

# Greenprint Public Hearing

**August 24, 2021**  
**4:00 PM – 6:00 PM**

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



**4:00 pm – Welcome and Introduction**

Hon. Clint Lorimore, SCAG President

**4:05 pm – Greenprint Overview  
Presentation**

Kimberly Clark, Program Manager

**4:15 pm – Open Public Hearing**

John Asuncion, Senior Regional Planner

**6:00 pm – Close Public Hearing**

# Welcome and Introduction

# SoCal Greenprint Public Hearing

Overview Presentation

August 24th, 2021

Kimberly Clark  
Program Manager, SCAG

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



# What is a Greenprint?

A tool to help users make better land use and transportation infrastructure decisions and support conservation investments based on the best available scientific data.



## What can the SoCal Greenprint be?

- Web-based tool that converts more than 100 publicly available data sources into interactive maps
- Will be completely free and available to the public
- Dozens of groups consulted across 6 SCAG counties
- Will NOT create any new rules or regulations
- Will not single out specific parcels
- Will include a robust equity section
- Will draw from existing and publicly available data sources
- Explanations and guidance on how to use data will be included
- It will not prescribe or require any specific action

## Benefits for Southern California

- Free, easy to use tool
- Can be used to avoid project delays
- Climate change will require smarter environmental planning
- Useful in planning growth of 1.34 million homes
- Helps to plan healthy communities
- Can help protect Southern California's biodiversity



# Goals of the SoCal Greenprint



- Implement Connect SoCal
- Balance growth with conservation
- Accommodate infrastructure while protecting natural resources
- Address the lack of consistent, regional data and tools
- Better prioritize lands for mitigation investments
- Resource for our member agencies and stakeholders



# Infrastructure Goals of the SoCal Greenprint



- Encourage early consideration of nature in project planning
- Reduce risks to projects
- Generate support for projects
- Support strategic mitigation investments
- Foster a sustainable region

# What a Greenprint is and is not

WHAT IT IS	WHAT IT IS NOT
A data tool that can help to advance the pace and scale of voluntary conservation in a region.	An acquisition map or regulatory plan that puts constraints on land use for any public or private entity.
A tool that identifies landscape features that are important to residents and communities, like recreation, habitat, water resources, habitat, climate change resiliency or community.	A complete inventory of everything important within an area or new data set.
Helps illustrate how conservation values may work in concert with each other and with other values, like climate resilience.	A comprehensive solution for natural resource protection.
A resource that helps stakeholders understand factors in a specific area to help facilitate collaboration.	A requirement that stakeholders engage in projects.
An information tool to support data-driven decision making for infrastructure investments.	An effort to subvert private property rights.

# Key Users of the SoCal Greenprint



**Infrastructure  
Agencies**



**Conservation  
Practitioners**



**Community-  
Based  
Organizations**



**Developers**



**Planners  
(Town, City, County,  
Tribal)**

# Outreach Activities - Overview



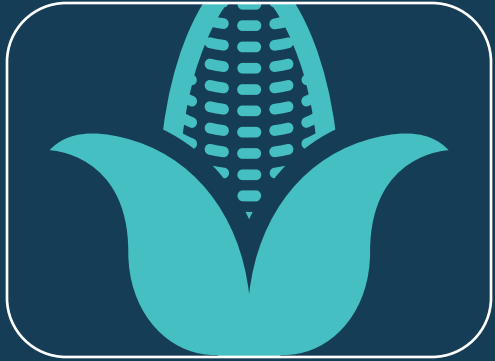
- Steering committee includes outside experts
- 60+ advisors/4 interactive workshops
  - Multiple sectors and diverse geographies
  - Public agencies and municipalities
  - Building and development community
- Ongoing conversations and small working groups
- 8 Rapid assessment interviews
- Developed 6 user profiles
- Consultation with SCAG's Technical Working Group & Regional Planning Working Groups

