



MEETING OF THE

ENERGY AND ENVIRONMENT COMMITTEE

Main Office

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Human Development
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Energy & Environment
Deborah Robertson, Rialto

Transportation
Alan Wapner, San Bernardino
Associated Governments

Thursday, July 2, 2015
10:00 a.m. – 12:00 p.m.

SCAG Main Office
818 W. 7th Street, 12th Floor
Policy Committee Room A
Los Angeles, CA 90017
(213) 236-1800

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<http://www.scag.ca.gov/committees/Pages/default.aspx>

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Energy and Environment Committee

Members – July 2015

Members

Representing

Chair*	1. Hon. Deborah Robertson	<i>Rialto</i>	District 8
Vice-Chair*	2. Hon. Carmen Ramirez	<i>Oxnard</i>	District 45
	3. Hon. Denis Bertone	<i>San Dimas</i>	SGVCOG
	* 4. Hon. Ross Chun	<i>Aliso Viejo</i>	TCA
	* 5. Hon. Margaret Clark	<i>Rosemead</i>	District 32
	6. Hon. Jordan Ehrenkranz	<i>Canyon Lake</i>	WRCOG
	* 7. Hon. Mitchell Englander	<i>Los Angeles</i>	District 59
	8. Hon. Larry Forester	<i>Signal Hill</i>	GCCOG
	9. Hon. Laura Friedman	<i>Glendale</i>	Arroyo Verdugo Cities
	10. Hon. Mike Gardner	<i>Riverside</i>	WRCOG
	11. Hon. Sandra Genis	<i>Costa Mesa</i>	OCCOG
	12. Hon. Ed Graham	<i>Chino Hills</i>	SANBAG
	13. Hon. Shari Horne	<i>Laguna Woods</i>	OCCOG
	* 14. Hon. Steve Hwangbo	<i>La Palma</i>	District 18
	15. Hon. Diana Mahmud	<i>South Pasadena</i>	SGVCOG
	16. Hon. Thomas Martin	<i>Maywood</i>	GCCOG
	* 17. Hon. Judy Mitchell	<i>Rolling Hills Estates</i>	District 40
	18. Hon. Geneva Mojado		Soboba Band of Luiseño Indians
	* 19. Hon. Mike Munzing	<i>Aliso Viejo</i>	District 12
	20. Hon. Jim Osborne	<i>Lawndale</i>	SBCCOG
	* 21. Hon. Linda Parks		Ventura County
	* 22. Hon. Greg Pettis	<i>Cathedral City</i>	District 2
	23. Hon. David Pollock	<i>Moorpark</i>	VCOG
	24. Hon. Lupe Ramos-Watson	<i>Indio</i>	CVAG
	25. Hon. Meghan Sahli-Wells	<i>Culver City</i>	WCCOG
	26. Hon. Eric Schmidt	<i>Hesperia</i>	SANBAG
	27. Mr. Steve Schuyler	<i>Building Industry Association of Southern California (BIASC)</i>	Ex-Officio
	* 28. Hon. John Sibert	<i>Malibu</i>	District 44
	* 29. Hon. Jack Terrazas		Imperial County
	30. Hon. Diane Williams	<i>Rancho Cucamonga</i>	SANBAG
	31. Hon. Edward Wilson	<i>Signal Hill</i>	GCCOG
	32. Hon. Bonnie Wright	<i>Hemet</i>	WRCOG

* Regional Council Member

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ENERGY & ENVIRONMENT COMMITTEE

AGENDA

JULY 2, 2015

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

CALL TO ORDER & PLEDGE OF ALLEGIANCE

(Hon. Deborah Robertson, Chair)

PUBLIC COMMENT PERIOD – Members of the public desiring to speak on items on the agenda, or items not on the agenda, but within the purview of the Committee, must fill out and present a speaker's card to the Assistant prior to speaking. Comments will be limited to three (3) minutes. The Chair may limit the total time for all comments to twenty (20) minutes.

REVIEW AND PRIORITIZE AGENDA ITEMS

ACTION ITEM

Time

Page No.

1. Minutes of the June 4, 2015 Meeting

Attachment

1

CONSENT CALENDAR

Receive and File

2. 2015 Regional Council and Policy Committees Meeting Schedule

Attachment

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3. SCAG Clean Cities Coalition Update

Attachment

8

4. SCAG Sustainability Planning Grants Program – Monthly Update

Attachment

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5. Quarterly Legislative Update

**To be distributed
at the meeting**

6. Cap-and-Trade Greenhouse Gas Reduction Fund: Affordable Housing & Sustainable Communities (AHSC) Program and State Expenditure Plan Update

Attachment

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ENERGY & ENVIRONMENT COMMITTEE

AGENDA

JULY 2, 2015

<u>INFORMATION ITEMS</u>		<u>Time</u>	<u>Page No.</u>
7. <u>2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Active Transportation Update</u> <i>(Alan Thompson, SCAG Staff)</i>	Attachment	30 mins.	27
8. <u>2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Natural/Farm Lands Update</u> <i>(Kristen Pawling, SCAG Staff)</i>	Attachment	30 mins.	47
9. <u>2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Program Environmental Impact Report (PEIR) Update and Preliminary Draft Outline</u> <i>(Lijin Sun, SCAG Staff)</i>	Attachment	15 mins.	60
10. <u>Recap of the 26th Annual SCAG/USC Demographic Workshop – June 1, 2015</u> <i>(Simon Choi, SCAG Staff)</i>	Attachment	20 mins.	65
11. <u>Lancaster Better Built Home Program and Home Water Recycling</u> <i>(Steve Patchan, SCAG Staff)</i>	Attachment	20 mins.	79

CHAIR'S REPORT

(Hon. Deborah Robertson, Chair)

STAFF REPORT

(Grieg Asher, SCAG Staff)

FUTURE AGENDA ITEMS

ANNOUNCEMENTS

ADJOURNMENT

There will be no meeting in August (dark). The next regular meeting of the Energy and Environment Committee (EEC) will be held on Thursday, September 3, 2015 at the SCAG Los Angeles Office.

Energy and Environment Committee
of the
Southern California Association of Governments
June 4, 2015

Minutes

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE ENERGY AND ENVIRONMENT COMMITTEE. A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE FOR LISTENING IN SCAG'S OFFICE.

The Energy and Environment Committee (EEC) held its meeting at the SCAG Los Angeles Office. The meeting was called to order by the Hon. Deborah Robertson, Chair. There was a quorum.

Members Present

Hon. Denis Bertone, San Dimas	SGVCOG
Hon. Margaret Clark, Rosemead	District 32
Hon. Jordan Ehrenkranz, Canyon Lake	WRCOG
Hon. Larry Forester, Signal Hill	GCCOG
Hon. Laura Friedman, Glendale	Arroyo Verdugo Cities
Hon. Mike Gardner, Riverside	WRCOG
Hon. Sandra Genis, Costa Mesa	OCCOG
Hon. Ed Graham, Chino Hills	District 10
Hon. Shari Horne, Laguna Woods	OCCOG
Hon. Diana Mahmud, South Pasadena	SGVCOG
Hon. Thomas Martin, Maywood	GCCOG
Hon. Judy Mitchell, Rolling Hills Estates	District 40
Hon. Mike Munzing, Aliso Viejo	District 12
Hon. Greg Pettis, Cathedral City	District 2
Hon. Deborah Robertson, Rialto (Chair)	District 8
Hon. Meghan Sahli-Wells, Culver City	WCCOG
Hon. Diane Williams, Rancho Cucamonga	SANBAG
Hon. Edward Wilson, Signal Hill	Gateway Cities

Members Not Present

Hon. Ross Chun, Aliso Viejo	TCA
Hon. Mitchell Englander, Los Angeles	District 59
Hon. Steve Hwangbo, La Palma	District 18
Hon. Geneva Mojado, Soboba Band of Luiseno Indians	Tribal COG
Hon. Linda Parks	Ventura County
Hon. David Pollock, Moorpark	VCOG
Hon. Carmen Ramirez, Oxnard	District 45
Hon. Lupe Ramos Watson, Indio	CVAG
Hon. Eric Schmidt, Hesperia	SANBAG
Mr. Steve Schuyler, Ex Officio	Building Industry Association
Hon. John Sibert, Malibu	District 44
Hon. Jack Terrazas	Imperial County
Hon. Bonnie Wright, Hemet	WRCOG

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Hon. Deborah Robertson, Rialto, called the meeting to order at 10:06 am. The Hon. Greg Pettis, Cathedral City, led the Committee in the Pledge of Allegiance.

