

Measuring the Region's Progress with the Green Region Initiative Sustainability Indicators Map

July 21st, 2020



sustainability
PROGRAM

Toolbox Training

www.scag.ca.gov



Agenda

1. Introduction

Jason Greenspan

Manager of Sustainability, SCAG

2. Civic Spark Program Introduction

Mackenzie Bolger

Program Implementation Manager, Local Government Commission

3. Green Region Initiative version 4.0

Natalie Arreaga, Amanda Caswell & Vannesa R. Salazar

CivicSpark AmericCorps Climate Fellows, SCAG

Housekeeping

1. Meeting length: approximately 1 hours
2. All participant lines will be muted
3. At the end, there will be a Q&A session
4. If you have a question during the presentation, please type it into the chat box
5. We will log all questions and then voice a selection at the end of the presentation
6. A recording of this webinar and the PowerPoint slides will be available on the SCAG website. We will send a link to everyone who has registered after the event.



CivicSpark

Introduction to CivicSpark

Mackenzie Bolger
Local Government
Commission



CALIFORNIA
VOLUNTEERS



Corporation for
**NATIONAL &
COMMUNITY
SERVICE** 



**Local
Government
Commission**

Leaders for Livable Communities

Let's start with a bit of context

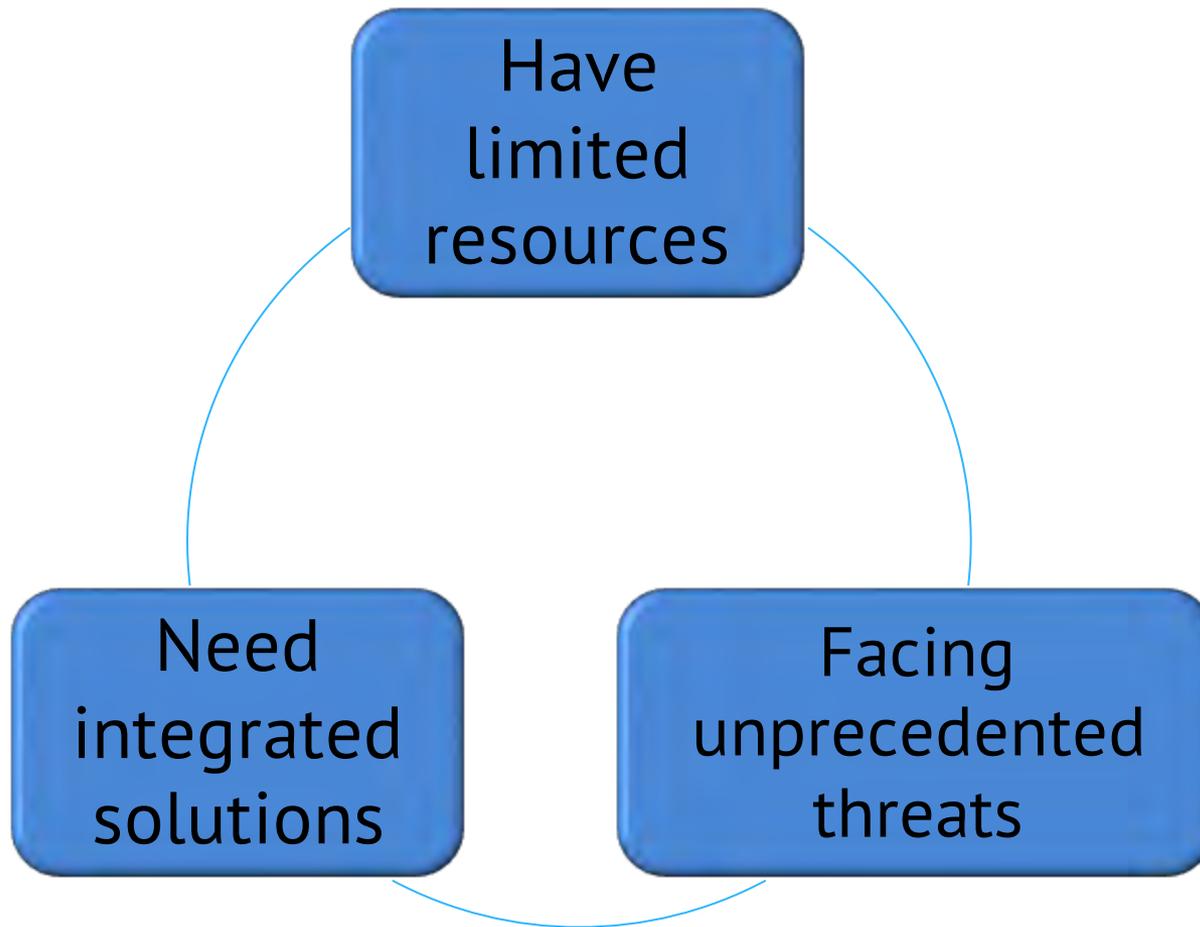
- CA faces widespread environmental and social equity challenges
- The state has set ambitious goals to address these challenges



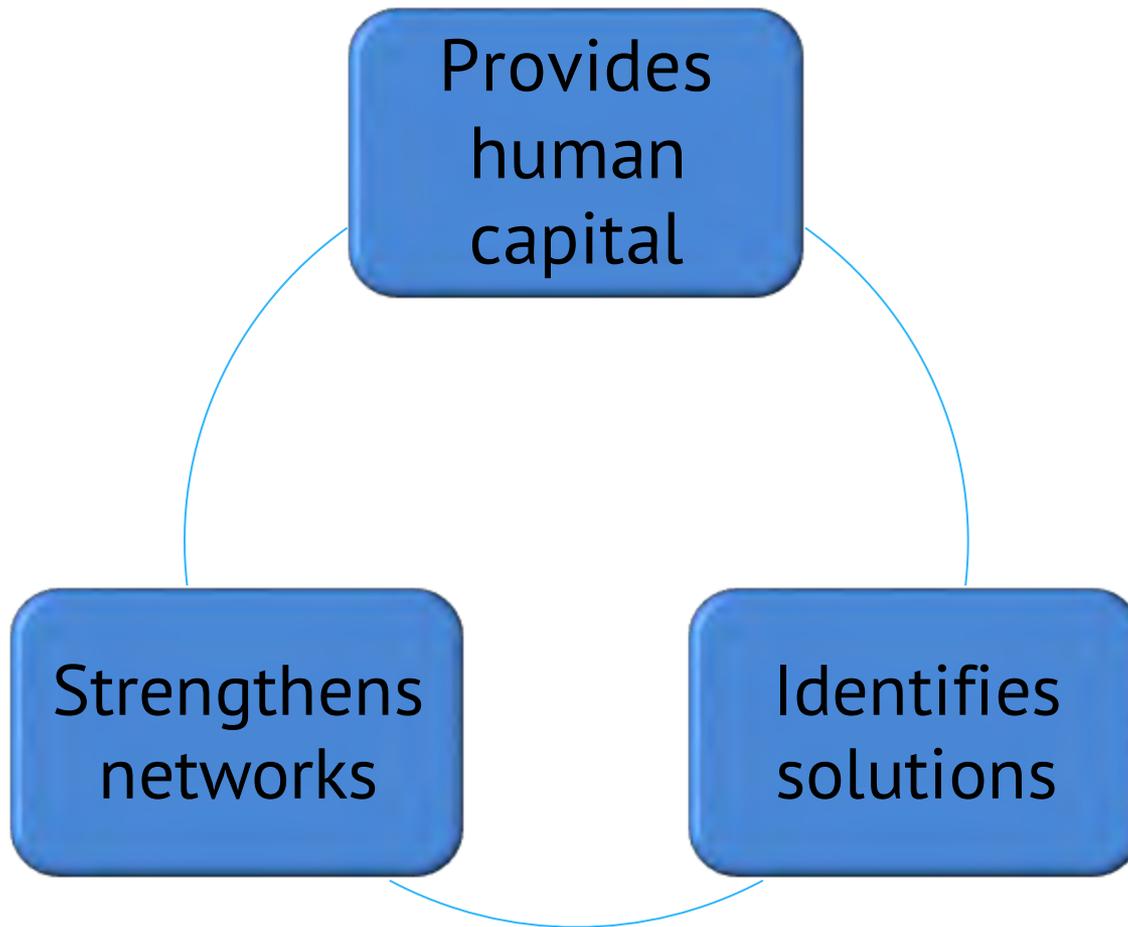
The well-being of Californians depends on community resilience.