# Outreach Activities – Rapid Assessments



Organization Name	Organization Type	Housing-related?	County	Project Specifications	Greenprint Advisor?
Pacoima Beautiful	Community Based Organization	No	Los Angeles	Interest: Identifying opportunities to expand greenspace	No
Riverside Corona Resource Conservation District	Agriculture Governmental Agency	No	Western Riverside and San Bernardino	Interest: Highlighting the co-benefits of protecting agricultural lands.	Yes
Clean Power Alliance	Infrastructure Conservation Organization	No	Ventura	Interest: Understanding the impacts and resources on a proposed project site for renewable energy.	Yes
San Bernardino County Transportation Authority	Transportation Agency	No	San Bernardino	Interest: Identifying the impacts of a potential transportation corridor.	Yes
LA County Planning	Planning Agency	Yes	Los Angeles	Interest: Identifying the environmental resources on a site proposed for housing development.	Yes
Building Industry Association of Southern California	Developer Organization	Yes	Los Angeles	Interest: Understanding the potential opportunities and benefits of a proposed housing development.	Yes
Sierra Club – Santa Clarita Chapter	Conservation Organization	Yes	Los Angeles	Interest: Understanding the environmental impacts of a proposed housing development.	No
Placeworks	Planning Consultant	Yes	San Bernardino	Interest: Understanding how the Greenprint can be used to inform General Plan updates.	No

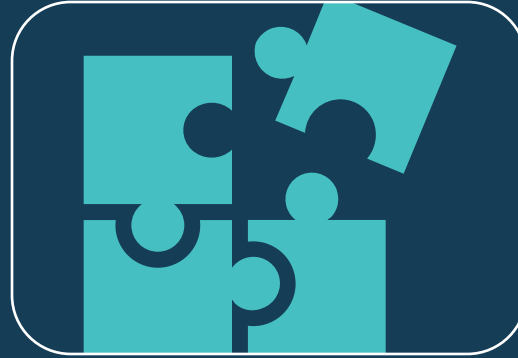
# Proposed SoCal Greenprint Themes



Agriculture



Biodiversity & Habitat



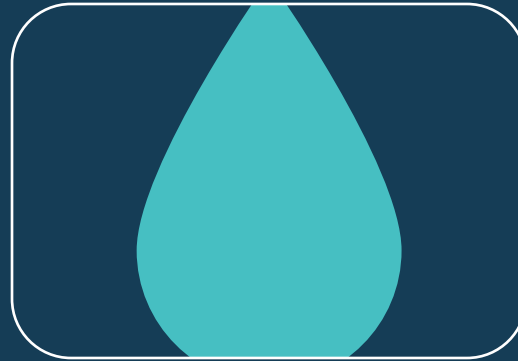
Community & Equity



Infrastructure & Built Environment



Risk & Resilience



Water

*Climate Change, urban greening, and equity are cross-cutting and will be represented within all themes*



# SoCal Greenprint Data Review Process

- 1. Compilation:** TNC Science team compiled lists of publicly-available data and developed metrics for each theme; used in rapid assessments.
- 2. External Review:** Advisors with expertise for each theme reviewed data, outputs, and provided feedback + rapid assessment interviews with representative projects.
- 3. Internal Review:** TNC Science team is reviewing recommendations and SCAG staff will make final decisions about data inclusion.

# Example Greenprint Data Layers



## Agricultural and Working Lands

- Farmland Mapping & Monitoring Data
- Agritourism
- Crop production

## Environmental Justice, Equity, and Inclusion

- DAC, CalEnviroScreen, Com. of Concern
- Public Open Space (CPAD)
- Tree Canopy

## Habitat & Biodiversity

- Endangered Species
- Habitat Connectivity
- High Biodiversity Areas

## Built Environment

- Roads
- Transit stops
- Sewer Lines

## Vulnerabilities

## & Resilience

- Seismic hazards
- 100 & 500 year flood plains
- High fire-risk

## Water Resources

- 303d Listed Impaired water bodies/streams
- Water quality index
- Groundwater recharge