PUBLIC COMMENT PERIOD

Leeor Alpern, South Coast Air Quality Management District (SCAQMD), announced that SCAQMD launched its electric lawnmower exchange program that it established over ten years ago. SCAQMD's clean air awards nominations are currently open and the winners will be announced at the awards luncheon in October 2015. Deadline for award submittals is July 1, 2015. The SCAQMD will be holding a control strategy symposium as it relates to South Coast Air Quality Management Plan (AQMP) on June 10 and 11, 2015 9:00 am 5:00 pm at SCAQMD auditorium in Diamond Bar.

REVIEW AND PRIORITIZE AGENDA ITEMS

ACTION ITEM

1. Transportation Control Measure (TCM) Substitutions by Los Angeles County Metropolitan Transportation Authority (Metro), Riverside County Transportation Authority (RCTC), and San Bernardino Associated Governments (SANBAG)

Rongsheng Luo, SCAG Staff, stated there had been three transportation control measure (TCM) substitutions requested by the Los Angeles County Metropolitan Transportation Authority (Metro), the Riverside County Transportation Commission (RCTC) and the San Bernardino Associated Governments (SANBAG). The SANBAG TCM Substitution request had been reported to the EEC in April 2015. TCMs are specifically defined in the federal Clean Air Act. TCMs are those transportation projects or programs that reduce air pollutant emissions by modifying trip patterns or vehicle use such as HOV lanes, public transit, or active transportation projects. TCMs are part of the overall control strategy to attain the federal air quality standards. As a result, these TCM projects or programs are specifically identified and committed in the most recently approved air plans.

If a committed TCM cannot be delivered or will be significantly delayed, the substitution of the TCM is required and follows the process specified in the federal Clean Air Act. The TCM substitution is a multiple-step process and requires actions to be carried out by the County Transportation Commission (CTC), California Air Resource Board (ARB), U.S. Environmental Protection Agency (EPA), and SCAG. When a committed TCM cannot be delivered or will be significantly delayed, the CTC needs to notify SCAG, identify candidate substitute TCM project, undertake the required TCM substitution analysis, and present it to SCAG's Transportation Conformity Working Group for interagency consultation.

SCAG staff then reviews the substitution analysis and releases the draft TCM substitution analysis for a minimum 15-day public comment period. After the public comment period, the TCM substitution is presented to this committee for recommendation to the Regional Council for adoption. Upon adoption by the Regional Council, the TCM substitution is submitted to the ARB

and the U.S. EPA for concurrence. The substitute TCM will become effective upon Regional Council's adoption and ARB and EPA's concurrence; meanwhile the TCM designation of the old TCM project will be rescinded. The CTC then works with SCAG staff to undertake an amendment to the current Federal Transportation Improvement Program (FTIP) to reflect the TCM substitution.

Mr. Luo briefly described each of the three TCM substitutions. SCAG staff has reviewed the three TCM substitutions and determined that they all meet Clean Air Act requirements.

SCAG staff requested that EEC recommend the Regional Council to adopt the three TCM substitutions and to direct SCAG staff to submit them to the U.S. EPA and ARB for concurrence.

After discussion by the committee members, a MOTION was made (Forester) to recommend that the Regional Council (RC) adopt TCM substitutions by Metro, RCTC, and SANBAG and direct staff to forward them to U.S. Environmental Protection Agency (EPA) and California Air Resources Board (ARB) for concurrence. The MOTION was SECONDED (Mahmud) and APPROVED by the following votes:

AYES: Bertone, Ehrenkranz, Forester, Friedman, Genis, Mahmud, Martin, Mitchell, Munzing, Robertson, Sahli-Wells, Williams, Wilson, Graham, Gardner, Osborne, Horne, Pettis
NOES: None
ABSTAIN: Clark

2. Minutes of the April 2, 2015 Meeting

A MOTION was made (Forester) to move the Minutes. The MOTION was SECONDED (Munzing) and APPROVED by the following votes:

AYES: Bertone, Clark, Ehrenkranz, Forester, Genis, Mahmud, Martin, Munzing, Parks, Pollock, Ramirez, Robertson, Sahli-Wells, Sibert, Terrazas, Williams, Wilson
NOES: None
ABSTAIN: Bertone, Clark, Gardner, Friedman, Pettis

CONSENT CALENDAR

Receive and File

3. 2015 Regional Council and Policy Committees Meeting Schedule
4. Cap-and-Trade Greenhouse Gas Reduction Fund: Affordable Housing and Sustainable Communities Program Update – Concept Applications Process & Recommendation
5. SCAG Sustainability Planning Grants Program – Monthly Update
6. Governor Brown's Executive Order to Reduce Urban Water Use

A MOTION was made (Forester) to move the Consent Calendar. The MOTION was SECONDED (Genis) and APPROVED by the following votes:

- AYES: Ehrenkranz, Forester, Genis, Mahmud, Martin, Mitchell, Munzing, Robertson, Sahli-Wells, Williams, Wilson, Graham, Osborne, Horne, Friedman, Bertone, Clark, Gardner, Pettis
- NOES: None
- ABSTAIN: None

INFORMATION ITEMS

7. 2016 South Coast Air Quality Management Plan (AQMP) Update

The Air Quality Management Plan is required by the federal and state law to be prepared to demonstrate attainment of federal and state air quality standards. The South Coast Air Quality Management District (SCAQMD) is the lead agency for the development of the 2016 South Coast AQMP. SCAG is required to prepare its portion of the 2016 AQMP, the Regional Transportation Strategy and Control Measures, based on the upcoming 2016 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS).

Huasha Liu, SCAG Director, Land Use & Environmental Planning, introduced Dr. Philip Fine, Deputy Executive Officer, SCAQMD, who briefed the EEC on the development of the 2016 SCAQMP, attainment demonstration, and additional analysis. The SCAQMD will continue working with SCAG staff on demographics, growth factors, and transportation control measures to complete the development of the plan. To kick off the 2016 AQMP, SCAQMD is holding its Control Strategy Symposium on June 10-11, 2015, 9:00 am-5:00 pm, 21865 Copley Drive, Diamond Bar.

8. 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Environmental Justice Workshops Update

Ma'Ayn Johnson, SCAG Staff, stated that as a government agency which receives federal funding, SCAG is required to conduct an environmental justice analysis as part of the 2016-2040 RTP/SCS development process. A key component of SCAG's environmental justice analysis is public outreach and participation, which serves to distribute information to interested parties, and also receive public input and engage stakeholders in the process. SCAG has conducted three workshops, one in November 2014 and two in April 2015, to provide information on the environmental justice process of the 2016-2040 RTP/SCS and seek input from stakeholders and the public. In the next few months, SCAG will hold additional public workshops and other opportunities for input on the process.

9. Recap of 26th Annual SCAG/USC Demographic Workshop – June 1, 2015

A summary report was provided as part of the agenda packet.

CHAIR'S REPORT - None

STAFF REPORT – None

Hon. Diane Williams, SANBAG, asked if staff has selected and distributed lists for the 2015 RTP/SCS Workshops. Hon. Deborah Robertson asked that staff follow up the Hon. Diane Williams question and get back to the committee.

FUTURE AGENDA ITEMS -

- Hon. Laura Friedman: Caltrans to give a report on why the agency is sending letters to cities who are building apartments along transit corridors in accordance with the state's Smart Growth Principals.
- Hon. Deborah Robertson:
 - Invite US EPA to discuss issues surrounding Superfund Sites
 - Best practices to conserve water for the California's current Stage 3 Water Alert

ANNOUNCEMENTS - None

ADJOURNMENT

Hon. Deborah Robertson adjourned the meeting at 11:58 am.

The next meeting of the Energy & Environment Committee will be held on Thursday, July 2, 2015 at the SCAG Los Angeles Office.