Local Governments are critical to resilience,
but lack capacity to respond for many reasons.



CivicSpark can help fill those resilience capacity gaps.



What is CivicSpark?



- Governor's Initiative AmeriCorps program
- Addresses emerging environmental & social equity challenges through public sector capacity building

Climate Mitigation, Adaptation & Decarbonization

- Climate vulnerability assessment in the Delta
- Fire recovery and adaptation planning in Butte Co.
- Regional EV assessment in San Luis Obispo Co.
- Carbon neutrality in Marin, and Albany
- Carbon farming in Sonoma and Napa Counties



Water Policy and Management

- Stormflow analysis in Lakeport
- Groundwater sustainability planning in Yolo County, Mt. Shasta, Borrego Springs, and Tulare Co.
- Flood hazard management in Livermore



Affordable Housing and Access to Opportunity



- Technical assistance for SB1 and AHSC grants
- Housing element updates in Placer and San Luis Obispo Counties
- Housing solutions for California Community Colleges

Equity and Environmental Justice

- Disadvantaged community engagement in Marin, Tulare, and Alameda Counties
- Energy Equity in Los Angeles
- Community needs assessments in the Santa Ana River Watershed
- Community leadership in San José



COVID-19 Recovery

- Develop and implement recovery programming.
- Research & analysis, plan development, and stakeholder engagement for long-term recovery efforts
- Coordination of volunteer activities and resources



CivicSpark is making a lasting impact for California communities.

Over the past five years, CivicSpark Fellows provided more than **515,000 hours** of service to over **190 public agencies** through **500+ projects**.



“Our CivicSpark Fellows have brought a fresh perspective on how we engage the community in energy planning in the region, and they are not short on ambition.”

And for the 300+ Fellows who participated.

- **83%** of all alumni who completed the program are in a relevant career path
- **73%** are currently working in the public sector or public service
- **69%** reported that CivicSpark specifically had a significant impact on their lives and careers



“I've somehow landed my dream job, working in the nexus of sustainability and policy, and CivicSpark made this possible for me.”

-18-19 Alum

LGC manages CivicSpark.



We partner with the Governor's Office to leverage state resources and support.



We also work closely with national, state, and you - our local partners.

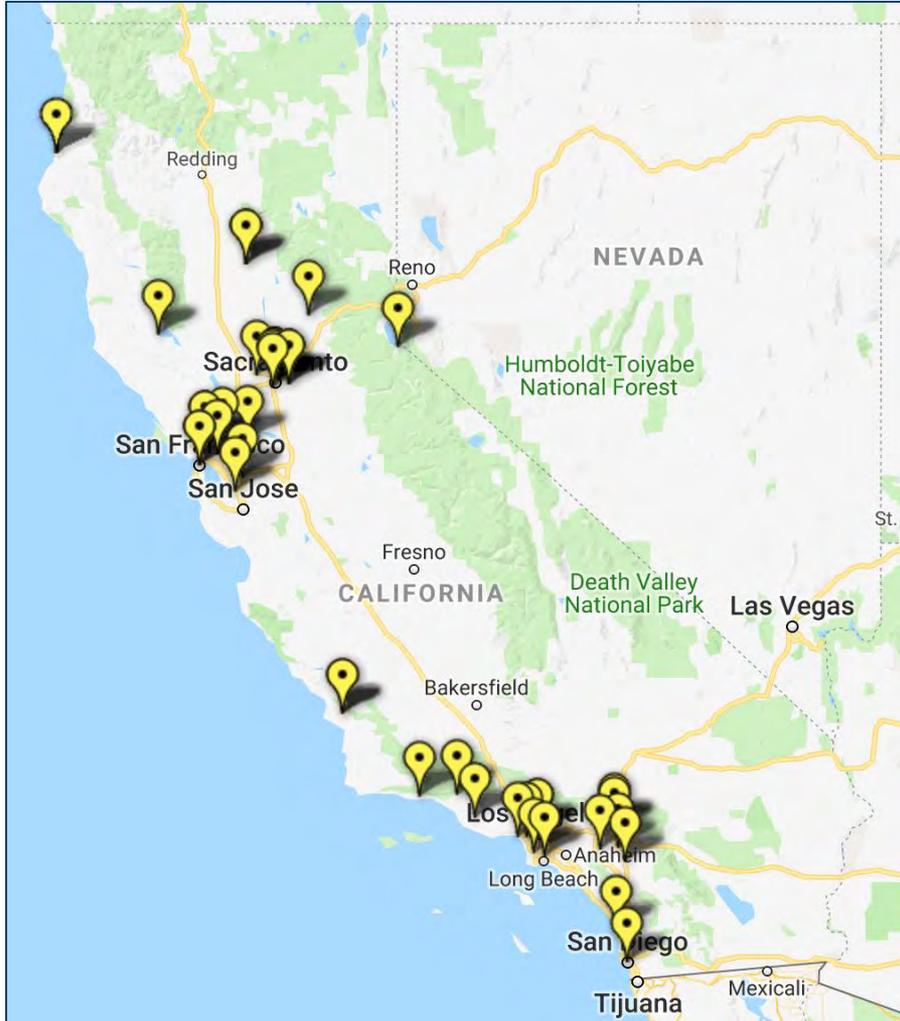


Corporation for
**NATIONAL &
COMMUNITY
SERVICE** 

“Our CivicSpark Fellow is full of energy and optimism, and single-handedly re-energized efforts to educate the community on climate action.”

**CALIFORNIA
VOLUNTEERS**

Especially our Fellows.



- Serve all over California
- Individual or teams of Fellows
- Tend to group in regions
 - Bay Area
 - Los Angeles
 - Sacramento



CivicSpark Fellows build capacity through four core activities.



Gap Assessments

- Fellows interview staff and review key documents to determine needs and finalize project goals and scope.

Service Projects

- Fellows complete specific research, planning, or implementation project(s).



Volunteer Engagement

- Fellows support increased volunteerism in conjunction with their project(s).



Transitioning Expertise

- Fellows sustain progress by sharing results with key stakeholders.



“Without CivicSpark, climate planning would not be happening here!”

We are looking for strong partnerships.

- Tangible and impactful resilience projects
 - Clear, suitable scope of work
 - Commitment to implementation
 - Strong connection to public agencies need
- Commitment to Fellows' growth and development
 - Direct project oversight
 - Dedicated Fellow supervisor



We'd love to partner with you!

- 2020-21 Service Year begins September 1st.
- Check out our website: civicspark.lgc.org
 - Eligibility
 - Fiscal contribution
 - Application
- Reach out with any questions!

