data parameters for the Greenprint tool. The following is an overview of the purpose and process of the GTAC:

- The GTAC will provide input and consultation for SCAG staff to develop data policies, governance standards, user guidelines, data selection criteria, and data parameters for the SoCal Greenprint tool.
- The GTAC will inform land use cases and analytical functionality of the tool.
- The GTAC is an advisory body.
- Feedback from the GTAC will be presented to the Energy & Environment Committee (EEC) and the Regional Council along with   recommended data policies, governance standards, user guidelines, data selection criteria and data parameters for their review and approval. This will include a clear description of how GTAC feedback informed the recommendations.

Draft Data Policy Feedback and draft Data Standards

In addition to the Policy Framework, the RAMP-ATG established five core recommendations for the GTAC to consider, which are being used as a framework for GTAC discussions:

- Data should be publicly available.
- Data should be created, funded, used and/or developed in partnership with a government agency.
- Data should be regionally comprehensive.
- Data should not be depicted as "constraints" on future development or growth.
- Data should not be endorsed or adopted by the Regional Council as official policy of the agency.

The TAC is set to occur over the course of three meetings, the first of which occurred on July 26th, 2023. TAC members provided feedback and guidance on the RAMP-ATG recommendations. SCAG staff have developed draft Data Standards that reflect the GTAC's feedback for further discussion. As directed by the RAMP-ATG, the draft Data Standards are organized into categories for data policies, governance standards, user guidelines and data parameters. The full text of the draft Data Standards can be found in ATTACHMENT A. The objectives of this second GTAC meeting are to obtain feedback from the GTAC on the draft Data Standards. Note, that public comment will be held after the staff presentation and TAC member discussion. At the third and final GTAC meeting, members will provide feedback on the tool's desired functionality, and finalize input, advice, and counsel for staff consideration.

Below is a summary of GTAC feedback and guidance received on the original RAMP-ATG recommendations, as well as SoCal Greenprint draft Data Standards that reflect and incorporate GTAC input from the kickoff meeting.

1. Data must be publicly available.

GTAC Comments:

- Not all publicly available datasets are the most accurate or reflect the most recent data.
- The definition of "publicly available" should be reviewed.

Draft Data Standards that reflect these comments:

- *Standard A1:* Data included in the SoCal Greenprint tool must be publicly available, meaning that existing datasets are available online or can be accessed if requested and/or licensed.
- *Standard A2.* Data will consist of the most recent publicly available data and must include a defined set of metadata including information on authorship, geographic unit of accuracy, methodology for data development and anticipated timeline for regular updates.
- *Standard A3.* Draft data will not be included in the tool.

2. Data should be created, funded, used and/or developed in partnership with a government agency

GTAC Comments:

- Data included needs to be standardized, transparent, documented, and originate from well-known sources so that users can be very confident and accurately informed about what it contains and the data quality.
- Data elements should be focused to include data developed or recommended by permitting and other core agencies.
- The GTAC should review the definition of government-funded, as government "sponsors" a lot of things by providing grant money, but those datasets are not necessarily evaluated at the same levels of scrutiny as government-authored data.
- Caltrans provided more specific language around government data that they use, and that should be consistent with SCAG's approach. Caltrans prioritized government authored datasets that are existing, relevant, and readily available. They then consulted with permitting agencies to determine what layers ought to be utilized for the State Advance Mitigation Needs Assessment (SAMNA) and Regional Advance Mitigation Needs Assessments (RAMNA). Interested parties could also recommend the inclusion of particular datasets.

Draft Data Standards that reflect these comments:

- *Standard A4:* Data should be created, used and/or recommended for use by permitting agencies, and other state and federal agencies.
- *Standard A5.* Data depicted will not be altered from their original source.
- *Standard D2:* SCAG staff shall defer to feedback from regulatory agencies, and other state and federal agencies on the inclusion of particular datasets in the tool.

3. Data elements will be regionally comprehensive

GTAC Comments:

- County-specific information, like Ventura County Greenbelts and Save Open Space and Agricultural Resources (SOAR), are important for local decision making and ought to be included in the tool - even though these data layers are not regionally comprehensive.