## Context

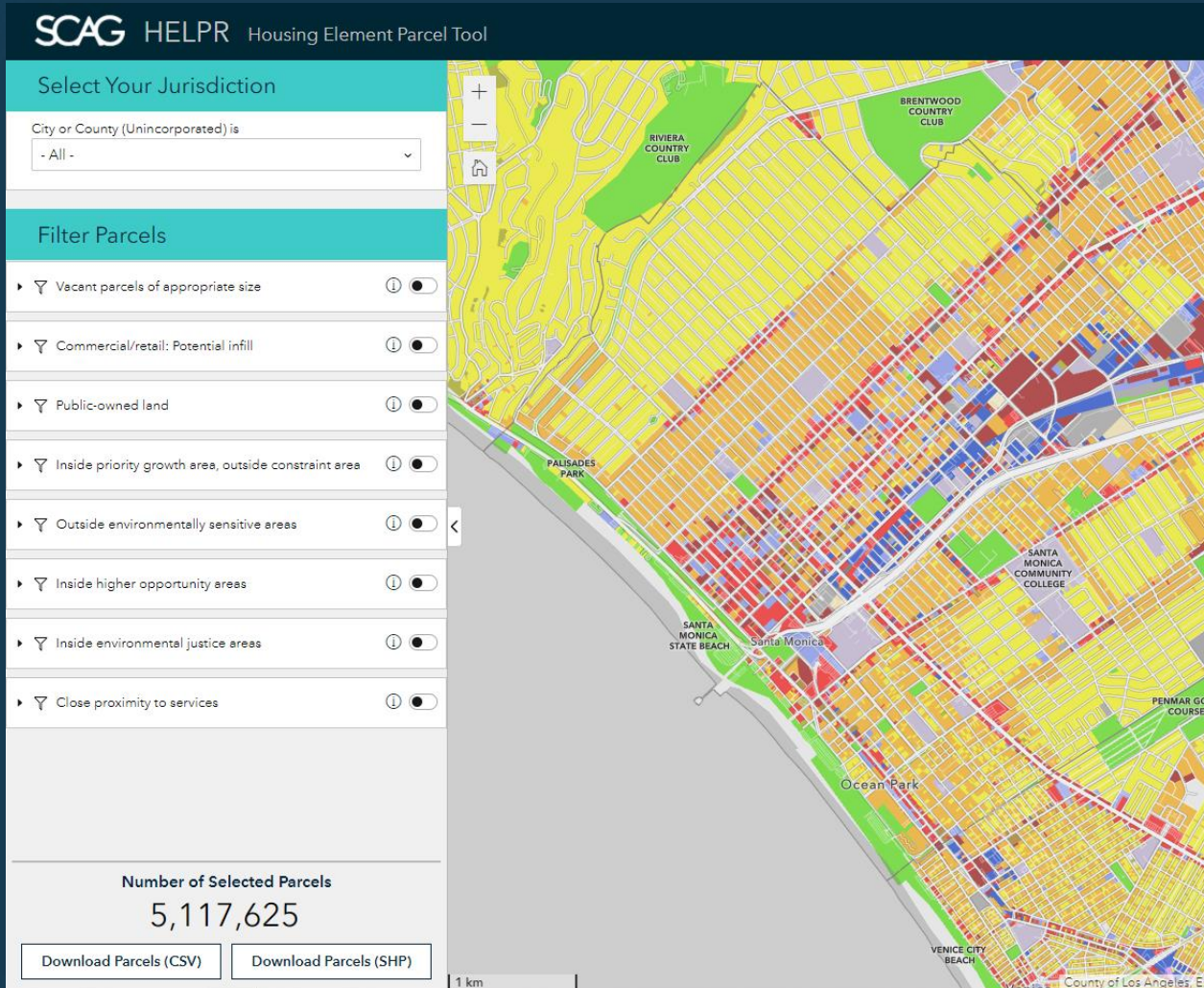
- City/County boundaries
- Land use (SCAG Data, 2016)
- Land Cover