Mackenzie Bolger
mbolger@lgc.org



**Local
Government
Commission**

Leaders for Livable Communities





CivicSpark

Green Region Initiative v4.0 (GRI)

July 21, 2020

Natalie Arreaga
Amanda Caswell
Vannesa Reyes Salazar



Green Region Initiative (GRI)

- Define, measure and track sustainability progress within the SCAG region
 - Measures progress through Policy and Performance Categories
- A resource for local governments to
 - Explore best practices
 - Collaborate on programs
 - Assess the needs of communities

Green Region Initiative



GRI Topics and Indicators

Sustainability Indicators

<https://bit.ly/31sKi7Z>



ACTIVE
TRANSPORTATION



ADAPTATION



BUILT ENVIRONMENT



CLIMATE ACTION



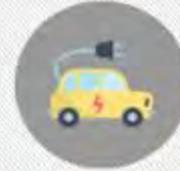
ENERGY



ENGAGEMENT



HEALTH



MOTORIZED
TRANSPORTATION



OPEN SPACE



URBAN GREENING



WASTE



WATER

Roadmap to Version 4.0

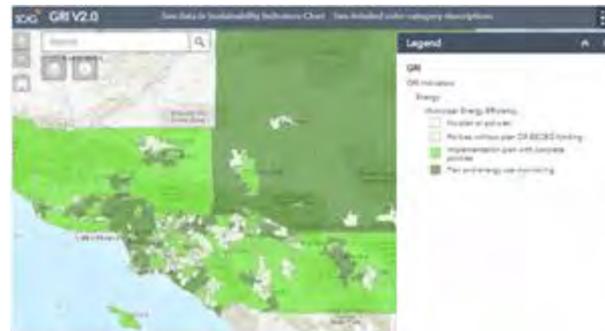
GRI v1.0
2014-15

Aggregate total of all sustainability plans and progress made across the region



GRI v2.0
2015-16

Separate ranking systems based on policy measures



GRI v3.0
2016-17

Separate ranking systems based on policy and performance measures



Roadmap to Version 4.0

GRI v3.5
2017-18

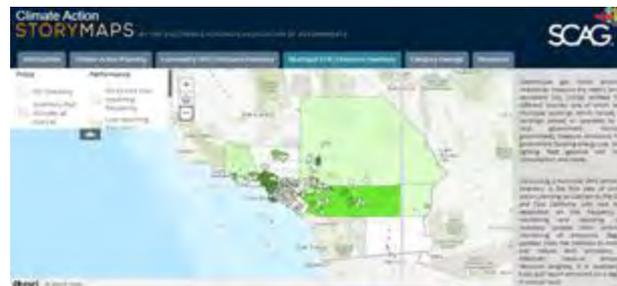
Improved map performance and additional indicators of Adaptation, Affordable Housing, and Healthy Food Access

GRI v3.6
2018-19

Updated 11 maps and simplified regional sustainability statistics through utilization of the GRI data

GRI v4.0
2019-20

Updated data in 2 indicators. Additional Electric Vehicle Charger Station Permitting indicator and Urban Greening topic. Incorporated Senate Bill (SB) 535 Disadvantaged Communities map



Quick Demonstration

Sustainability Indicators

<https://bit.ly/31sKi7Z>



ACTIVE
TRANSPORTATION



ADAPTATION



BUILT ENVIRONMENT



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ENERGY



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HEALTH



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URBAN GREENING



WASTE



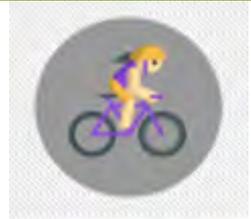
WATER

Demo - Poll

Exploring the GRI's Sustainability Topics

<http://sustain.scag.ca.gov/Pages/Sustainability%20Topics/SustainabilityTopics.aspx>

Active Transportation



Active Transportation
STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Bikes

Complete Streets

Pedestrians

SB 535 Disadvantaged Communities

Category Average

Consolidated Map

Resources



Introduction

Active transportation refers to human-powered methods of travel such as walking or biking as a form of transportation. Active transportation provides alternatives to the single-occupancy vehicle and improves access to transit, reducing greenhouse gas emissions and traffic congestion. Active transportation serves as a form of physical activity to improve public health while reducing transportation costs.

Jurisdictions within the SCAG region have promoted the use of active transportation to further reduce transportation-related greenhouse gas (GHG) emissions. Getting more people to utilize active transportation for their commuting needs can improve quality of life through improved public health and economic benefits in the SCAG region. The categories chosen for this section are *Bikes*, *Complete Streets* and *Pedestrians*.

Adaptation



Adaptation
STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Adaptation Planning

SB 535 Disadvantaged Communities

Consolidated Maps

Resources



Introduction

Climate change mitigation means reducing or sequestering greenhouse gases, whereas adaptation is preparing for the unavoidable impacts of climate change. Over the coming century, some climate change studies, such as the 2009 California Adaptation Strategy, project that Southern California will be expected to manage extremes of precipitation and temperature, increased storm frequency and intensity, and sea-level rise. These climate changes would impact streamflow, flooding, water supply, sea level, and soil water content. These impacts would affect agriculture, stormwater, wastewater treatment, wildfire risk, roads, forest health, and biodiversity. These impacts will also have consequences for public health, economic livelihoods, the financial sector, the insurance industry, individual comfort, and recreation.

Failure to anticipate and plan for climate variability and the prospect of extreme weather and related events

Built Environment



Built Environment STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Affordable Housing

Community Green Building

Municipal Green Building

Parking Management

SB 535 Disadvantaged Communities

Category Average



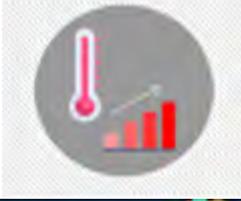
Introduction

The built environment has been defined as "the human-made space in which people live, work, and recreate on a day-to-day basis." The connection between sustainability and urban design is essential to creating an equitable environment for all. Designing the relationship between urban and natural environments is vital to reducing greenhouse gas emissions from the energy use within buildings and other strategies related to this space. Because the built environment encompasses such a wide array of facets in daily life, other indicators may directly benefit from improvements made in this category.

When updating regional plans, the interactions between humans in their urban environment is an important consideration to improve quality of life for all Southern California residents. Some of the categories chosen for this section include *Affordable Housing*, *Community Green Buildings*, *Municipal*



Climate Action



Climate Action
STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Climate Action Planning

Community GHG Emissions Inventory

Municipal GHG Emissions Inventory

SB 535 Disadvantaged Communities

Category Average



Introduction

"Climate action" refers to the act of addressing climate change and rising greenhouse (GHG) emissions. Though climate action may be conducted through a number of methods, all work shares a common goal of reducing GHG emissions, helping more vulnerable regions, and helping mitigate climate-related disasters through methods such as switching to renewable energy (e.g. solar energy, wind power), improving the insulation of buildings, and expanding forests and other "sinks" to remove greater amounts of carbon dioxide from the atmosphere.

Through California legislature, Assembly Bill (AB) 32 and Senate Bill (SB) 375, the State has set new standards for California's production of GHG emissions. SB 375 gives Metropolitan Planning Organizations (MPOs), such as the Southern California Association of Governments (SCAG), the responsibility of working with local jurisdictions to develop strategies for reducing GHG emissions. Steps towards



Energy



Energy
STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Community Energy Efficiency

Municipal Energy Efficiency

Renewable Energy

SB 535 Disadvantaged Communities

Category Average

Consolidated Maps



Introduction

Clean, stable, and sustainable sources of energy for Southern California are critical to supporting a healthy and resilient region. In developing future plans, SCAG must fully weigh and consider energy supply, efficiency, consumption, and environmental impacts.

Renewable energy and energy efficiency provide energy solutions beneficial to reducing environmental impacts, such as greenhouse gas (GHG) emissions. With energy-related emissions representing a major component of GHG emissions, alternative energy solutions can result in lower energy system costs, environmental and social benefits, and less air pollution. Topics chosen for this category include *Community Energy Efficiency*, *Municipal Energy Efficiency*, and *Renewable Energy*.

Click on the tabs above to find out more about an Individual Indicator.

Engagement



Engagement STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Green Business Program/ EPP

Participation Collaboration Policy

Sustainability Grants

SB 535 Disadvantaged Communities

Category Average



Introduction

In order to thrive as a region, local governments need to provide leadership within their communities to actively support the overall sustainability of Southern California. Southern California is a leading center for innovation, university research, and technology development, all critical aspects of building a sustainable region. SCAG honors the commitment to foster collaboration to improve the overall sustainability of the region.

In recent years, climate organizations within the public and private sectors have been on the rise to tackle some of the most daunting climate change concerns. When local jurisdictions actively participate in engagement efforts, they initiate actions to address global challenges. Topics chosen for this category include *Green Business or Environmentally Preferable Purchasing Program, Participation Collaboration Policy and Sustainability Grants.*

Health



Health STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Healthy Food Access

Public Health

SB 535 Disadvantaged Communities

Category Average

Consolidated Map

Resources

Introduction

Sustainability aims to promote healthy, safe, and clean communities under the notion of healthy planet, healthy people. Many health issues are directly related to poor water and air quality among other negative environmental impacts. Reducing these environmental impacts improves health, enhances livelihoods and encourages healthier communities.