2015 MEETING SCHEDULE

REGIONAL COUNCIL AND POLICY COMMITTEES

Main Office
 818 West Seventh Street
 12th Floor
 Los Angeles, California
 90017-3435
 t (213) 236-1800
 f (213) 236-1825
 www.scag.ca.gov

All Regular Meetings are scheduled on the 1st Thursday of each month; except for the month of October*	
Executive/Administration Committee (EAC)	9:00 AM – 10:00 AM
Community, Economic and Human Development Committee (CEHD)	10:00 AM – 12:00 PM
Energy and Environment Committee (EEC)	10:00 AM – 12:00 PM
Transportation Committee (TC)	10:00 AM – 12:00 PM
Regional Council (RC)	12:15 PM – 2:00 PM

Officers
 President
 Cheryl Viegas-Walker, El Centro

 First Vice President
 Michele Martinez, Santa Ana

 Second Vice President
 Margaret Finlay, Duarte

 Immediate Past President
 Carl Morehouse, San Buenaventura

**Executive/Administration
 Committee Chair**
 Cheryl Viegas-Walker, El Centro

Policy Committee Chairs
 Community, Economic and
 Human Development
 Bill Jahn, Big Bear

 Energy & Environment
 Deborah Robertson, Rialto

 Transportation
 Alan Wapner, San Bernardino
 Associated Governments

January 1, 2015 (DARK)

February 5, 2015

March 5, 2015

April 2, 2015

**May 7 – 8, 2015
 (2015 SCAG Regional Conference & General Assembly)**

June 4, 2015

July 2, 2015

August 6, 2015 (DARK)

September 3, 2015

October 8, 2015*

(Note: League of California Cities Annual Conference, San Jose, CA, on Sept. 30 – Oct. 2)

November 5, 2015

December 3, 2015

The Regional Council consists of 86 elected officials representing 191 cities, six counties, six County Transportation Commissions, one representative from the Transportation Corridor Agencies, one Tribal Government representative and one representative for the Air Districts within Southern California.

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DATE: July 2, 2015
TO: Energy and Environment Committee (EEC)
FROM: Marco Anderson, Senior Regional Planner, SCAG Clean Cities Coordinator, anderson@scag.ca.gov, (213) 236-1879
SUBJECT: SCAG Clean Cities Coalition Update

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:
For Information Only - No Action Required.

EXECUTIVE SUMMARY:
The Clean Cities Program, established by the U.S. Department of Energy and administrated directly by SCAG since 2010, is designated to support locally-based and government partnership efforts to expand the use of vehicles operating on alternative fuels in the SCAG region. SCAG staff will provide an annual update to the Energy and Environment Committee in regard to the Coalition's recent efforts.

STRATEGIC PLAN:
This item supports SCAG's Strategic Plan Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective a: Create and Facilitate a Collaborative and Cooperative Environment to Produce Forward Thinking Regional Plans.

BACKGROUND:
The Clean Cities Program was established by the U.S. Department of Energy (DOE) and designated to support locally based government/industry partnerships in the expanded use of vehicles operating on alternative fuels. The mission of the Clean Cities Program is to advance the nation's economic, environmental and energy security by supporting local decisions to adopt practices that contribute to the reductions of petroleum consumption. Clean Cities carries out this mission through a network of coalitions, which develop public/private partnerships to promote alternative fuels and vehicles, fuel blends, fuel economy, hybrid vehicles, and idle reduction.

In 2010, the Regional Council directed SCAG staff to assume the lead administrative role of the Southern California Clean Cities Program. The SCAG (or Southern California) Clean Cities Coalition (CCC) coordinates the activities of both private and public sector proponents of alternative fuel vehicles (AFVs) by providing a forum to discover commonalties, collaborate on public policy, investigate opportunities for joint projects, leverage scarce resources and cooperate on promoting the benefits of AFVs throughout the region.

2014 ANNUAL REPORT (Stakeholder Survey) UPDATE:
As part of its reporting to the DOE, the SCAG CCC conducts a survey of its stakeholders each year in order to gauge the use of alternative fuels in the region. SCAG received nearly 25 responses from SCAG member cities, local jurisdictions, transit operators and private fleets. The regional survey accounted for 55,713,748 of Gasoline Gallon Equivalent (GGE) displaced.

REPORT

PROJECT UPDATE(S):

In coordination with other regional stakeholders and Clean Cities Coalitions, the SCAG Clean Cities program has been working on revamping its stakeholder outreach and participation. Recent project accomplishments include:

Bay Area Air Quality Management District (AQMD)/South Coast AQMD Alternative Fuel Infrastructure Planning Grant

- In 2013 and 2014, this project collected and summarized best practices for implementation of Electric Vehicle, Hydrogen, Natural Gas, and Propane fueling infrastructure.
- SCAG staff administered SCAQMD funding for itself as well as the Antelope Valley CCC, Coachella Valley CCC, Long Beach CCC, and Western Riverside CCC.
- SCAG CCC coordinated regional Natural Gas, Electric Vehicle, and Propane sub regional needs assessment

SCAG Clean Cities/e4 Advanced Transportation Center Partnership

- In 2013 and 2014 SCAG and the newly funded e4 Advanced Transportation Center (administered by the Los Angeles Economic Development Corporation (LAEDC) partnered on four webinars to brief member cities on relevant DOE and California Energy Commission (CEC) grant opportunities.

DOE RE-DESIGNATION UPDATE & NEXT STEPS:

In October 2011, the SCAG Clean Cities program was re-designated by the DOE for another three year cycle. The SCAG Clean Cities will be up for re-designation September 2015. The DOE recommended the SCAG Clean Cities program consider pursuing the following measures:

- Continue outreach to all jurisdictions represented by SCAG to document as much petroleum displacement from alternative fuel use, vehicle miles traveled reduction and other Clean Cities portfolio elements as possible, and to attract additional stakeholders to the coalition.
- Work with NREL to develop additional video features for Clean Cities TV that focus on some of SCAG Clean Cities' recent successes.
- Work closely with the other Clean Cities Coalitions in Southern California and the AQMD to develop a coordinated regional approach to meeting the national Clean Cities goals.

In May 2015, California Energy Commission (CEC) awarded SCAG a grant for \$125,000 to analyze barriers and propose solutions for increasing installation of Plug-in Electric Vehicle recharging in Multi-family Housing (referred to as Multi-Unit Dwellings by CEC). SCAG staff will leverage Clean Cities Coalition resources to conduct outreach and manage that grant opportunity.

FISCAL IMPACT:

Funding is included in SCAG's FY 2014-15 Overall Work Program (OWP) Budget. Staff's work budget for the current fiscal year are included in FY 2014-15 OWP 267. SCG01241.03

ATTACHMENT:

PowerPoint Presentation: "Clean Cities Coalition Update June 2015"

SCAG Clean Cities Coalition 2014 Annual Survey

Thursday, July 2, 2015

Marco Anderson
Sr. Regional Planner



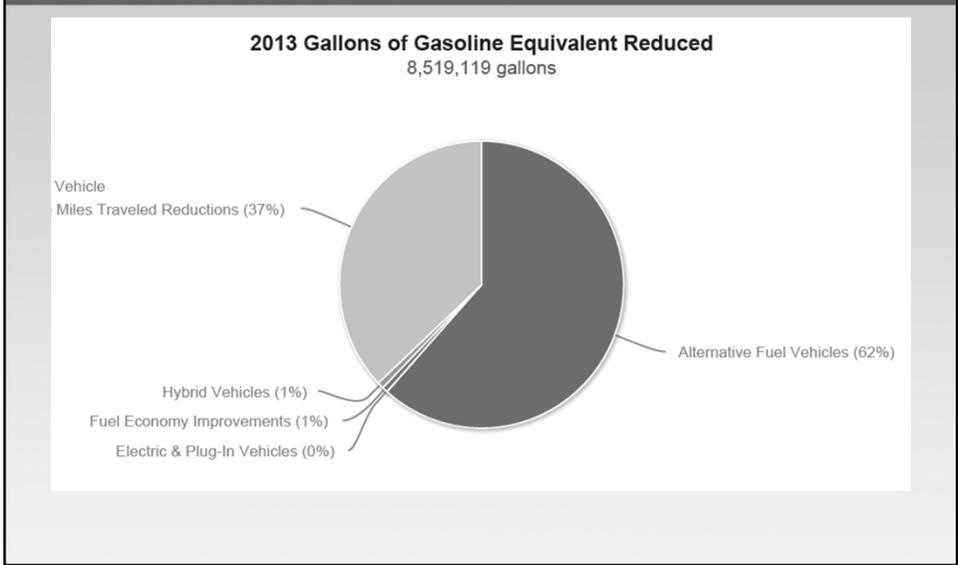
SCAG Clean Cities Coalition

The SCAG (Southern California) Clean Cities Coalition includes parts of Los Angeles County, Orange, San Bernardino, Ventura and Imperial