- It will be important to understand the users of the SoCal Greenprint, as technical staff at the local level may want to see locally specific data. Others may want to use it for general information on their communities. The GTAC should identify this further, and the tool should be designed with users in mind.
- The microclimates and political circumstances in Southern California make things difficult to only include regionally comprehensive data.
- Data that is regionally comprehensive and spans multiple counties is worth including but may be limited in scale - meaning that the layers will not be accurate enough for users to view when zoomed in.
- It will be important to identify, acknowledge, and explain data gaps to help users understand why data gaps exist, instead of omitting all datasets that have gaps - especially as most datasets contain gaps of some kind.

Draft Data Standards that reflect these comments:
- *Standard A6:* Data elements will be regionally comprehensive to the extent feasible, unless data is locally important and not available through a regionally comprehensive source. Data gaps will be identified and explained for datasets in the tool to ensure accurate use of the information.

4. Data should be for informational purposes only and should not be shown as constraints on future development or endorsed or adopted as official policy of the agency

GTAC Comments:
- A GTAC recommendation was made to combine RAMP-ATG recommendations on data not being shown as constraints on future development and not being endorsed or adopted as official policy of the agency into one item stating that data is for informational purposes only. This has been done for discussion purposes.
- The SoCal Greenprint tool should specifically state that data is for informational purposes only and that it not be considered or depicted as constraints on development.
- Data should not be shown as constraints. Instead, it should help facilitate development by providing users with information to take into account at the beginning of processes and help inform next steps.
- The SoCal Greenprint tool is meant to facilitate access to already existing information and should not be binding or regulatory whatsoever.
- If data is sourced from another government agency, it will be important to state that said agency conducted the associated work; SCAG could use data from another agency but be liable for data being inaccurate in some way if this is not specifically mentioned.

Draft Data Standards that reflect these comments:
- *Standard A7:* Data will be for informational purposes only and will not be identified, qualified, or defined as constraints on future development or growth.
- *Standard A8.* Data will be for informational purposes and will not be adopted by SCAG and are not an expression of regional policy.

- *Standard B1:* To convey limitations and foster its proper use as well as emphasize to users that the SoCal Greenprint tool is for informational purposes only with no legal effect on land-use decisions made by local agencies or property owners, the final, publicly available version of the tool will include a "popup screen" displaying disclosure language and will require user acknowledgment of the data's limitations.
- *Standard B2:* Prior to using the tool, users will be required to acknowledge and agree to the terms of use, containing the aforementioned disclosures and data limitations, through a "clickwrap" statement that is reasonably and prominently visible to all users. This will require the active, affirmative acknowledgement of each user; and will be written to be easily understood by the average user.
- *Standard E1*. The SoCal Greenprint shall feature a glossary and methods section that will provide full transparency to users on data elements featured *(see attachment for full draft standard).*
- *Standard E2:* Consistent with SCAG's data policy, layers will include metadata consistent with the Geospatial Metadata Standards and Guidelines established by the Federal Geographic Data Committee *(see attachment for full draft standard).*

5. Process to select and maintain the data

GTAC Comments:
- Ensuring trustworthiness of data and the perception of trustworthiness of data is the highest priority.
- Data in the SoCal Greenprint should be regularly updated to reflect the latest available data.
- It will be important to identify when data is no longer accurate or useful to prevent users from utilizing information that is no longer relevant.
- Documentation for data elements included needs to identify when dataset was created and when regular updates will be available in the future.

Draft Data Standards that reflect these comments:
- *Standard D1:* Prioritize selection of data accessible through the tool by rigorously applying the foregoing data policies, governance standards, and user guidelines.
- *Standard D2*. Datasets will be selected based on their value in supporting land use and transportation decision-making for local agencies, and regional advance mitigation and,
- *Standard D3*. Data will be organized in seven thematic areas, which are aligned with feedback from county transportation commissions and local planning needs in support of RAMP:
    - Agriculture and Working Lands.
    - Habitat and Biodiversity.
    - Water Resources.
    - Built Environment.
    - Environmental Justice, Equity and Inclusion.
    - Climate Vulnerabilities and Resilience.
    - Geographic Context.