Cities have opportunities to influence and improve health of its residents by dictating plans, policies, and programs to ensure everyone has access to components of a healthy life. Evidence links neighborhoods and built environment characteristics such as transportation and land use patterns to behaviors that can support or discourage healthy, active, and safe lifestyles. The categories chosen for this section are *Healthy Food Access* and *Public Health*.



Motorized Transportation



Motorized Transportation STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Electric Vehicles

Electric Vehicle Permitting Streamlining

Municipal Alternative Fuel Fleet

SB 535 Disadvantaged Communities

Category Average



Introduction

California is working to expand the use and production of alternative fuels and vehicles in the efforts to improve air quality, address climate change impacts, and reduce dependence on petroleum-based fuels. Executive Order S-01-07, the Low Carbon Fuel Standard (LCFS), calls for a reduction of at least 10 percent in the carbon intensity of California's transportation fuels by 2020, instructing the California Environmental Protection Agency (EPA) to work with other State agencies to meet the 2020 target.

Jurisdictions within the SCAG region have promoted the use of electric and alternative fuel fleets vehicles to further reduce transportation-related greenhouse gas (GHG) emissions. Although the policies associated with such vehicles vary across the SCAG region, the use of alternative fuel vehicles provides a lead-by-example method for jurisdictions to demonstrate a commitment to reducing GHG emissions from the

Open Space



Open Space
STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Farmland

Natural Lands

SB 535 Disadvantaged Communities

Category Average

Consolidated Map

Resources



Introduction

As the region's population grows, the preservation of open space becomes increasingly more critical. California's natural corridors provide a multitude of benefits from resources to natural hazard relief. Due to the different topographies of the Southern California region, communities can act by preserving and increasing ecosystem productivity, improving wildlife habitats, and making greenspace more easily accessible.

Incorporating open space into the SCAG's regional plan is essential as it serves as an avenue in mitigating climate change. Potential mitigation programs include planning of transportation projects to avoid or lessen impacts to open space, recreation land, and agricultural lands through information and data sharing, increasing density in developed areas and minimizing development in previously undeveloped areas that may contain crucial open space. Topics

Urban Greening



Urban Greening STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Parks

Stormwater Management

Urban Forestry

SB 535 Disadvantaged Communities

Category Average

Consolidated Map

Resources

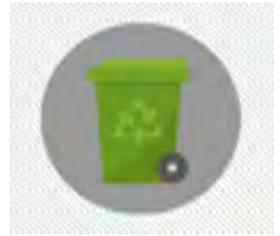


Introduction

Urban Greening, from street-landscaping to large community parks, provides social, health, economic, and environmental benefits. It is one of the essential strategies to mitigating climate change impacts. Because Southern California communities are already beginning to face these climatic changes, it is important to maximize conservation efforts and prevent green space development in order to ensure equitable access for all communities. Although green space is a limited resource, the California State Coastal Conservancy explains that in many urban areas, there are opportunities to create greener, more environmentally sustainable and livable communities by creating new parks, improving existing parks and green spaces, and planting trees. In order to promote new Urban Greening opportunities, this GRI topic tracks existing green space in Southern California.

Parks and Urban Forestry create

Waste



Waste STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



- Introduction
- Waste Minimization
- SB 535 Disadvantaged Communities
- Consolidated Map
- Resources



Introduction

According to CalRecycle, California has made significant progress in reducing solid waste: garbage, refuse, sludges, and other discarded solid materials resulting from residential activities, and industrial and commercial operations. However, further progress and solutions are needed in the areas of reducing waste and recovering recyclable materials, such as addressing plastic packaging (about 25% of the waste stream) and food waste (about 18% of the waste stream). A considerable amount of energy and resources are used throughout the waste disposal process. Waste is generated by residents and businesses, transported through the use of heavy-duty trucks, and, for the most part, disposed of at landfills where methane is generated as it decomposes. Limiting the amount of waste that is transported to and decomposes in landfills will help reduce the impact on the environment.

Water



Water STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Water Conservation

SB 535 Disadvantaged Communities

Consolidated Maps

Resources

Introduction

Water supplies in the SCAG region come from a blend of local and imported sources. Water conservation, or efficiency, involves technological and behavioral changes that lower the demand for water. With California's long-standing history of drought and growing population, sufficient water resources will be needed to meet future water demands, including addressing water quality and watershed management.

Because water is a limited resource, it is important to maximize conservation efforts. Although water regulations are often left to water agencies, jurisdictions can influence and implement strong water-related policies to promote water conservation efforts.

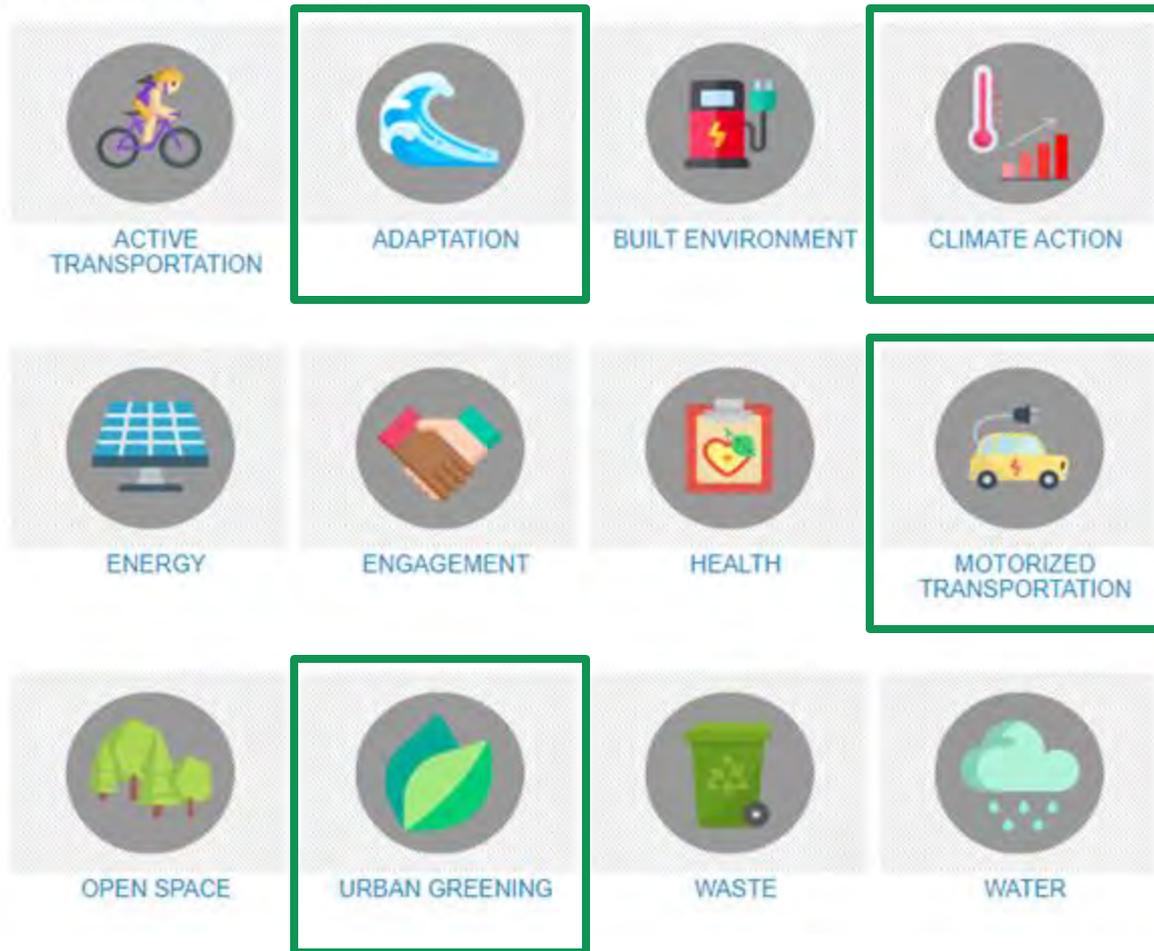
Currently, the *Water* category includes the *Water Conservation* indicator.