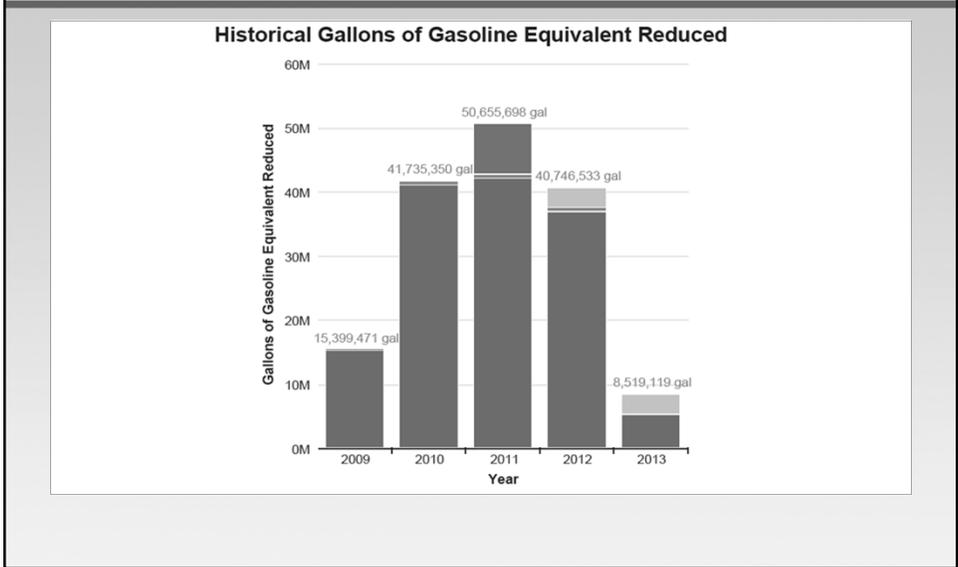
- Originally designated in 1996
- Clean Cities is SCAG program component (since 2010)
- The Coalition reports to SCAG's Energy & Environment Policy Committee (EEC) & RTTAC
- 200 + stakeholders/ members
- Four other Coalitions located within SCAG region: LA City, Long Beach, Western Riverside, & Coachella Valley
- Coalition funded through US Dept of Energy (DOE) program contract and available California Energy Commission (CEC) Grant Funding



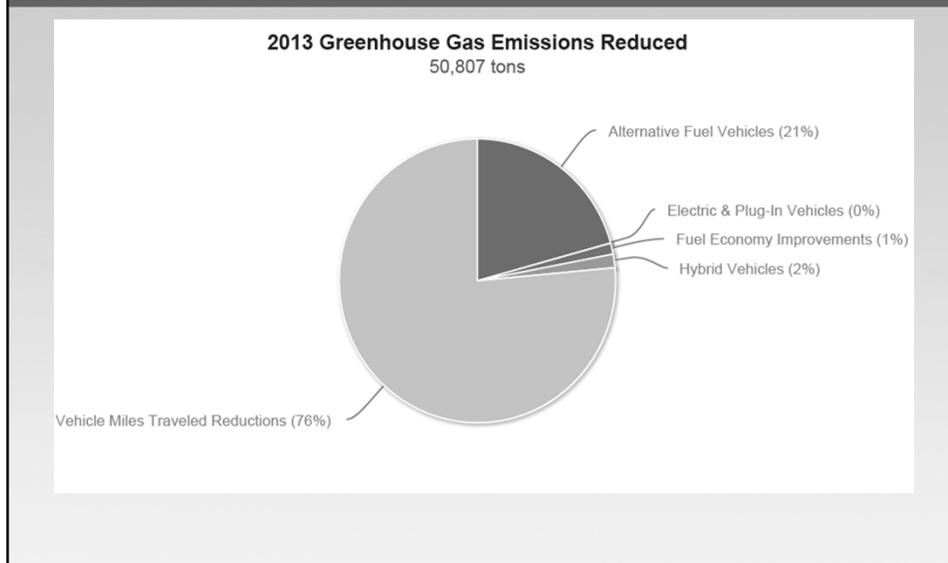
2013 Gallons of Gasoline Equivalent (GGe) Reductions



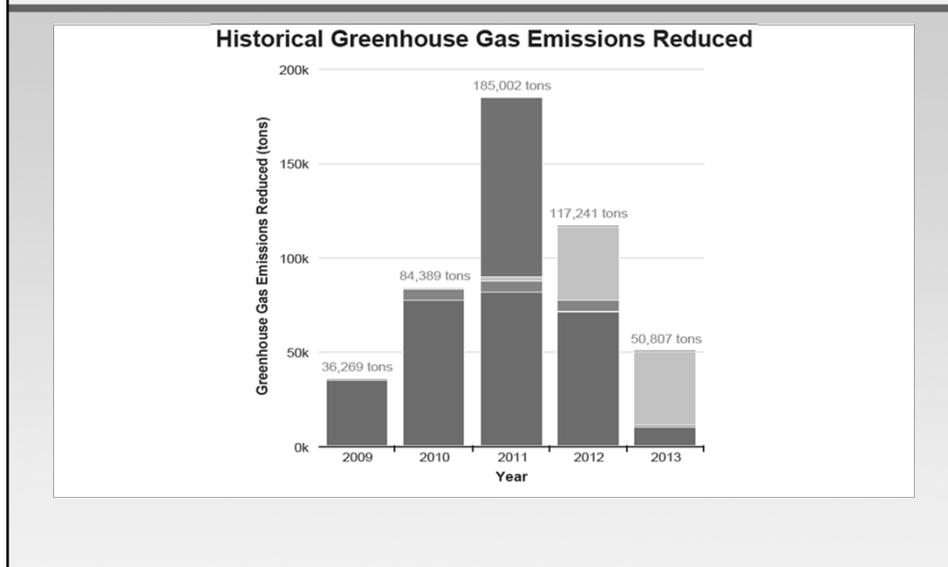
Gallons of Gasoline Equivalent (GGe) Reductions



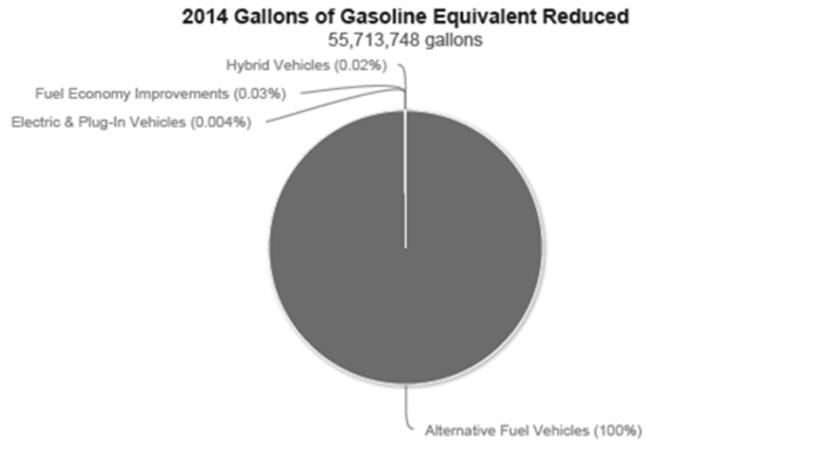
2013 Greenhouse Gas Emissions (GHG) Reductions



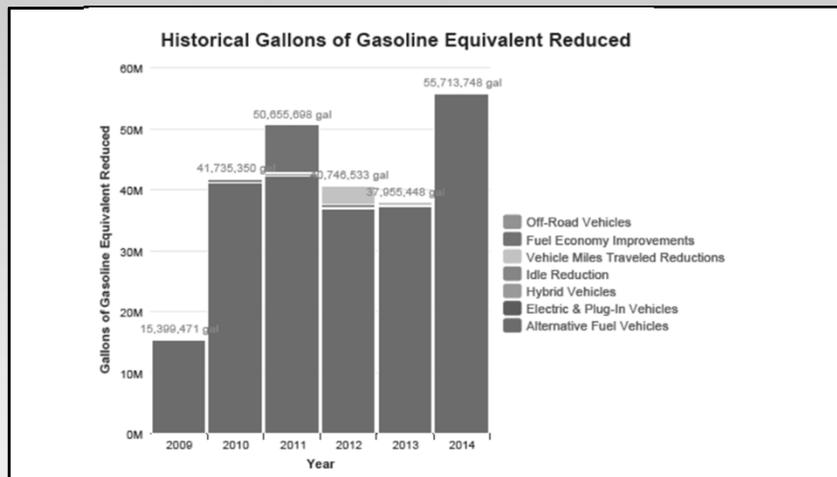
Greenhouse Gas Emissions (GHG) Reductions



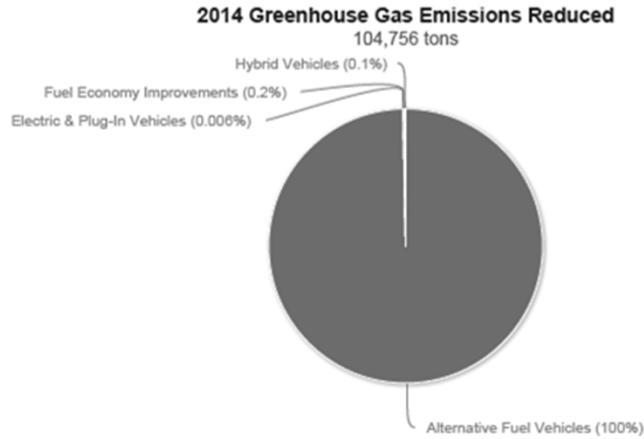
2014 Gallons of Gasoline Equivalent (GGe) Reductions