- *Standard D4*. The Greenprint tool will include a data update process. The process will include review of data layers under consideration, review to ensure they abide by the adopted data standards, and then be advanced to the Energy and Environment Committee (EEC) for review. It will also include a review of existing data sets to verify they meet the adopted standards.

Additional GTAC Feedback

The following is a summary of additional TAC feedback on the SoCal Greenprint that for further discussion:

- It will be important to align SoCal Greenprint data standards with SCAG's other tools to the extent feasible to ensure consistent approaches.
- The inclusion of data on housing and other development should be considered for its potential value to identify where jurisdictions are planning for growth.
- Tool functionality should include accessibility for disabled, aging, and non- or limited-English speaking groups and communities.

FISCAL IMPACT:

This project is funded in SCAG's Fiscal Year 2023-2024 Overall Work Program under 290-4919.01.

ATTACHMENT(S):

1. ATTACHMENT A_Draft Data Standards
2. PowerPoint Presentation - 23-08-28_Slides Mtg 2

ATTACHMENT A: Draft Data Standards for Discussion

A. Draft Data Policies

Data Policies address the requirements for data inclusion in the SoCal Greenprint so that the tool aligns with the RAMP Policy Framework.

- A1. Data must be publicly available, meaning that existing datasets are available online or can be accessed if requested and/or licensed.
- A2. Data will consist of the most recent publicly available data and must include a defined set of metadata including information on authorship, geographic unit of accuracy, methodology for data development and anticipated timeline for regular updates;
- A3. Draft data will not be included in the tool.
- A4. Data should be created, used and/or recommended for use by permitting agencies, and other state and federal agencies.
- A5. Data depicted will not be altered from their original source.
- A6. Data will be regionally comprehensive to the extent feasible, unless data is locally important and not available through a regionally comprehensive source. Data gaps will be identified and explained for datasets in the tool to ensure accurate use of the information.
- A7. Data will be for informational purposes only and not be identified, qualified, or defined as constraints on future development or growth.
- A8. Data will be for informational purposes and will not be adopted by SCAG and are not an expression of regional policy.

B. Draft Governance Standards:

Data governance standards address how SCAG will convey the limitations of data usage.

- B1. To convey limitations and foster its proper use as well as emphasize to users that the SoCal Greenprint tool is for informational purposes only with no legal effect on land-use decisions made by local agencies or property owners, the final, publicly available version of the tool will include a "popup screen" displaying disclosure language and will require user acknowledgment of the data's limitations; and
- B2. Prior to using the tool, users will be required to acknowledge and agree to the terms of use, containing the aforementioned disclosure and data limitations, through a "clickwrap" statement that is reasonably and prominently visible to all users. This will require the active, affirmative acknowledgement of each user and will be written to be easily understood by the average user.

C. Draft User Guidelines:

User guidelines describe how the tool will be accessible, consistent with the Connect SoCal 2020 PEIR mitigation measure, the SoCal Greenprint should be web-based and easily accessible for municipalities, transportation agencies, researchers, developers, and conservation groups.

- C1. The SoCal Greenprint will be web-based and easily accessible.

D. Draft Data Selection Criteria:

Data selection criteria deals with how data is selected for inclusion in the SoCal Greenprint.

- D1. SCAG staff will prioritize selection of data accessible through the tool by rigorously applying the foregoing data policies, governance standards, and user guidelines.
- D2. SCAG staff shall defer to feedback from regulatory agencies, and other state and federal agencies on the inclusion of particular datasets in the tool.
- D3. Datasets will be selected based on their value in supporting land use and transportation decision-making for local agencies, and regional advance mitigation.
- D4. Data will be organized in seven thematic areas, which are aligned with feedback from county transportation commissions and local planning needs in support of RAMP:
    - Agriculture and Working Lands
    - Habitat and Biodiversity
    - Water Resources
    - Built Environment
    - Environmental Justice, Equity and Inclusion
    - Climate Vulnerabilities and Resilience
    - Geographic Context
- D5. The Greenprint tool will include a data update process. The process will include review of data layers under consideration, review to ensure they abide by the adopted data standards, and then be advanced to the Energy and Environment Committee (EEC) for review. It will also include a review of existing data sets to verify whether they continue to meet the adopted standards.