GRI Version 4.0 Progress

- Enhanced map performance and visualization data
- Addition of new indicator and topic
 - Electric Vehicle Permitting Streamlining found in Motorized Transportation topic
 - Urban Greening was added as a new topic, comprised of the existing Parks, Stormwater Management, and Urban Forestry indicators
- Expanded Database now totals
 - 29 sustainability indicators
 - 12 topics
- Addition of SB 535 Disadvantaged Communities (DAC) Layer and Consolidated Map to each topic

GRI Version 4.0 Progress

Sustainability Indicators



Climate Adaptation and Action

- Conducted gap analysis of adaptation policies in policy documents across the SCAG region
 - Reviewed General Plans, Local Hazard Mitigation Plans, and stand-alone plans (e.g. Climate Action Plans, Sustainability Plans, etc.) of 191 cities and 6 counties in the SCAG region
- Final Regional Climate Adaptation Framework will be available December 2020



ADAPTATION



CLIMATE ACTION

Adaptation Planning

Adaptation STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

Introduction | **Adaptation Planning** | SB 535 Disadvantaged Communities | Consolidated Maps | Resources

LEGEND

Policy

- No adaptation efforts
- Acknowledges climate risk
- Drafted stand-alone plan
- Adoption of stand-alone plan



Because of Senate Bill (SB) 379, jurisdictions are now required by law to address climate change adaptation within the Safety Element of General Plans by January 1, 2022, or when they next update their local hazard mitigation plan. Upon conducting a gap analysis of adaptation policies to determine SB 379 compliance across the SCAG region, SCAG found that a majority of jurisdictions have not considered climate change impacts in their policy documents, while several jurisdictions have either drafted or adopted adaptation policies. A three-tiered ranking system was developed based on the status of adaptation planning and the degree to which policies addressed various climate change risks, from "acknowledgement of climate risks" to "adopting a stand-alone plan or general plan that addresses numerous relevant climate risks."

Additional adaptation planning resources can be found through SCAG's

Adaptation Planning

Adaptation

STORYMAPS

BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction

Adaptation Planning

SB 535 Disadvantaged Communities

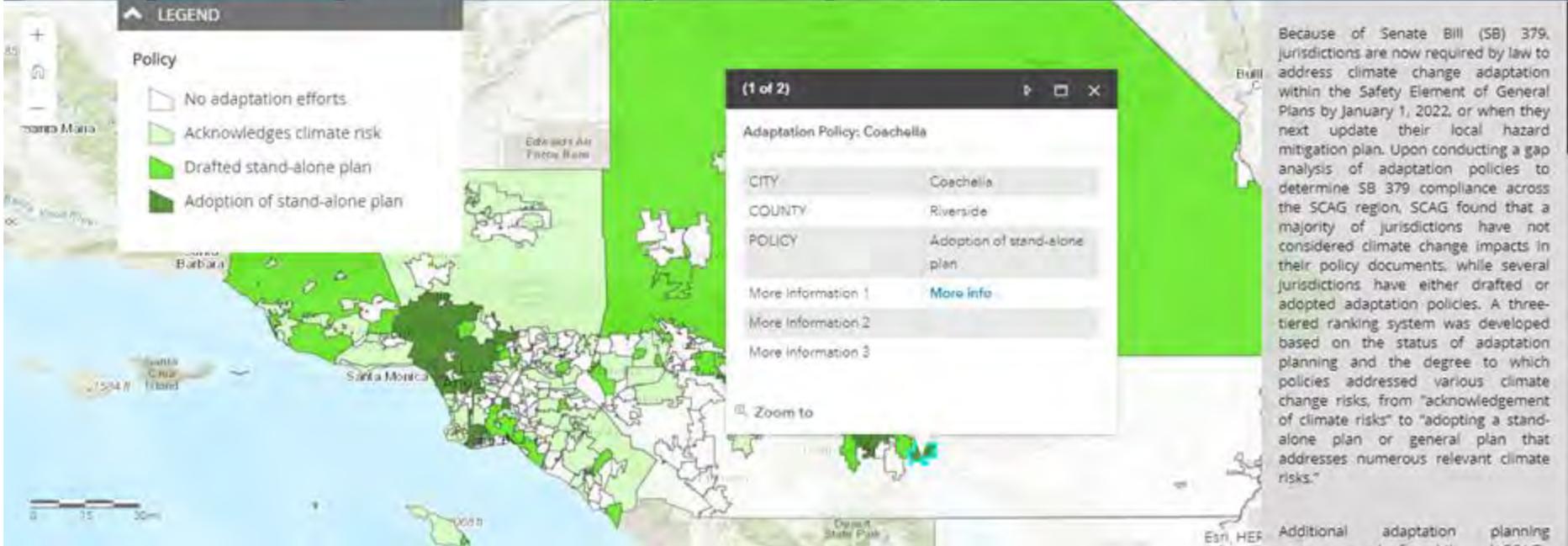
Consolidated Maps

Resources

LEGEND

Policy

- No adaptation efforts.
- Acknowledges climate risk
- Drafted stand-alone plan
- Adoption of stand-alone plan



(1 of 2)

Adaptation Policy: Coachella

CITY	Coachella
COUNTY	Riverside
POLICY	Adoption of stand-alone plan
More Information 1	More info
More Information 2	
More Information 3	

Zoom to

Because of Senate Bill (SB) 379, jurisdictions are now required by law to address climate change adaptation within the Safety Element of General Plans by January 1, 2022, or when they next update their local hazard mitigation plan. Upon conducting a gap analysis of adaptation policies to determine SB 379 compliance across the SCAG region, SCAG found that a majority of jurisdictions have not considered climate change impacts in their policy documents, while several jurisdictions have either drafted or adopted adaptation policies. A three-tiered ranking system was developed based on the status of adaptation planning and the degree to which policies addressed various climate change risks, from "acknowledgement of climate risks" to "adopting a stand-alone plan or general plan that addresses numerous relevant climate risks."



a program of the Local Government Commission





Climate Action Planning

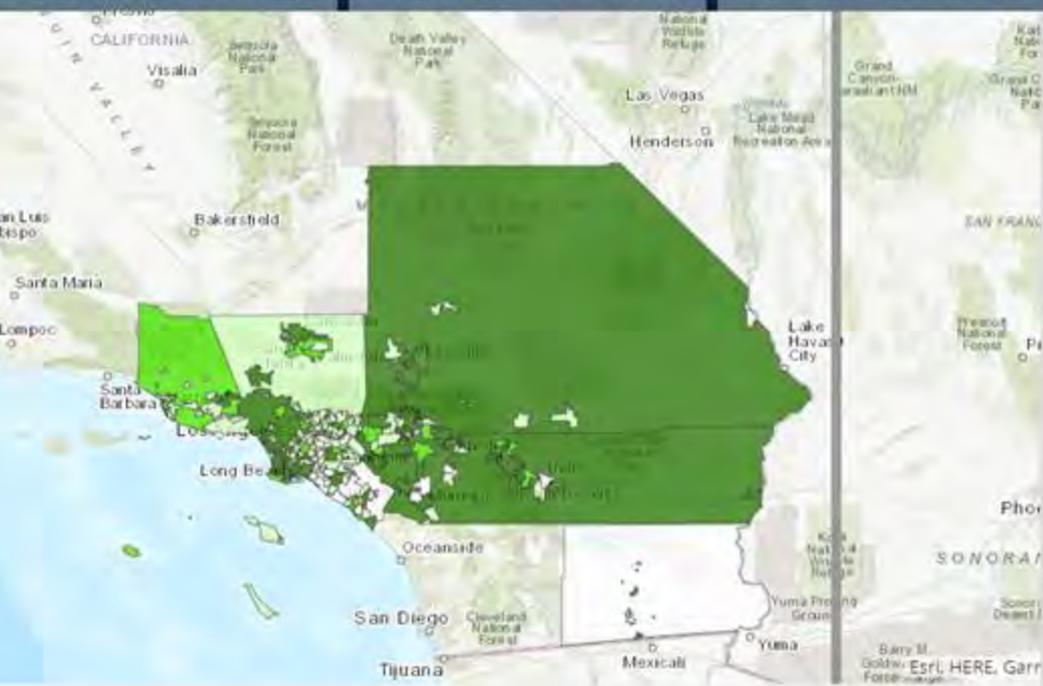
Climate Action STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