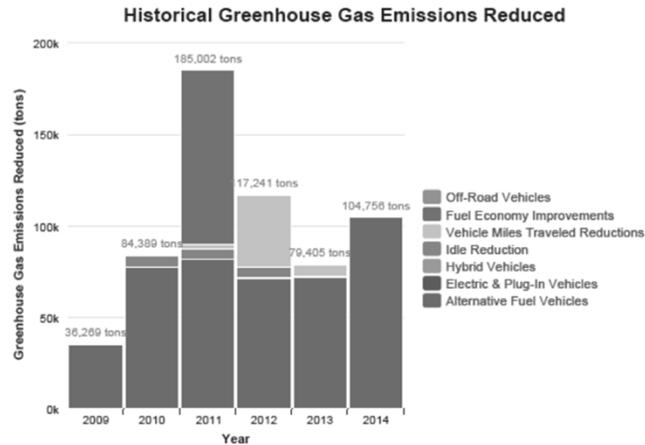
2014 Gasoline Equivalent (GGe) Reductions



2014 Greenhouse Gas Emissions (GHG) Reductions



Greenhouse Gas Emissions (GHG) Reductions



Next Steps

- 2014 Survey – Solicitation begins February 2015 Survey Complete March 2015
- Upcoming Coalition Activities
 - Managing Mixed Fuel Fleets Webinar (Feb. 12)
 - Renewable Natural Gas Briefings
- One-on-One Stakeholder Interviews
 - Funding opportunities
 - Information distribution
 - Additional input?
 - Questions?

For more information:
Marco Anderson
Sr. Regional Planner
anderson@scag.ca.gov



DATE: July 2, 2015

TO: Regional Council (RC)
Executive/Administration Committee (EAC)
Community, Economic, and Human Development (CEHD) Committee
Energy and Environment Committee (EEC)
Transportation Committee (TC)

FROM: Huasha Liu, Director, Land Use and Environmental Planning, liu@scag.ca.gov, 213-236-1838

SUBJECT: SCAG Sustainability Planning Grants Program – Monthly Update

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:
Receive and File.

EXECUTIVE SUMMARY:

SCAG is providing a monthly update regarding successful implementation of (75) Sustainability Grants to member agencies. Forty-four (44) of the seventy-five (75) approved SCAG Sustainability Planning Grants were funded in the fall of 2013. An additional fifteen (15) projects were funded in the summer of 2014. Six of these projects will be funded by an award to SCAG from the California Strategic Growth Council. The remaining projects were funded in the fall of 2014. At the time this report was distributed, seventy (70) grant projects have had Scopes of Work developed and finalized, sixty-nine (69) grant projects have had Request for Proposals (RFPs) released, sixty-seven (67) grant projects have selected consultants, and fifty-two (52) grant projects have had contracts executed (this includes contracts resulting from Memoranda of Understanding between SCAG and the following Cities and funding contributions: West Covina - \$200,000; Indio - \$175,000; Westminster - \$200,000; and Fountain Valley - \$200,000. These funding contributions are consistent with the Sustainability Grant amount the Regional Council previously authorized).

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; and Goal 4: Develop, Maintain and Promote the Utilization of State of the Art Models, Information Systems and Communication Technologies.

BACKGROUND:

On September 12, 2013, the Regional Council approved seventy-three (73) Sustainability Planning Grant projects and directed staff to proceed with funding projects with available funds for Phases I and Phase II projects (total of 44 projects). The remaining projects comprised Phase III and are proceeding as additional funds have become available in FY 2014/2015. An additional fifteen (15) projects were funded in the summer of 2014. On August 7, 2014 the Regional Council approved adding two (2) Sustainability Planning Grant projects to the approved list for a new total of seventy-five (75) projects. On October 2, 2014 the Regional Council approved funding for the remaining projects on the list.

REPORT

SCAG staff is providing monthly updates to the Board regarding implementation of the seventy-five (75) grants. At the time this report was distributed, seventy (70) grant projects have had Scopes of Work developed and finalized, sixty-nine (69) grant projects have had Request for Proposals (RFPs) released, sixty-seven (67) grant projects have selected consultants, and fifty-two (52) grant projects have had contracts executed (this includes contracts resulting from Memoranda of Understanding between SCAG and the following Cities and funding contributions: West Covina - \$200,000; Indio - \$175,000; Westminster - \$200,000; and Fountain Valley - \$200,000. These funding contributions are consistent with the Sustainability Grant amount the Regional Council previously authorized).

FISCAL IMPACT:

Funding is included in SCAG's FY 2014-15 Overall Work Program (OWP) Budget. Staff's work budget for the current fiscal year are included in FY 2014-15 OWP 065.SCG02663.02.

ATTACHMENT:

Summary Progress Chart

SCAG Sustainability Planning Grants

June 18, 2015

Regional Council Progress Update

Rank	Applicant	Project	Working /				
			Last Contact	Scope	RFP	Selection	Contract
Phase 1 (Available funds FY 13-14)							
1	San Bernardino County	Bloomington Area Valley Blvd. Specific Plan Health and Wellness Element - Public health; Active transportation; Livability; Open space	x	x	x	x	x
2	Los Angeles - Department of City Planning	Van Nuys & Boyle Heights Modified Parking Requirements - Economic development; TOD; Livability	x	x	x	x	x
3	Los Angeles - Department of City Planning	Bicycle Plan Performance Evaluation - Active transportation; performance measures	x	x	x	x	x
4	Western Riverside Council of Governments	Public Health: Implementing the Sustainability Framework - Public health; Multi-jurisdiction coordination; Sustainability	x	x	x	x	x
5	Santa Ana	Complete Streets Plan - Complete streets; Active transportation; Livability	x	x	x	x	x
6	San Bernardino Associated Governments	Climate Action Plan Implementation Tools - GHG reduction; Multi-jurisdiction coordination; Implementation	x	x	x	x	x
7	Riverside	Restorative Growthprint Riverside - GHG reduction; Infrastructure investment; Economic development	x	x	x	x	x
8	Orange County Parks	Orange County Bicycle Loop - Active transportation; Multi-jurisdictional; Public health	x	x	x	x	x
9	Ventura County	Connecting Newbury Park - Multi-Use Pathway Plan - Active transportation; Public health; Adaptive re-use	x	x	x	x	x
10	Imperial County Transportation Commission	Safe Routes to School Plan - Multi-modal; Active transportation	x	x	x	x	x
11	Yucaipa	College Village/Greater Dunlap Neighborhood Sustainable Community - Complete Streets; TOD	x	x	x	x	x

Rank	Applicant	Project	Working /				
			Last Contact	Scope	RFP	Selection	Contract
12	Las Virgenes-Malibu Council of Governments	Multi-Jurisdictional Regional Bicycle Master Plan - Active transportation; Public health; Adaptive re-use	x	x	x	x	x
13	Eastvale	Bicycle & Pedestrian Master Plan - Active Transportation	x	x	x	x	x
14	West Covina	Downtown Central Business District - Multi-modal; Active transportation	x	x	x	x	x
15	Placentia	General Plan/Sustainability Element & Development Code Assistance - General Plan Update; Sustainability Plan	x	x	x	x	x
16	Paramount/Bellflower	Regional Bicycle Connectivity - West Santa Ana Branch Corridor - Active transportation; multi-jurisdiction	x	x	x	x	x
17	Costa Mesa	Implementation Plan for Multi-Purpose Trails - Active Transportation	x	x	x	x	x
Phase 2 (Available funds)							
18	Fullerton	East Wilshire Avenue Bicycle Boulevard - Active transportation; Livability; Demonstration project	x	x	x	x	x
19	Beaumont	Climate Action Plan - GHG reduction	x	x	x	x	x
20	Palm Springs	Sustainability Master Plan Update - Leverages larger effort; commitment to implement	x	x	x	x	x
21	Big Bear Lake	Rathbun Corridor Sustainability Plan - Multi-modal; Economic development; Open space	x	x	x	x	x
22	Western Riverside Council of Governments	Land Use, Transportation, and Water Quality Planning Framework - Integrated planning, Sustainability	x	x	x	x	x
23	Anaheim	Bicycle Master Plan Update - Active transportation	x	x	x	x	x
24	Ontario	Ontario Airport Metro Center - Multi-modal; Visualization; Integrated planning	N/A				
25	Coachella Valley Association of Governments	CV Link Health Impact Assessment - Active transportation; Public health; Multi-jurisdiction	x	x	x	x	x

