


SoCal Greenprint

Background & Overview


SCAG Planning Department
July 15, 2021

www.scag.ca.gov



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What is the SoCal Greenprint?



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

Key Points:

- Uses existing and publicly available data sources
- The tool will provide explanations and guidance on how to use data
- It does not prescribe or require any specific action
- More than 60 organizations have provided feedback
- Does not create any new rules or regulations
- Does not include identifying information about parcels (e.g. APN, no ownership information, etc.)

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Greenprints Nationally

Greenprint Resource Hub

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What a Greenprint is and is not

WHAT IT IS	WHAT IT IS NOT
A framework 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.
An assessment 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.
An analysis that illustrates how conservation values may work in concert with each other and with other values.	A comprehensive solution for natural resource protection.
A resource that helps stakeholders understand shared priorities and facilitates collaboration.	A requirement that stakeholders engage in projects.
A tool that addresses the needs and opportunities for keeping working and agricultural lands viable.	An effort to subvert private property rights.

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Infrastructure Goals of the SoCal Greenprint



- Breaks down information silos, helping users to access multi-disciplinary data
- Encourage early consideration of nature in project planning
 - Reduce risks to projects
 - Generate support for projects
- Support strategic mitigation investments
- Foster a sustainable region

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Key Users of the SoCal Greenprint



Infrastructure Agencies



Conservation Practitioners



Community-Based Organizations



Developers



Planners
(Town, City, County, Tribal)

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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
- Pre-launch testing
- Case studies

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Example Greenprint Data Layers



Agricultural and Working Lands

- FMMP
- Agritourism
- Crop production

Environmental Justice, Equity, and Inclusion

- DAC, CalEnviroscreen, CoCs
- 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 Cover
- Land Use

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Feedback and Review of Potential Data Layers



- Potential data layers and sources available on SCAG’s website for review
- Feedback is requested from by August 6, 2021
- Guidance for providing feedback included with layer list as a form
- Additional engagements forthcoming



<https://scag.ca.gov/gis-social-greenprint>

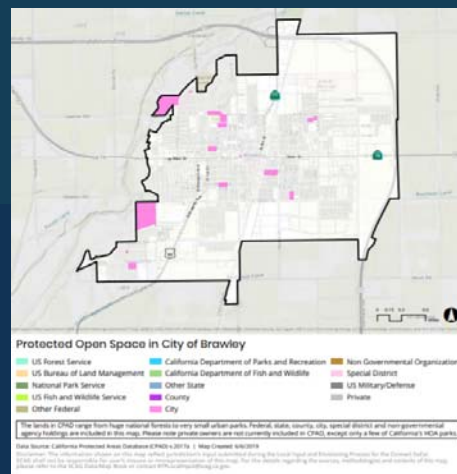
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Interactive Webmap



- Allows users to view any individual data layer on its own
- Users can select what to show by turning on and turning off an individual layer
- Users can adjust transparency based on how important it is to them, and show any layer or combination of layers
- Layers are already downloadable from existing resources
- Customizable and easy to use









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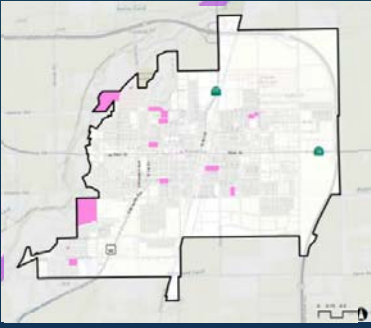
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Multi-Benefit Asset Mapping

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Six thematic asset mapping by theme, supported by multiple datasets

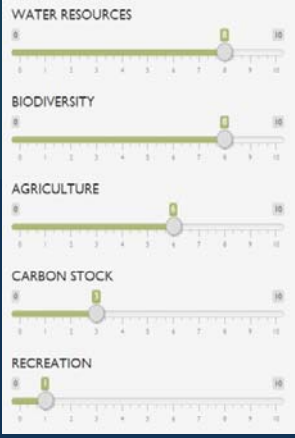
-  Agriculture and Working Lands
-  Habitat and Biodiversity
-  Environmental Justice, Equity, and Inclusion
-  Built environment
-  Vulnerabilities and Resilience
-  Water Resources



Single data layers are combined based on sub-themes for ease of viewing

Here's an example of two related data layers being combined

Users can view the way co-benefits of multiple themes overlap



Enables users to use their unique perspectives to view data

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Multi-Benefit Asset Mapping (Con't)

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Asset maps **will** be:

- Using existing and available datasets
- User-driven
- Adjustable by transparency between sub-themes
- Clear about which datasets are used and methods utilized to aggregate