E. Draft Data Parameter Requirements:

Data parameter requirements address how the data in the SoCal Greenprint will be documented & how user limitations for each data set will be conveyed. Consistent with SCAG's past and current practice, all data layers included in the SoCal Greenprint will feature individual background information on methods, limitations, authorship, as well as guidance on their proper use, including:

- E1. The SoCal Greenprint shall feature a glossary and methods section that will provide full transparency to users on data elements featured, and will include:
    - Narrative definitions that cite the data sources, explain the data in accurate and user-friendly terms, and offer guidance on how the information should be used;
    - A description of the data's methodology, reporting framework, known data gaps, and processing methods used to develop the data;
    - Dataset names and URLs of original data sources;
    - Data creation date and anticipated update schedules; and
    - Geographic constraints identifying the geographic unit of accuracy for the dataset. In some instances, data is accurate at larger areas but is not accurate when zoomed in to a smaller geography. For these instances, users will not be able to view data in finer detail than the minimum level of geographic accuracy, which will be documented in the tool.

- E2. Consistent with SCAG's data policy, layers will include metadata consistent with the Geospatial Metadata Standards and Guidelines established by the Federal Geographic Data Committee (FGDC):

- Identification information (originator, publication date, title, abstract, purpose, time period for content, currentness, progress, maintenance, etc.);
- Data quality information (attribute accuracy, completeness, positional accuracy, etc.);
- Spatial data organization information (indirect spatial reference for locating data without using coordinates);
- Spatial reference information (geographic coordinate system, latitude and longitude, etc.);
- Entity and attribute information (detailed description of dataset, overview description, attribute domain values, known data gaps, etc.);
- Distribution information (contact information for the individual or organization that distributes the data, a statement of liability assumed by the distributing individual or organization); and,
- Metadata reference information (date metadata was written, contact information for the metadata author, metadata standard, metadata access constraints, metadata use constraints).

Greenprint Technical Advisory Committee

Monday, August 28, 2023 at 9:30 a.m.

For Public Comments, please send an email to: ePublicComment@scag.ca.gov

WWW.SCAG.CA.GOV

SCAG

AGENDA

1 **Welcome & Roll Call**

2 **Procedures for Participation**

3 **Public Comment (non agenda items)**

4 **TAC Purpose and Process**

5 **Summary of TAC #1 Discussion**

6 **Draft Data Policies Review and Feedback**

7 **Preview of Next Meeting**

8 **Public Comment (agenda items)**

ROLL CALL

Procedures for Participation

- Agenda-related public comment will take place at the end of the meeting (12pm).

- TAC members participating online who have provided addresses may participate in the discussion.

- TAC members who have *not* provided their addresses may provide public comment.

4

Public Comment Period *(matters not on the agenda)*

This is the time for persons to comment on any matter pertinent to SCAG's jurisdiction that is **not** listed on the agenda. 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.

GREENPRINT TAC PURPOSE & PROCESS

Ryan Wolfe, SCAG

Establishment of a Technical Advisory Committee

The RAMP Policy Framework and recommendations from the RAMP-ATG directs SCAG to establish a Technical Advisory Committee to advise on:

- Data Policies & User Guidelines
- SoCal Greenprint Tool's Data Governance Standards
- Data Selection Criteria
- Process to Resolve Potential Divergent Perspectives on SoCal Greenprint Tool Data
- Data Parameters

TACs at SCAG

- Focused groups convened to work on specific topic areas and provide input to SCAG staff before items are brought to SCAG's Policy Committees or Regional Council.

- Groups fall along a spectrum of more technical to more policy-focused.

- Examples:
  - Modeling Task Force
  - Transportation Conformity Working Group
  - Technical Working Group

Purpose and Process for Greenprint TAC

- The GTAC will provide input and consultation for SCAG staff to develop data policies, governance standards, user guidelines, data selection criteria, and data parameters for the SoCal Greenprint tool.

- The GTAC will inform land use cases and analytical functionality of the tool.

- The GTAC is an advisory body.

- Feedback from the GTAC will be presented to the Energy & Environment Committee (EEC) and the Regional Council along with recommended data policies, governance standards, user guidelines, data selection criteria and data parameters for their review and approval. This will include a clear description of how GTAC feedback informed the recommendations.