Rank	Applicant	Project	Working /				
			Last Contact	Scope	RFP	Selection	Contract
26	San Bernardino Associated Governments	San Bernardino Countywide Complete Streets Strategy - Multi-modal; Livability; Multi-jurisdiction	x	x	x	x	x
27	Chino Hills	Climate Action Plan and Implementation Strategy - GHG reduction; Implementation; Sustainability	x	x	x	x	x
28	Coachella	La Plaza East Urban Development Plan - Mixed-use, TOD, Infill	x	x	x	x	x
29	South Bay Bicycle Coalition/Hermosa, Manhattan, Redondo	Bicycle Mini-Corral Plan - Active transportation; implementable; good value	x	x	x	x	x
30	Hawthorne	Crenshaw Station Area Active Transportation Plan and Overlay Zone - Multi-modal; Active transportation; GHG reduction	x	x	x	x	x
31	Chino	Bicycle & Pedestrian Master Plan - Multi-modal; Active transportation	x	x	x	x	x
32	Stanton	Green Planning Academy - Innovative; Sustainability; Education & outreach	x	x	x	x	x
33	Hermosa Beach	Carbon Neutral Plan - GHG reduction; Sustainability	x	x	x	x	x
34	Palm Springs	Urban Forestry Initiative - Sustainability; Unique; Resource protection	x	x	x	x	x
35	Orange County	"From Orange to Green" - County of Orange Zoning Code Update - Sustainability; implementation	x	x	x	x	x
36	Calimesa	Wildwood and Calimesa Creek Trail Master Plan Study - Active transportation; Resource protection	x	x	x	x	x
37	Western Riverside Council of Governments	Climate Action Plan Implementation - GHG Reduction; Multi-jurisdiction; implementation	x	x	x	x	x
38	Lynwood	Safe and Healthy Community Element - Public health & safety, General Plan update	x	x	x	x	x

Rank	Applicant	Project	Working /				
			Last Contact	Scope	RFP	Selection	Contract
39	Palmdale	Avenue Q Feasibility Study - Mixed-use; Integrated planning	x	x	x	x	x
40	Long Beach	Willow Springs Wetland Habitat Creation Plan - Open Space; Resource protection	x	x	x	x	x
41	Indio	General Plan Sustainability and Mobility Elements - Sustainability; Multi-modal, General Plan update	x	x	x	x	x
42	Glendale	Space 134 - Open space/Freeway cap; Multi-modal	x	x	x	x	x
43	Rancho Palos Verdes/City of Los Angeles	Western Avenue Corridor Design Implementation Guidelines - Urban Infill; Mixed-use; Multi-modal	x	x	x	x	x
44	Moreno Valley	Nason Street Corridor Plan - Multi-modal; Economic development	x	x	x	x	x
Phase 3 (Pending additional funds)							
45	Park 101/City of Los Angeles	Park 101 District - Open space/Freeway cap; Multi-modal	x	x	x	x	
46	Los Angeles/San Fernando	Northeast San Fernando Valley Sustainability & Prosperity Strategy - Multi-jurisdiction; Economic development; Sustainability	x	x	x	x	x
47	San Dimas	Downtown Specific Plan - Mixed use; Infill	x	x	x	x	
48	Los Angeles - Department of City Planning	CEQA Streamlining: Implementing the SCS Through New Incentives - CEQA streamlining	x	x	x	x	
49	Pico Rivera	Kruse Road Open Space Study - Open space; Active transportation	x	x	x	x	x
50	South Bay Cities Council of Governments	Neighborhood-Oriented Development Graphics - public outreach	x	x	x	x	x
51	San Bernardino Associated Governments	Safe Routes to School Inventory - Active transportation; Public health	x	x	x	x	x
52	Burbank	Mixed-Use Development Standards - Mixed use; Urban infill	x	x	x	x	

Rank	Applicant	Project	Working / Last Contact	Scope	RFP	Selection	Contract
53	San Bernardino Associated Governments	Countywide Habitat Preservation/Conservation Framework - Open Space; Active Transportation	N/A				
54	Rancho Cucamonga	Healthy RC Sustainability Action Plan - Public health; implementation	x	x	x	x	
55	Pasadena	Form-Based Street Design Guidelines - Complete Streets; Multi-modal; Livability	x	x	x	x	
56	South Gate	Gateway District/Eco Rapid Transit Station Specific Plan - Land Use Design; Mixed Use; Active Transportation	x	x	x		
57	Lancaster	Complete Streets Master Plan - Complete Streets Plan	x	x	x	x	
58	Rancho Cucamonga	Feasibility Study for Relocation of Metrolink Station - Transit Access	x	x	x	x	
59	Santa Clarita	Soledad Canyon Road Corridor Plan - Land Use Design; Mixed Use Plan	N/A				
60	Seal Beach	Climate Action Plan - Climate Action Plan	x	x	x	x	
61	La Mirada	Industrial Area Specific Plan - Land Use Design	N/A				
62	Hemet	Downtown Hemet Specific Plan - Land Use Design; Mixed Use Plan	x	x	x	x	
63	Hollywood Central Park/City of Los Angeles	Hollywood Central Park EIR - Open Space/Freeway Cap; Multi-modal	x	x	x		
64	Desert Hot Springs	Bicycle/Pedestrian Beltway Planning Project - Active Transportation	N/A				
65	Cathedral City	General Plan Update - Sustainability - General Plan Update; Sustainability Plan	x	x	x	x	x
66	Westminster	General Plan Update - Circulation Element - General Plan Update; Complete Streets	x	x	x	x	x
67	La Canada Flintridge	Climate Action Plan - Climate Action Plan	x	x	x	x	
68	Huntington Beach	Neighborhood Electric Vehicle Plan - Electric Vehicle	x	x	x	x	
69	Pasadena	Green House Gas (GHG) Emission Reduction Evaluation Protocol - Climate Action Plan	x	x	x	x	x

Rank	Applicant	Project	Working /				
			Last Contact	Scope	RFP	Selection	Contract
70	San Bernardino Associated Governments	Countywide Bicycle Route Mobile Application - Active Transportation	x	x	x	x	
71	Dana Point	General Plan Update - General Plan Update	x				
72	Garden Grove	RE:IMAGINE Downtown - Pedals & Feet - Active Transportation; Infill	x	x	x	x	
73	Barstow	Housing Element and Specific Plan Update - Housing; Land Use Design	x	x	x	x	
74	Bell	General Plan Update - General Plan Update	x	x	x	x	x
75	Fountain Valley	Euclid/I-405 Overlay Zone - Mixed use; Urban infill	x	x	x	x	x

DATE: July 2, 2015

TO: Regional Council (RC)
Community, Economic and Human Development Committee (CEHD)
Energy and Environment Committee (EEC)
Executive Administration Committee (EAC)
Transportation Committee (TC)

FROM: Huasha Liu, Land Use & Environmental Planning Director, (213) 236-1838,
liu@scag.ca.gov

SUBJECT: Cap-and-Trade Greenhouse Gas Reduction Fund: Affordable Housing & Sustainable Communities (AHSC) Program and State Expenditure Plan Update

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION FOR EAC, CEHD AND RC:

Approve the Affordable Housing & Sustainable Communities (AHSC) Action Plan.

RECOMMENDED ACTION FOR EEC AND TC:

For Information Only - No Action Required.

EXECUTIVE SUMMARY:

On June 30, 2015, the Strategic Growth Council (SGC) is scheduled to finalize awards for the 2014-2015 Affordable Housing & Sustainable Communities (AHSC) Program. Per SGC staff's recommendation released on June 19, 2015, only 9 projects in the SCAG region are to be awarded for Round One, totaling \$27,475,736 million. This represents only 22.5% of the total funding statewide, compared to 50% of the state's population and 67% of the state's Disadvantaged Communities. SCAG's elected leadership will attend the June 30 meeting and request that SGC fully fund the remaining projects in the SCAG region and ensure that SGC regards greater regional equity in future rounds.

In addition to seeking legislative revisions to the program and working with SGC to revise program guidelines for future rounds, SCAG has developed an AHSC Action Plan as part of an overarching strategy to secure the region's fair share of Cap and Trade Funding. The Action Plan outlines specific goals and strategies such as collaboration, technical assistance, and outreach to bolster the performance of the SCAG region in this competitive grant program for Round Two and future rounds. The 2015-2016 State Budget outlines a Cap-and-Trade Expenditure Plan for Fiscal Year 2015-2016 with an increase of \$270 million for the AHSC program, totaling \$400 million. The entire Greenhouse Gas Reduction Fund (GGRF) will reach at least \$2.2 billion for Fiscal Year 2015-2016 and is expected to grow in future years.