Introduction Climate Action Planning Community GHG Emissions Inventory Municipal GHG Emissions Inventory SB 535 Disadvantaged Communities Category Average



Policy	Performance
No sustainability or climate action planning	No to very low reporting frequency
Sustainability Element OR General Plan policies	Low reporting frequency
Plan with GHG inventory and reduction measures	Moderate reporting frequency
Detailed CAP with additional components	Very high reporting frequency



In the climate action planning process, jurisdictions may initially outline sustainability actions that reduce greenhouse gas (GHG) emissions or report emissions in a GHG inventory, but the most significant plans combine the two strategies into a Climate Action Plan (CAP). Jurisdictions can then adopt these Climate Action Plans into their General Plans, dedicate staff and funding to the plan's implementation, or consistently measure progress over time.

For the purposes of the *Climate Action Planning* indicator, a plan with a GHG inventory and/or GHG reduction measures is considered a CAP. Most jurisdictions in the SCAG region are in one phase or another of the climate action planning process. Performance data is determined by reporting frequency of GHG emissions.

To learn more about the development of the *Climate Action Planning* indicator, see the Green Region Initiative Methodology Guide.

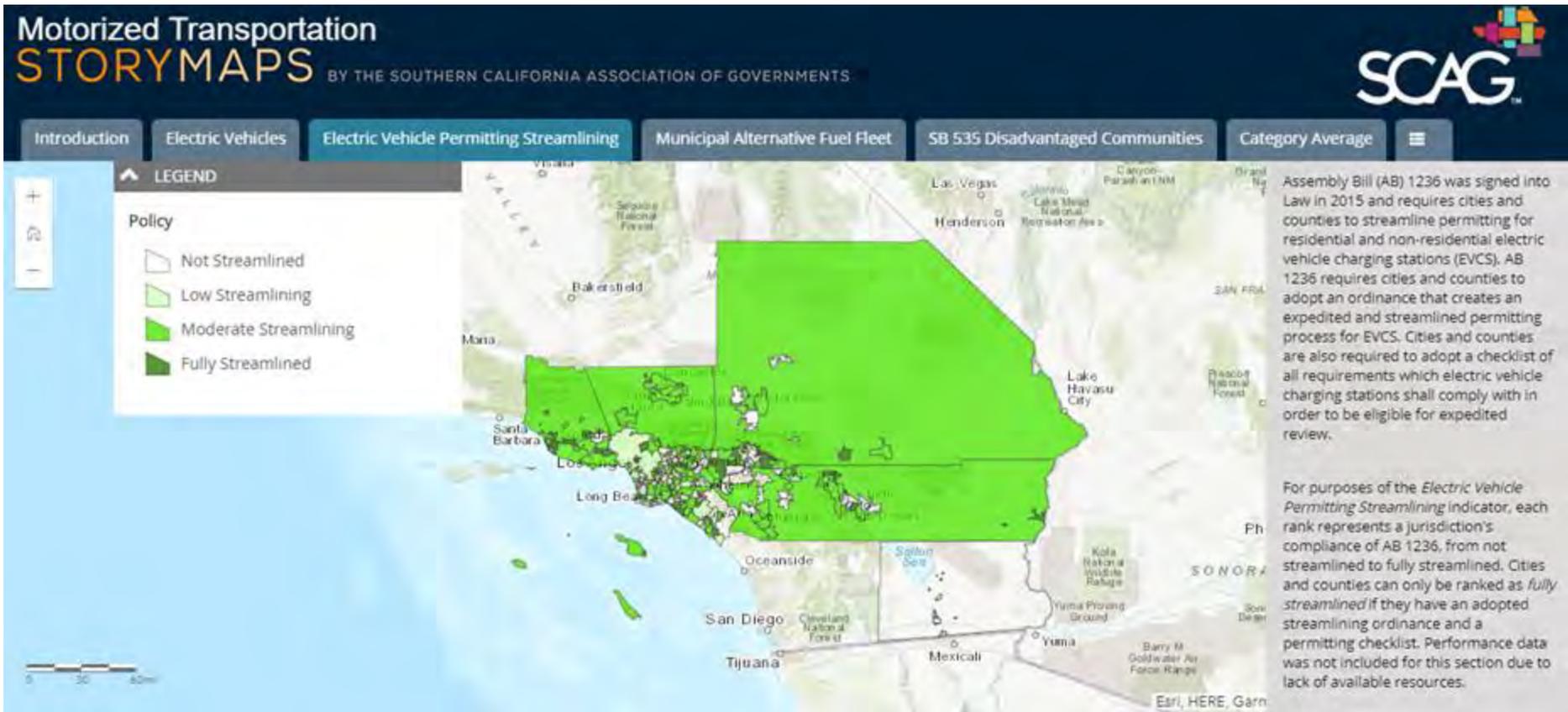
esri A Story Map

Streamlining Electric Vehicle Permitting

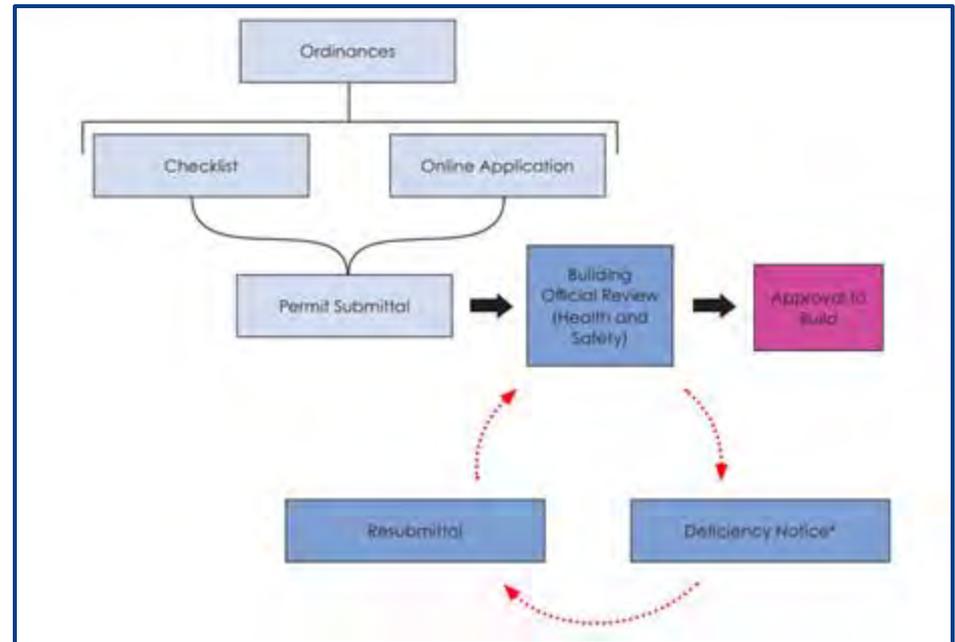
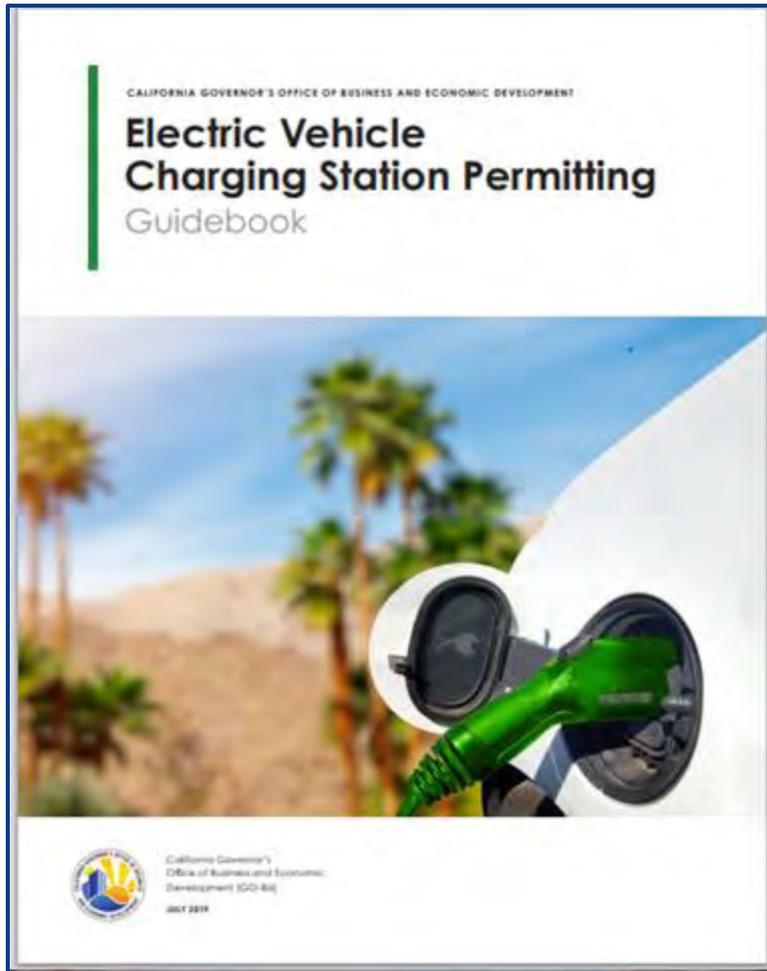