SUMMARY OF TAC MEETING #1 DISCUSSION

Heather Rosenberg, Arup

Summary of TAC #1 Feedback

Data should be high quality, trusted, and for informational purposes only. Greenprint:

- Should not be creating or altering data
- Should be facilitating access to already existing, available, and vetted data
- Data and tool should be for informational purposes only
- Data should be used, created, established, or recommended by agencies

The process for selecting data and updating the tool should be transparent and trusted.

- Greenprint data should be evaluated in accordance with adopted data standards
- Datasets should be evaluated based on utility
- Process for evaluating data and updating the tool should be transparent

Discussion

DRAFT DATA STANDARDS FOR REVIEW AND DISCUSSION

Heather Rosenberg and Joerg Tonndorf, Arup

Aimee Frappied and Jonathan Cain, Sapphos

Topic Area 1: Data origin, scope, and availability

• Data should be publicly available.

• Data should be created, funded, used and/or developed in partnership with a government agency.

• Data elements should be regionally comprehensive.

Data Should be Publicly Available

What we heard:

- Not all datasets that are publicly available will be accurate or reflect the most recent data; and,

- The definition of publicly available data should be reviewed.

- Important to align SoCal Greenprint data standards with SCAG's other tools to the extent feasible to ensure consistent approaches.

Data Should be Publicly Available

TAC Feedback	Draft Greenprint data standards that reflect these comments
Not all publicly available datasets are accurate or reflect the most recent data	• *Standard A1*: Data must be publicly available, meaning that existing datasets are available online or can be accessed if requested and/or licensed.
The definition of "publicly available" data should be reviewed	• *Standard A2:* Data will consist of the most recent publicly available data and must include a defined set of metadata including information on authorship, geographic unit of accuracy, methodology for data development and anticipated timeline for regular updates.
Align Greenprint data standards with SCAG's other tools	• *Standard A3:* Draft data will not be included in the tool.

Data should be created, funded, used and/or developed in partnership with a government agency.

What we heard:

- Data included needs to be standardized, transparent, documented, and originate from well-known sources so that users can be very confident and accurately informed in how/what purposes it can be used.

- Data elements should be focused to include data developed or recommended by permitting and other core agencies.

Data should be created, funded, used and/or developed in partnership with a government agency. *(Cont.)*

What we heard:

- The GTAC should review the definition of "government-funded." Government "sponsors" a lot of things by providing grant money, but those datasets are not necessarily evaluated at the same levels of scrutiny as *government-authored* data.

- Caltrans provided more specific language around government data that should be consistent with SCAG's approach. Caltrans prioritized government authored datasets that are existing, relevant, and readily available. They then consulted with permitting agencies to determine what layers ought to be utilized for the State Advance Mitigation Needs Assessment (SAMNA) and Regional Advance Mitigation Needs Assessments (RAMNA). Interested parties could also recommend the inclusion of particular datasets.

Data should be created, funded, used and/or developed in partnership with a government agency.

TAC Feedback	Draft Greenprint data standards that reflect these comments
Data should be standardized, transparent, documented, and originate from well-known sources	• **Standard A4:** Data should be created, used and/or recommended for use by permitting agencies, and other state and federal agencies. • **Standard A5:** Data depicted will not be altered from their original source.
Focus on data developed or recommended by permitting and other core agencies	
Review definition of "government-funded"	
Caltrans data list process	
Review definition of "standardized"	

Data elements should be regionally comprehensive.

What we heard:

• County-specific information, like Ventura County Greenbelts and Save Open Space and Agricultural Resources (SOAR), are important for local decision making and ought to be included in the tool - even though these data layers are not regionally comprehensive.

• Important to understand the users of the SoCal Greenprint, such as technical staff at the local level may want to see locally-specific data. Others may want to use it for general information on their communities. The GTAC should identify this further, and design the tool with users in mind.

Data elements should be regionally comprehensive. (Cont.)

What we heard:

- The microclimates and political circumstances in Southern California make things difficult to only include regionally comprehensive data.

- Data that is regionally comprehensive and spans multiple counties is worth including, but may be limited in scale - meaning that the layers will not be accurate enough for users to view when zoomed in.