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan, Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective a) Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans.

REPORT

BACKGROUND:

The AHSC Program is a statewide competitive program to provide grants and loans for affordable housing, infill and compact transit-oriented development, and infrastructure connecting these projects to transit. The Strategic Growth Council and Department of Housing and Community Development (HCD) administer the program, including project evaluation and the approval of funding awards. This year, shortly after SGC approved final guidelines for the 2014-15 AHSC Program, 50 proposals from the SCAG region were submitted among the 147 proposals submitted statewide. Of these, 13 are from the SCAG region out of the 54 concept proposals from around the state were invited by SGC to submit full applications for funding consideration. This number from the SCAG region represents just 24% of the total number of statewide projects invited to apply.

Per SGC staff's recommendation released on June 19, 2015, only 9 projects in the SCAG region are to be awarded funding for Round One, totaling \$27,475,736 million. This represents only 22.5% of the total funding statewide. With the SCAG region representing 50% of the state's population and 67% of the state's Disadvantaged Communities, this is far below the region's fair share.

On June 30, SCAG's elected leadership will testify at the SGC meeting to request that SGC fully fund the remaining projects in the SCAG region and that SGC makes revisions to forthcoming program guidelines to ensure that regional equity is achieved.

Next Steps and Actions Plan

While the SGC will be hosting a "Lessons Learned: Round One" Workshop on July 20, 2015 at Caltrans District 7 Headquarters, SCAG is seeking legislative revisions to the program and working with SGC to revise the program guidelines for future rounds, SCAG is simultaneously developing a comprehensive "Action Plan" to competitively position applications from the SCAG region for all Cap-and-Trade funding.

The goals of the Action Plan are:

- Strengthen statewide competitiveness of all Cap-and-Trade applications from the SCAG region
- Strengthen Affordable Housing Sustainable Communities (AHSC) applications throughout the SCAG region
- Increase number of AHSC applications throughout the SCAG region
- Improve statewide competitiveness of all SCAG AHSC applications
- Increase outreach to cities, housing developers, and transportation agencies

Proposed Actions:

- In August 2015, host Regional Kick-Off Workshop for Cap-and-Trade Funding in partnership with a diverse group of foundations, advocacy groups, business organizations, and member cities, counties and transportation commissions.
- Host follow-up Workshops as needed
- Create a Regional AHSC Working Group for information sharing/problem solving
- Continue to develop internal Cap-and-Trade Assistance Team and secure resources to strengthen staff's expertise in grant writing and applicant assistance
- Provide SCAG technical assistance to all Cap-and-Trade applicants, including AHSC

REPORT

The Action Plan will further engage potential project applicants for next year's round of funding and as well as for future rounds. It will also outline specific goals and strategies such as collaboration, technical assistance, and robust outreach to bolster the performance of the SCAG region in this competitive AHSC grant program for up to \$400 million for next fiscal year (Round Two). The SCAG region is incredibly diverse, so the plan considers the need to engage rural, suburban, and urban communities to take advantage of the AHSC funds.

An integral part of the AHSC Action Plan includes bringing together local government, foundations, advocacy groups, businesses—including the GLUE Council, as well as government, transportation, housing, and university partners to spark a regionwide conversation and innovative approaches to developing AHSC projects. SCAG proposes hosting regional workshops and ongoing dialogue to both inform AHSC guidelines development and support the region's applications. Future dates for such dialogue will be announced.

FISCAL IMPACT:

Work associated with this item is included in the current FY2014/15 Overall Work Program (15-020.SCG00161.04: Regulatory Compliance; 15-065.SCG00137: Sustainability Program; and 15-070.SCG00147: Modeling Application and Analysis)

ATTACHMENT:

None

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DATE: July 2, 2015

TO: Energy and Environment Committee (EEC)

FROM: Alan Thompson, Senior Regional Planner, thompson@scag.ca.gov; (213) 236-1940

SUBJECT: 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Active Transportation Update

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:

For Information Only – No Action Required

EXECUTIVE SUMMARY:

SCAG staff will brief the committee on the progress on the Active Transportation component of the 2016 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). The presentation will include existing conditions, needs and strategies, with a focus on the proposed greenway network. Claire Robinson, Amigos De Los Rios, will discuss the organization's efforts to facilitate the planning and implementation of the Emerald Necklace Vision, and introduce some of the challenges and opportunities for advancing mobility, open space and enhanced watershed management goals through integrated planning in river and utility corridors.

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan; Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective a) Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans; b) Develop external communications and media strategy to promote partnerships, build consensus and foster inclusiveness in the decision making process; and c) Provide practical solutions for moving new ideas forward

BACKGROUND:

SCAG is developing the 2016 RTP/SCS. As part of that process, staff has examined existing conditions and needs. Staff is studying strategies for increasing active transportation as a viable transportation option and for increasing the quality of life for Southern Californians. These options include:

- Expanding local and regional bikeway networks
- Developing a regional greenway network using riverbeds and other rights-of-way for bike and pedestrian paths separate from automobile traffic, increasing opportunities for active lifestyles and to increase transportation options
- Developing first mile/last mile to transit solutions to increase transit usage and to reduce the need for automobile usage
- Developing bicyclist/pedestrian friendly districts that increase the quality of life of local residents
- Safety Educational and Encouragement Campaigns.

FISCAL IMPACT:

All costs for development of this plan are included in the Overall Work Program under 050.SCG0169.01.

ATTACHMENT:

PowerPoint Presentation: "Active Transportation and Progress towards the 2016 RTP/SCS"



2016 2040 RTPSCS

ACTIVE TRANSPORTATION UPDATE

Energy and Environment Committee

Alan Thompson

July 2, 2015

Presentation Overview

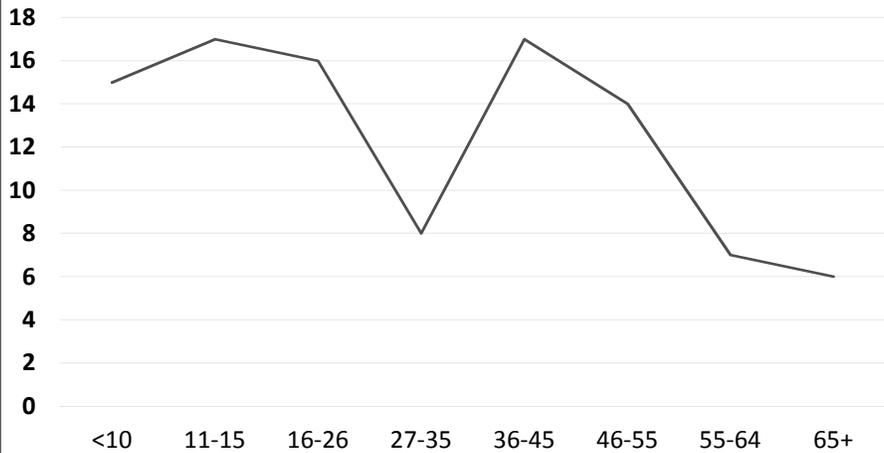
- Review of Current Conditions
- Needs
- Active Transportation Strategies for 2016-2040 RTP/SCS Update
 - Focus on a “Regional Greenway Network”

Biking/Walking in the SCAG Region Current Conditions Changes since Last Plan



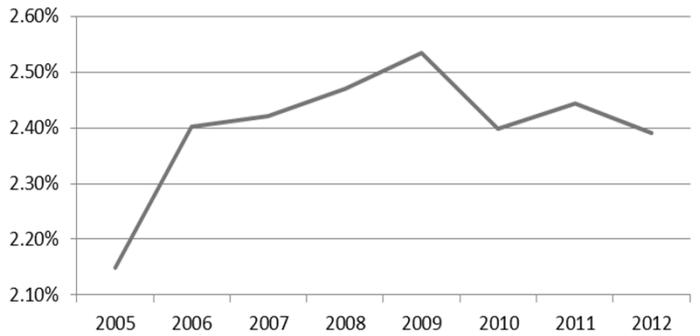
Biking/Walking in the SCAG Region Current Conditions