- Research conducted in partnership with the Governor's Office of Business and Economic Development
- Companion to the Electric Vehicle Charging Station Permitting Guidebook
- Purpose is to
 - Create a shared visual understanding of EV charging station permit streamlining across the state
 - Track compliance with AB 1236
 - Allow communities to use this tool to replicate success

Electric Vehicle Permitting Streamlining



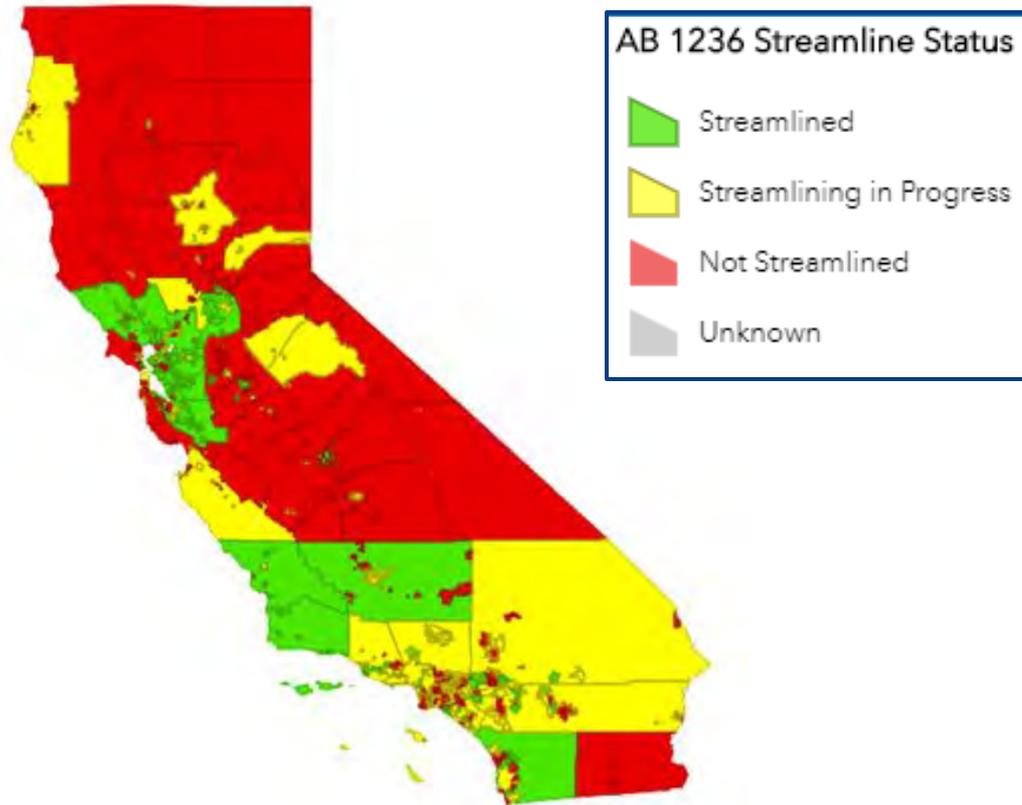
EVCS Permitting Guidebook



ZEV Readiness Scorecard

<input type="checkbox"/>	1. Streamlining Ordinance Ordinance creating an expedited, streamlined permitting process for electric vehicle charging stations (EVCS) including level 2 and direct current fast chargers (DCFC) has been adopted.
<input type="checkbox"/>	2. Permitting checklists covering L2 and DCFC Checklist of all requirements needed for expedited review posted on city or county website.
<input type="checkbox"/>	3. Administrative approval of EVCS EVCS projects that meet expedited checklist are administratively approved through building or similar non-discretionary permit.
<input type="checkbox"/>	4. Approval limited to health and safety review EVCS project review limited to health and safety requirements found under local, state, and federal law.
<input type="checkbox"/>	5. Electric signatures accepted AHJ accepts electronic signatures on permit applications.**
<input type="checkbox"/>	6. EVCS not subject to association approval EVCS permit approval not subject to approval of an association (as defined in Section 4080 of the Civil Code).
<input type="checkbox"/>	7. One complete deficiency notice AHJ commits to issuing one complete written correction notice detailing all deficiencies in an incomplete application and any additional information needed to be eligible for expedited permit issuance.
<input type="checkbox"/>	8. Bonus: Expedited timeline for approval Consistent with the intent of AB 1236, AHJ establishes expedited timelines for EVSE permit approval compared to standard project approval procedures.