- It will be important to identify, acknowledge, and explain data gaps to help users understand why data gaps exist, instead of omitting all datasets that have gaps - especially as most datasets contain gaps of some kind.

Data elements should be regionally comprehensive.

TAC Comments	Draft Greenprint data standards that reflect these comments
Continue to provide relevant county-specific information, even if not regionally comprehensive	**Standard A6:** Data will be regionally comprehensive to the extent feasible, unless data is locally important and not available through a regionally comprehensive source. Data gaps will be identified and explained for datasets in the tool to ensure accurate use of the information.
Consider diversity of end users to inform regional applicability	
Microclimates and political circumstances make it difficult to include only regionally comprehensive data	
Regional datasets may not be accurate when zoomed into local setting	
Identify, acknowledge, and explain data gaps	
Design with the context that data, data models, and political sensitivities are subject to change and often do	

Discussion – Topic Area 1

BREAK

Topic Area 2: Data disclaimers and limitations

- Data will not be shown as constraints on future development or growth.

- Data will not be endorsed or adopted as official policy of the agency.

Data should be for informational purposes only and should not be shown as constraints on future development or endorsed or adopted as official policy of the agency

What we heard:

- Combine RAMP-ATG recommendations "Data will not be shown as constraints on future development or growth" and "Data will not be endorsed or adopted as official policy of the agency."

- The SoCal Greenprint tool should specifically state that data is for informational purposes only and that it not be considered or depicted as constraints on development.

Data should be for informational purposes only and should not be shown as constraints on future development or endorsed or adopted as official policy of the agency (Cont.)

What we heard:

- Data should not be shown as constraints; instead, it should help facilitate development by providing developers and municipalities with information to take into account at beginning of process and help inform next steps.

- Data should illustrate opportunities for development, for example by illustrating potential economic or community benefits.

- If data is sourced from another government agency, it will be important to state that said agency conducted the associated work; SCAG could use data from another agency but be liable for data being inaccurate in some way if this is not specifically mentioned.

Data should be for informational purposes only and should not be shown as constraints on future development or endorsed or adopted as official policy of the agency

TAC Comments	Draft Greenprint data standards that reflect these comments
• Combine RAMP-ATG recommendations on data not being shown as constraints on future development and not being endorsed or adopted as official policy of the agency into one item. This has been done for discussion purposes. • State that data is for informational purposes only and that it not be considered or depicted as constraints on development	**Standard A7:** Data will be for informational purposes only and not be identified, qualified, or defined as constraints on future development or growth **Standard A8**: Data will be for informational purposes and will not be adopted by SCAG and are not an expression of regional policy. **Standard B1:** To convey limitations and foster its proper use as well as emphasize to users that the SoCal Greenprint tool is for informational purposes only with no legal effect on land-use decisions made by local agencies or property owners, the final, publicly available version of the tool will include a "popup screen" displaying disclosure language and will require user acknowledgment of the data's limitations

Data should be for informational purposes only and should not be shown as constraints on future development or endorsed or adopted as official policy of the agency (Cont.)

TAC Comments (Cont.)	Draft Greenprint data standards that reflect these comments
• The tool should specifically state that data is for informational purposes only and that it not be considered or depicted as constraints on development. • Data should illustrate opportunities for development, for example by illustrating potential economic or community benefits. • Important to state which data is sourced from another government agency. SCAG could use data from another agency but be liable for data being inaccurate in some way if this is not specifically mentioned.	**Standard B2:** Prior to using the tool, users will be required to acknowledge and agree to the terms of use, containing the disclosures and data limitations, through a "clickwrap" statement that is reasonably and prominently visible to all users. This will require the active, affirmative acknowledgement of each user; and will be written to be easily understood by the average user. **Standard E1:** The SoCal Greenprint shall feature a glossary and methods section that will provide full transparency to users on data elements featured (see attachment for full draft standard) **Standard E2:** Consistent with SCAG's data policy, layers will include metadata consistent with the Geospatial Metadata Standards and Guidelines established by the Federal Geographic Data Committee. (see attachment for full draft standard)

Topic Area 2 Discussion

Process to select and maintain the data

- Ensuring trustworthiness of data and the perception of trustworthiness of data is the highest priority.