# Data Inventory – Agriculture and Working Lands Example



GIS Data Name	Source Name	Data Layers Used	Metric Type
Farmland Mapping and Monitoring Program 2016	California Department of Conservation	2016 Prime Farmland; 2016 Important Farmland; 2016 Farmland of Statewide Importance; 2016 Farmland of Local Importance; Grazing Land	Tabular: Acres in project area/region
Farmland Mapping and Monitoring Program 1984	California Department of Conservation	1984 Prime Farmland	Descriptive/Graphic: Change in area of prime farmland between 1984 and 2016 (historic trend)
Soil Agricultural Groundwater Banking Index (SAGBI)	California Soil Resource Lab at UC Davis and UC-ANR	Groundwater recharge	Tabular: Acres of soils suitable for groundwater recharge in the project area/region
Crop production	USDA	Agricultural production by CWHR 13 Agriculture Types	Descriptive: Dollar value of crops grown in the project area/region
Projected Change in Climate Water Deficit	USGS-BCM (Flint and Flint)	Climate water deficit	Descriptive: Additional water needed for irrigation under climate change (cross-cutting metric)
CA Storie Index	USDA – Soil Survey Geographic Database	Soil rating	Tabular: Acres of project area with high Storie Index score in project area/region – indicator of soil health
Class 1 and 2 lands that are of high value for food production.	USDA – Soil Survey Geographic Database	Irrigation capability of soil	Tabular: Acres in project area/region
Williamson Act properties	County by county data		Protection metric: Number of properties in the project area or region enrolled in the Williamson Act

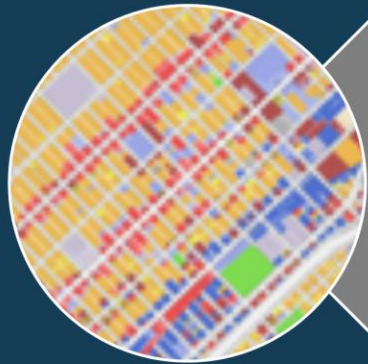
# Technical Contributions



- SoCal Greenprint Data contributed to the HELPR tool
- Data flow between SoCal Greenprint and other SCAG tools
- Data in the SoCal Greenprint utilizes publicly available resources

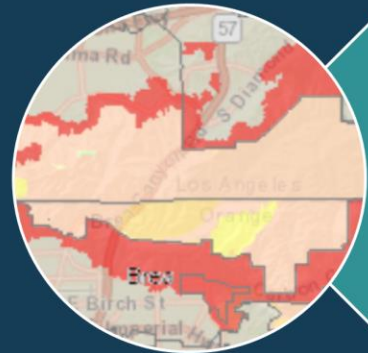


# Greenprint Data Visualizations & Tools



## Interactive Web Map

- Displays local, state, and federal datasets
- Users can turn-on or turn-off layers
- Data layers will be downloadable