CA Electric Vehicle Charging Station Permit Streamlining Map



Urban Greening

Urban Greening STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS



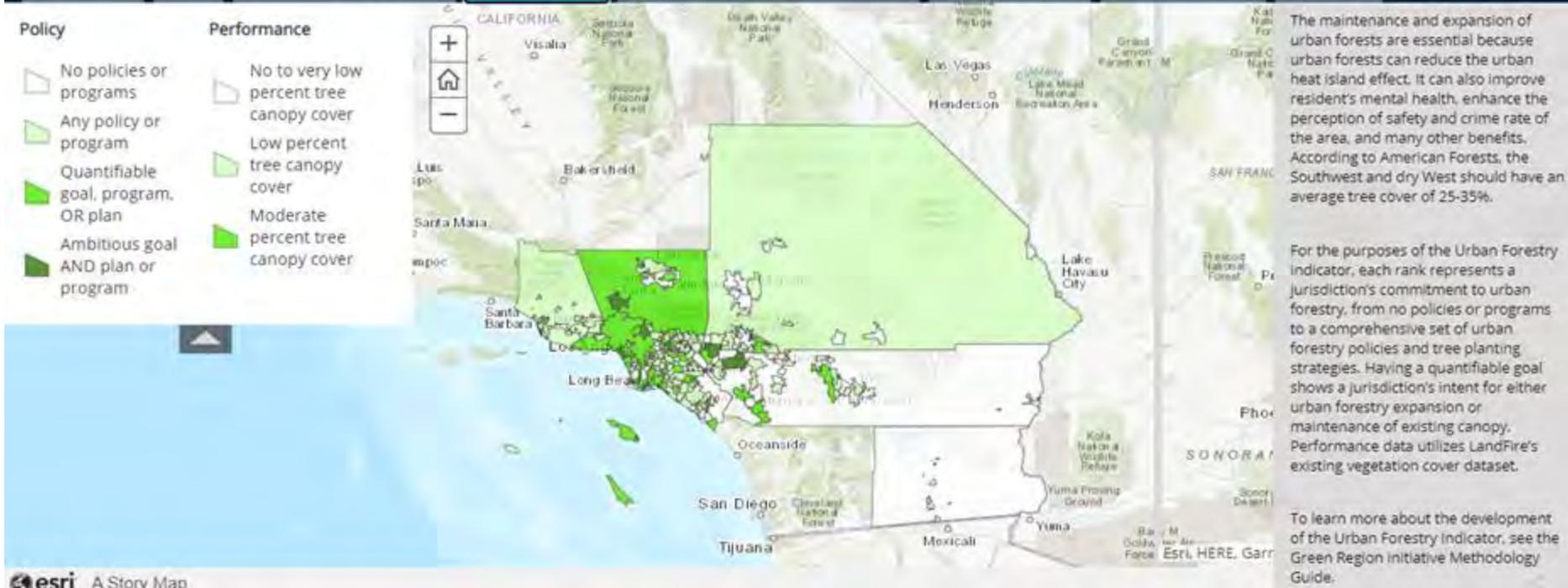
- Introduction
- Parks
- Stormwater Management
- Urban Forestry**
- SB 535 Disadvantaged Communities
- Category Average
- Consolidated Map
- Resources

Policy

- No policies or programs
- Any policy or program
- Quantifiable goal, program, OR plan
- Ambitious goal AND plan or program

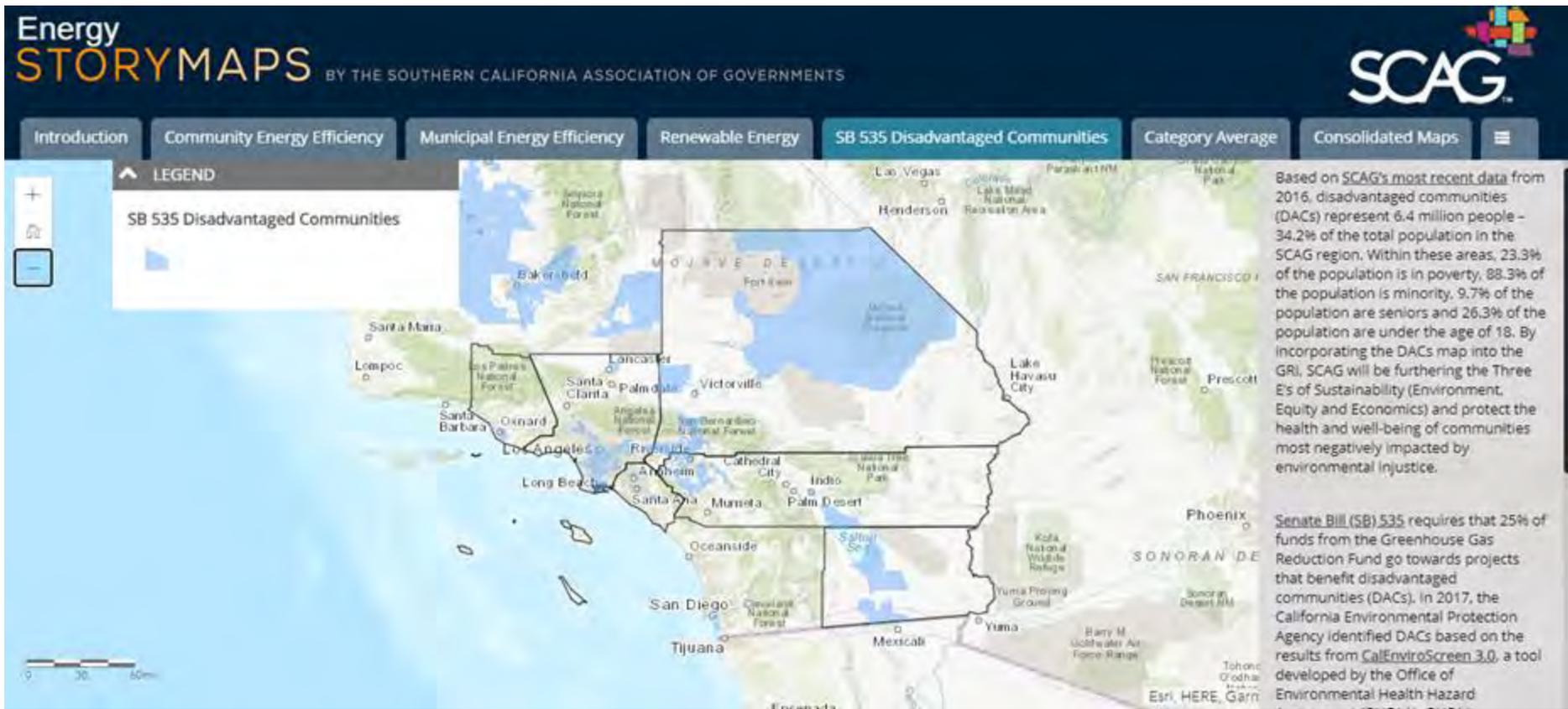
Performance

- No to very low percent tree canopy cover
- Low percent tree canopy cover
- Moderate percent tree canopy cover



esri A Story Map

Senate Bill (SB) 535 Disadvantaged Communities Map



Consolidated Map

Built Environment STORYMAPS BY THE SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

SCAG

Introduction Affordable Housing Community Green Building Municipal Green Building Parking Management SB 535 Disadvantaged Communities Category Average

Find address or place

Layer List

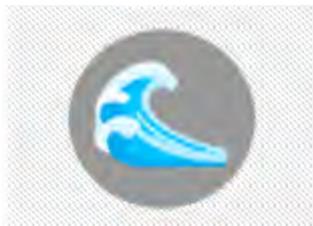
Layers

- SB 535 Disadvantaged Communities
- Affordable Housing Policy
- Community Green Building Policy
- Community Green Building Performance
- Municipal Green Building Policy
- Municipal Green Building Performance
- Parking Management Policy
- Built Environment Policy Category Average
- Built Environment Performance Category Average

Demo - v4.0 updates

Exploring v4.0 Updates

<http://sustain.scag.ca.gov/Pages/Sustainability%20Topics/SustainabilityTopics.aspx>



ADAPTATION



CLIMATE ACTION



MOTORIZED
TRANSPORTATION



URBAN GREENING

Next Steps

- Expand Health data
 - Replace HDI (Health Disadvantage Index) with HPI (Healthy Places Index) data
 - Incorporate a Safety Indicator
 - Safe Routes
 - Cool Streets and Cooling Center locations
- Expand Urban Greening data
 - Include Community/Urban Gardens
 - Update Urban Forestry data

Methodology Guide

To learn more

The screenshot shows a web browser address bar with the URL `sustain.scag.ca.gov/Pages/Sustainability%20Topics/SustainabilityTopics.aspx`. The page content is organized into a grid of sustainability topics, each with a representative icon:

- ACTIVE TRANSPORTATION
- ADAPTATION
- BUILT ENVIRONMENT
- CLIMATE ACTION
- ENERGY
- ENGAGEMENT
- HEALTH
- MOTORIZED TRANSPORTATION
- OPEN SPACE
- URBAN GREENING
- WASTE
- WATER

Below the grid, there is a section titled "Green Region Initiative 4.0 Documents" with a red arrow pointing to it. Under this section, there is a link: "Updating the Methodology Guide Link".

Below the documents section is a "Contact" section with the text: "If you have questions about the Green Region Initiative, please email scaggreenregion@scag.ca.gov."

Any Questions? Thank you!

SCAGgreenregion@scag.ca.gov