- Data in the SoCal Greenprint should be regularly updated to reflect the latest available data.

- It will be important to identify when data is no longer accurate or useful to prevent users from utilizing information that is no longer relevant.

- Documentation for data elements included needs to identify when dataset was created and when regular updates will available in the future.

Draft Data Selection Criteria

- D1. SCAG staff will prioritize selection of data accessible through the tool by applying the foregoing data policies, governance standards, and user guidelines.

- D2. Datasets will be selected based on their value in supporting land use and transportation decision-making for local agencies, and regional advance mitigation.
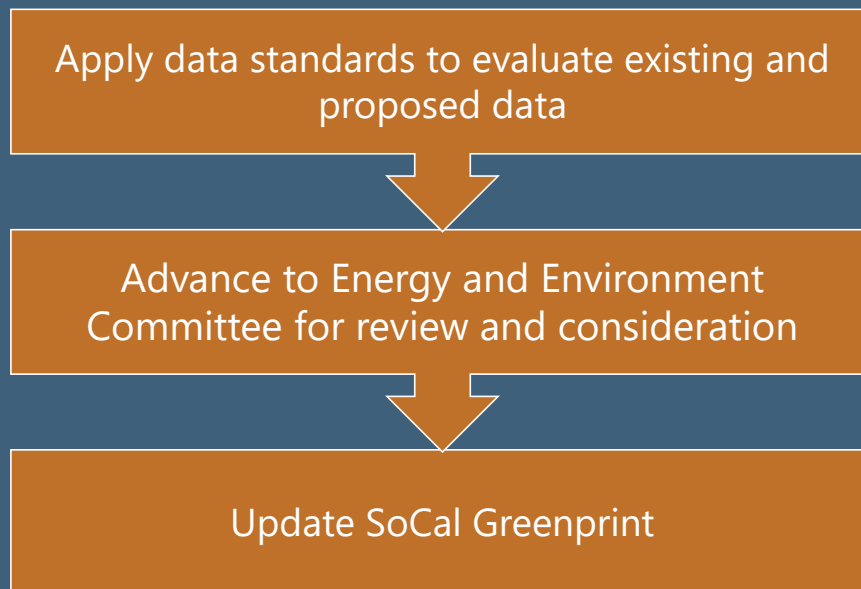
Draft Data Selection Criteria (Cont.)

- D3. Data will be organized in seven thematic areas, which are aligned with feedback from county transportation commissions and local planning needs in support of RAMP:
  - Agriculture and Working Lands
  - Habitat and Biodiversity
  - Water Resources
  - Built Environment
  - Environmental Justice, Equity and Inclusion
  - Climate Vulnerabilities and Resilience
  - Geographic Context

- D4. The Greenprint tool will include data update process. The process will include review of data layers under consideration, review to ensure they abide by the adopted data standards, and then advanced to the Energy and Environment Committee (EEC) for review. It will also include a review of existing data sets to verify whether they continue to meet the adopted standards.

33

Process to select and maintain the data

> **Apply data standards to evaluate existing and proposed data**
>
> ↓
>
> **Advance to Energy and Environment Committee for review and consideration**
>
> ↓
>
> **Update SoCal Greenprint**

Discussion

Additional Feedback Considered

- The inclusion of data on housing and other development should be considered for its potential value to identify where jurisdictions are planning for growth.

- Tool functionality should include accessibility for disabled, aging, and non- or limited-English speaking groups and communities.

Discussion

Closing Thoughts

Preview of Upcoming Meeting – TAC#3

Monday September 25th 1-4 pm

• Tool functionality
• Finalize input for staff consideration
• Identification of Beta Testing Group

SCAG

THANK YOU

scag.ca.gov/greenprint

For questions, please contact:
scaggreenregion@scag.ca.gov

Public Comments

Members of the Public:

- **Can provide verbal or written comments.**

- **Are encouraged to submit comments to** ePublicComment@scag.ca.gov by 5 p.m. the day before the meeting.

- **Can address the committee** in real-time via zoom or by phone *(2 min. allotted)*. When the item is called use the **raise your hand function** *(Zoom)* **or *9** *(phone)* and wait for your name or phone number to be called.