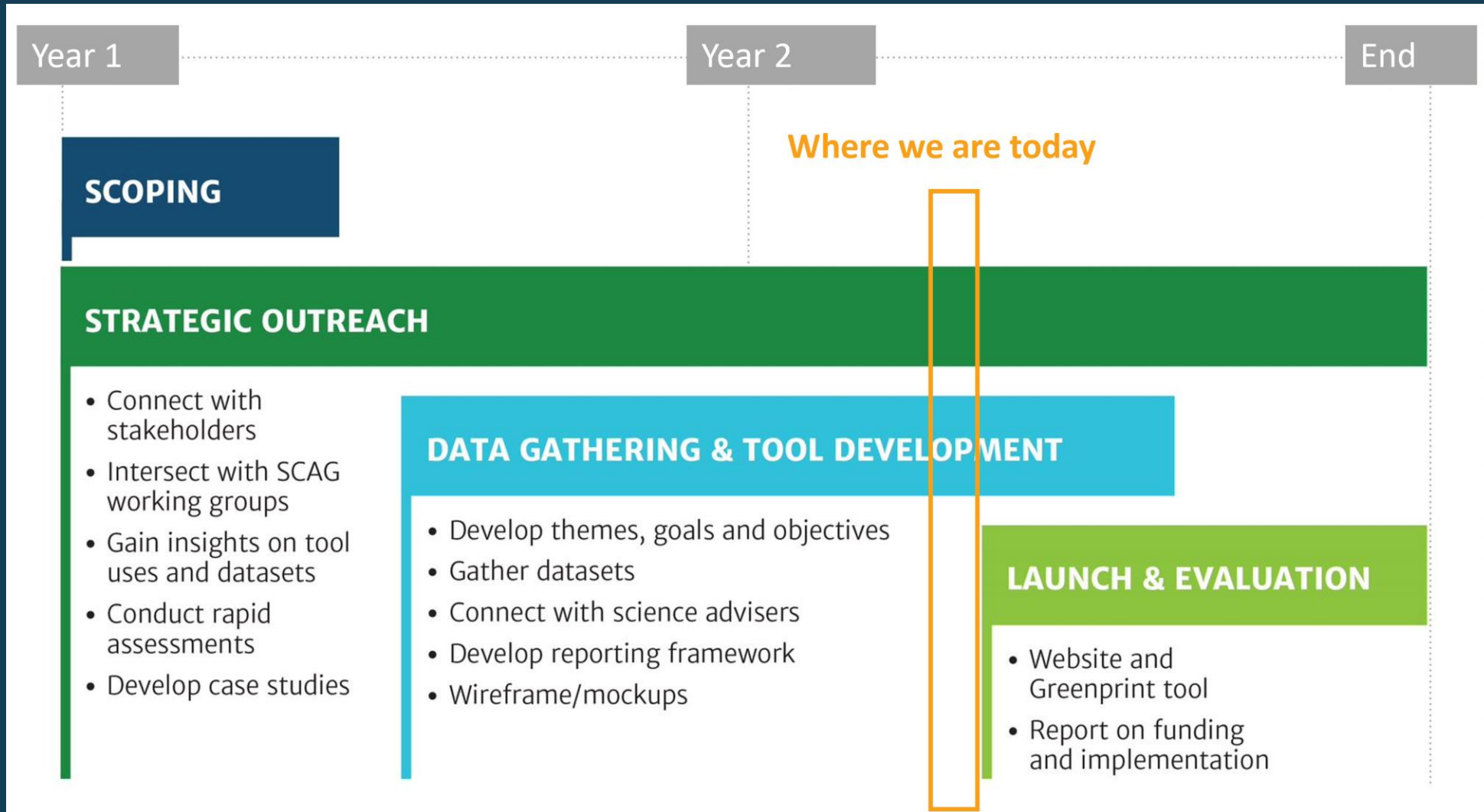
## Multi-Benefit Asset Maps

- Combines data layers from the Web Map based on central themes
- Transparencies allow users to customize how data is shown
- For visualization purposes only, and not downloadable



## Customized Reporting

- Users can draw a boundary summarize data outputs
- Users can compare outputs for two different areas
- Reports & data layers will be available for download





# Public Posting of Potential Data Layers



- Potential data layers and sources posted online
- The deadline for feedback was August 13
- 84 survey responses and 5 comment letters were received
- SCAG is analyzing results and recommendations
- Findings will be shared with Regional Council in October

SCAG

CONNECT SOCIAL RHNA TRANSLATE

ABOUT US MEETINGS OUR WORK DATA & TOOLS GET INVOLVED NEWS & EVENTS

DATA & TOOLS

- Performance Monitoring & Assessment +
- Data Services & Requests
- Geographic Information Systems -
  - Regional Data Platform
  - SoCal Greenprint**
  - Aerial Imagery Consortium
- Modeling +
- Forecasting +
- Local Profiles

## SOCAL GREENPRINT

**SOCAL GREENPRINT**

SCAG is in the process of developing an innovative online regional mapping tool known as the SoCal Greenprint. This will be a strategic conservation mapping tool that highlights the benefits of natural lands, waters, and agricultural lands, including access to parks and trails, habitat protection and connectivity, clean water, clean air, food production, and increased resilience to climate change.