Asset maps will **not**:

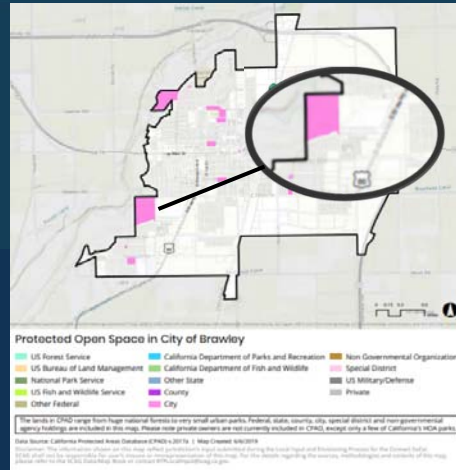
- Be available for download
- Be weighted or scored
- Be used in the Greenprint reporting for an area-of-interest

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Reporting for User Defined Areas



- Users will have the option to draw an area or load a shapefile to get more information on a project area with a customized report
- Users can compare two areas
- Data elements are aggregated to a regional coverage; if an underlying dataset is present in the study area, it will be summarized in the report
- There is no rescaling, weighting of underlying data elements, or alteration of native data sources (as developed by local, state, and federal data authors)
- Customized reports and aggregated data layers will be available for download



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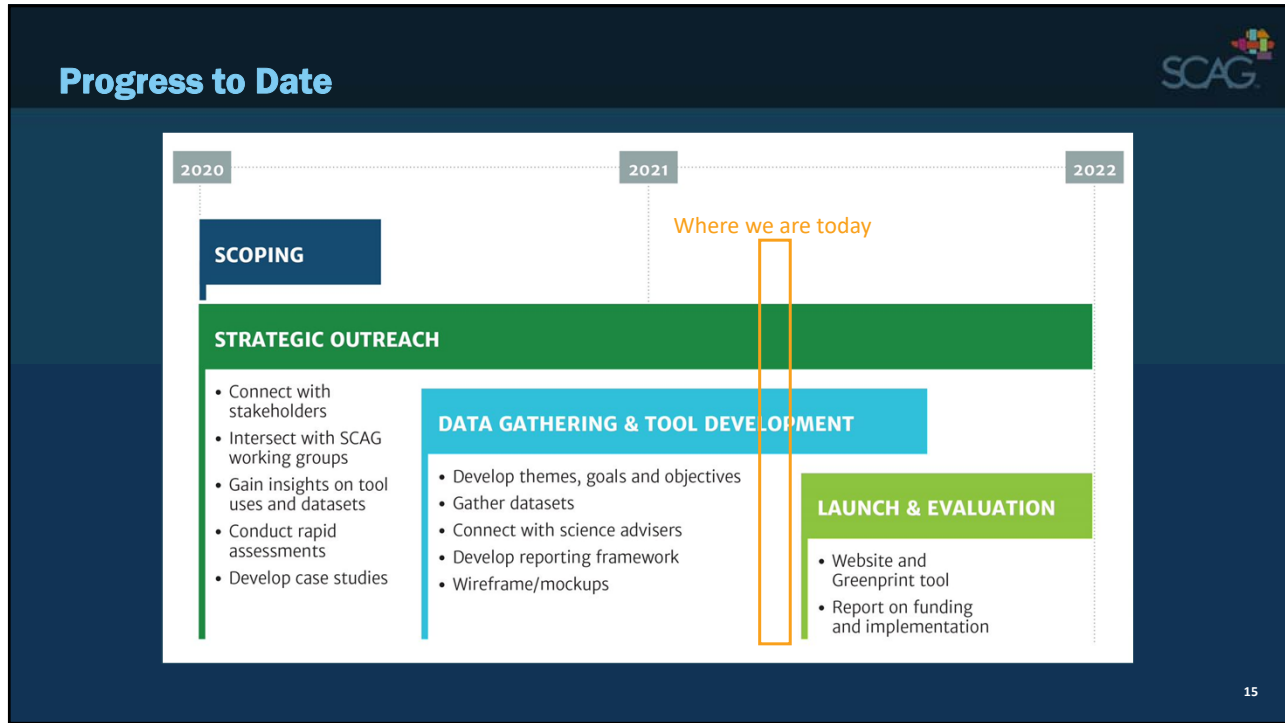
Overall, the Greenprint will NOT include



- Connect SoCal Constraints layers (absolute or variable)
- Connect SoCal TAZ level maps or data
- Modeling capabilities or scenario planning
- Private data
- Policy prescriptions other than existing local policies (e.g. Williamson Act)
- Hierarchy of data or policies

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Thank you!

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