The goals of the SoCal Greenprint are to protect, restore, and enhance natural lands, public

**SOCAL GREENPRINT PROPOSED DATA LAYER LIST AND FEEDBACK OPPORTUNITY**

Learn about the proposed data layer list and complete a survey by August 13 to provide your feedback.

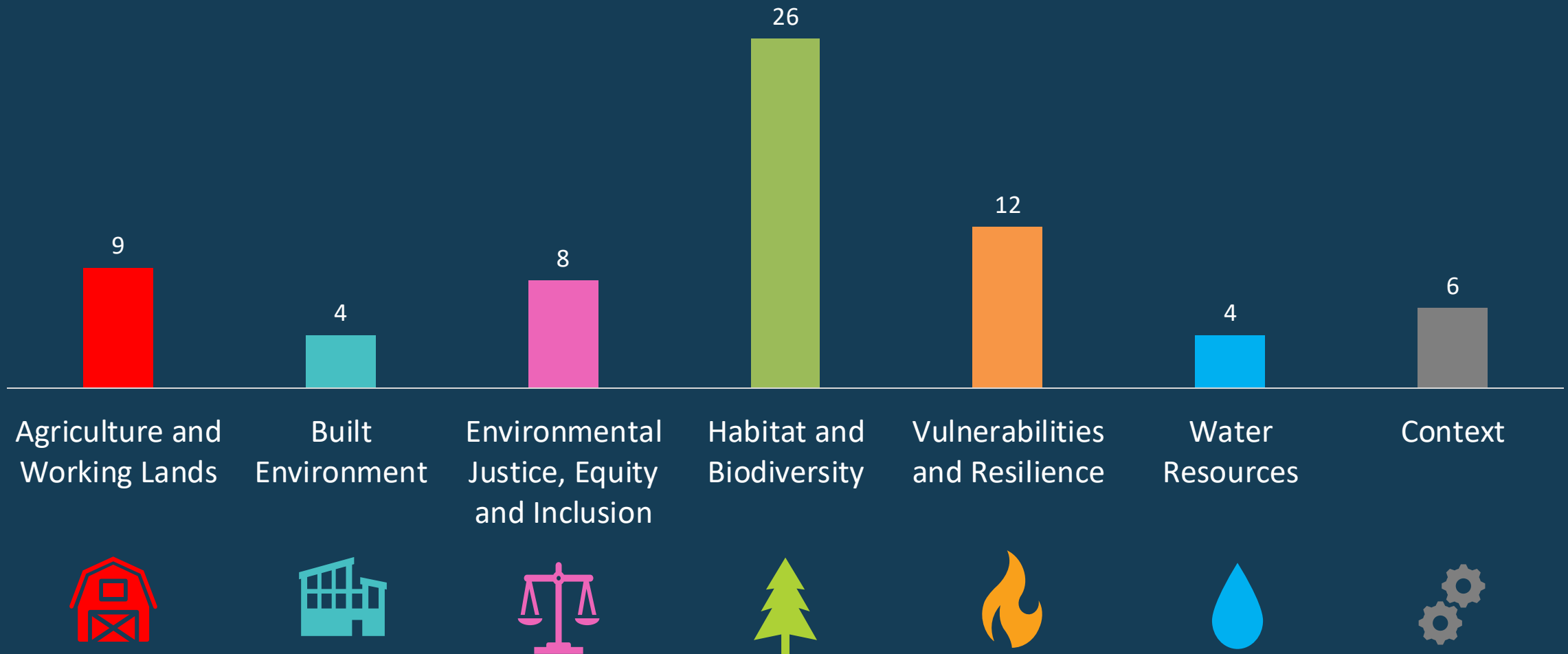
**SOCAL GREENPRINT FACT SHEET**

<https://scag.ca.gov/greenprint>

For questions, please contact SCAG staff at [scaggreenregion@scag.ca.gov](mailto:scaggreenregion@scag.ca.gov)

# Preliminary Survey Results, Responses by Data Theme

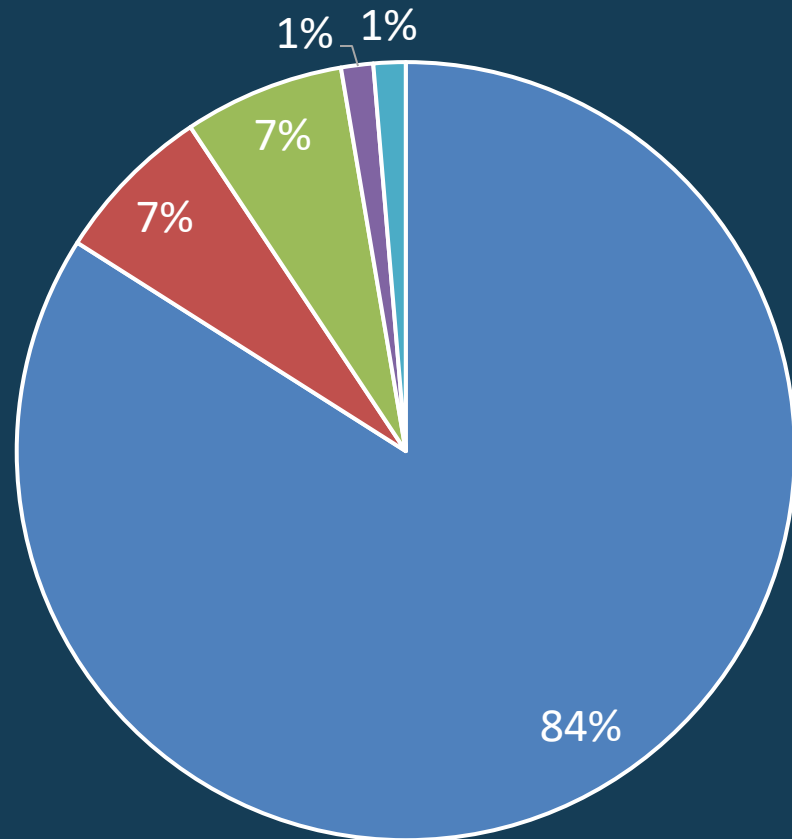
## Survey Responses by Data Theme



# Preliminary Survey Results, Utility of the Greenprint

**84%** of respondents reported that the SoCal Greenprint would be **useful** in their workflow.

1% of respondents reported concerns about the SoCal Greenprint.



- The SoCal Greenprint would be useful in my workflow
- The SoCal Greenprint would not be useful to me, but could be useful to colleagues and partners
- I need to learn more to decide
- I would not use the SoCal Greenprint, but have no concerns
- I have concerns about the SoCal Greenprint

# Public Comment Period

# Written Public Comment Instructions



Members of the public may provide written comments to:  
**[scaggreenregion@scag.ca.gov](mailto:scaggreenregion@scag.ca.gov)**  
by 6:00 pm Today – Tuesday, August 24, 2021

## Verbal Public Comment Instructions

- If participating via Zoom during the Public Comment Period, use the “raise hand” function on your computer and wait for SCAG staff to announce your name/phone number.
- For those who have joined the meeting by phone, if you wish to raise your hand to be recognized to speak, please press \*9 and wait for SCAG staff to announce your name/phone number.
- Please unmute yourself when directed.
- Limit oral comments to 3 minutes, or as otherwise directed by staff. A 30 second warning will be provided.
- Members of the public will be allowed to only speak once.
- Please use the chat box for any technical concerns or issues.



# Thank you!

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