Percentage of Bicyclists by Age



Biking/Walking in the SCAG Region Current Conditions

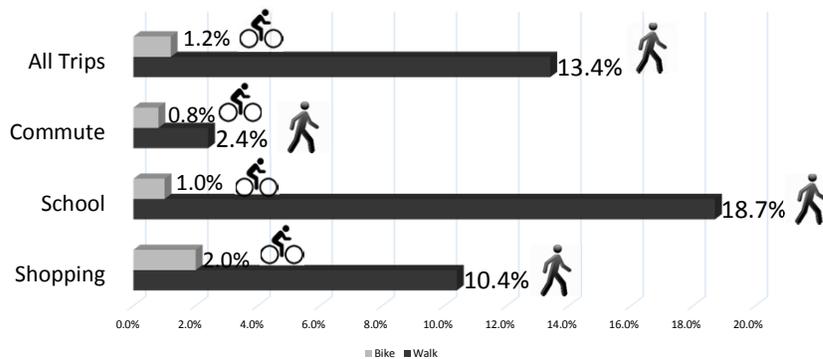
Growth in Regional Walk Commuters (2005-2012)



Biking/Walking in the SCAG Region Current Conditions

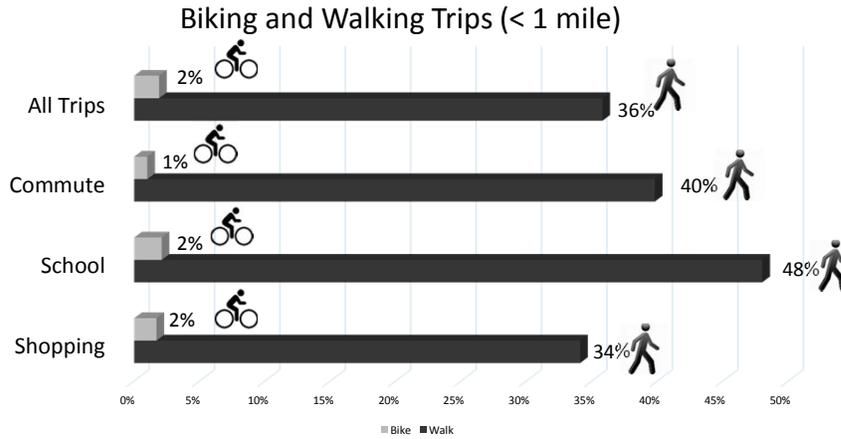
(California Household Travel Survey, 2012)

Biking and Walking as a Percentage of All Trips



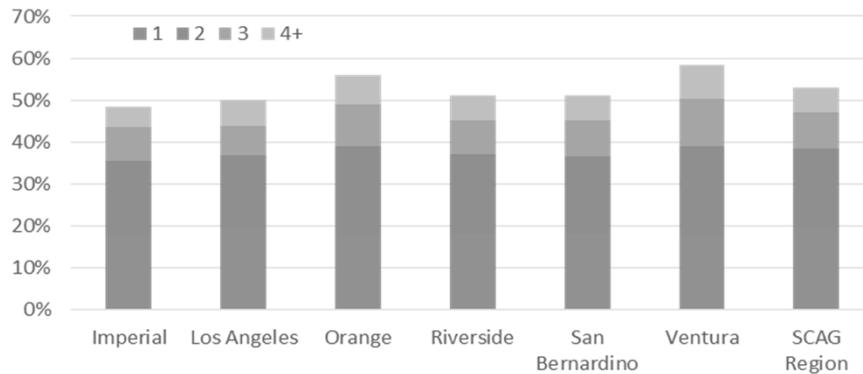
Biking/Walking in the SCAG Region Current Conditions

(California Household Travel Survey, 2012)



Biking/Walking in the SCAG Region Current Conditions

Percentage of Bikes per Household
in SCAG Region



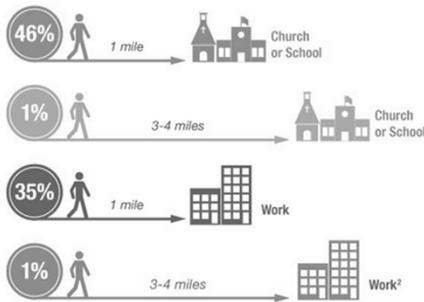
Better Transportation Options = Healthier Lives

HEALTH IN COMMUNITIES WITH BETTER TRANSPORTATION OPTIONS

Walkable, bikable, transit-oriented communities are associated with healthier populations that have:

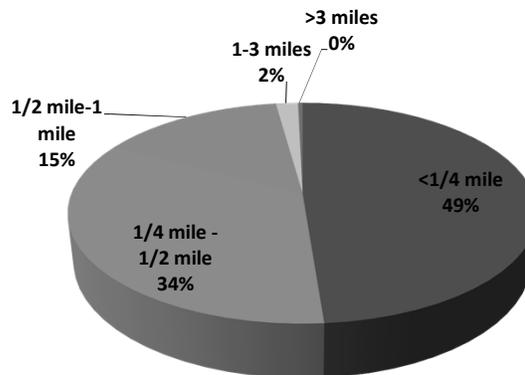


STUDIES SHOW PEOPLE WILL WALK TO DESTINATIONS:

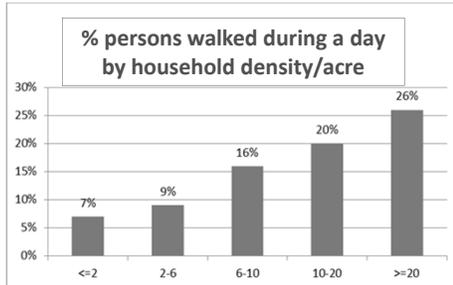


**Biking/Walking in the SCAG Region
Current Conditions**

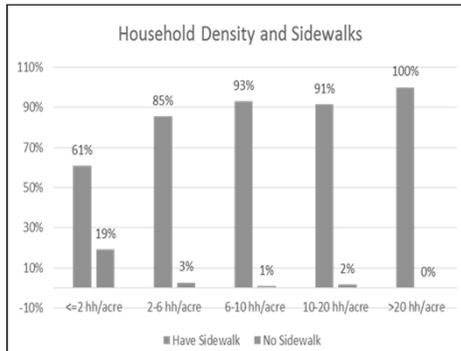
Average Walking Distances in the SCAG Region



Biking/Walking in the SCAG Region Current Conditions



More Compact Development enhances biking and walking as a viable transportation option



Active Transportation Needs



Both Bicyclist and Pedestrian Fatalities are increasing



Bikeways are not interconnected, forcing bicyclists onto busy streets or taking other modes of transportation



Many sidewalks are impassible or do not meet current ADA requirements



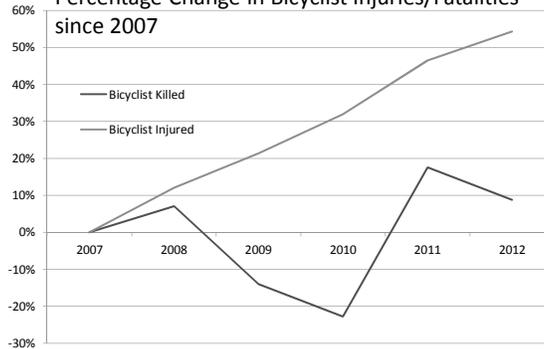
More people would be willing to bike more often if they felt safe doing so.



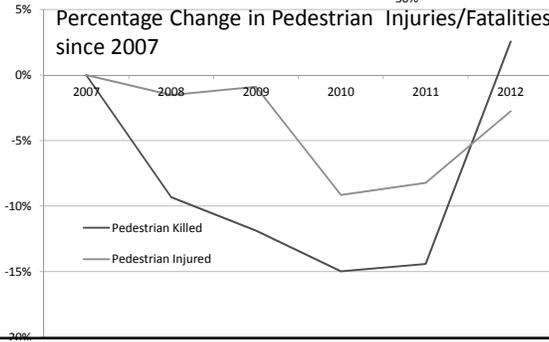
Both Bicyclist and Pedestrian Injuries & Fatalities are increasing

Source: SWITRS

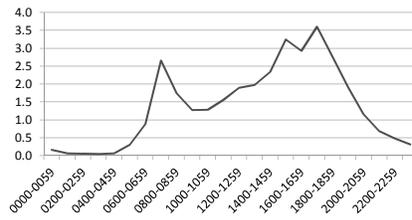
Percentage Change in Bicyclist Injuries/Fatalities since 2007



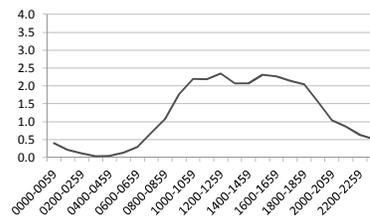
Percentage Change in Pedestrian Injuries/Fatalities since 2007



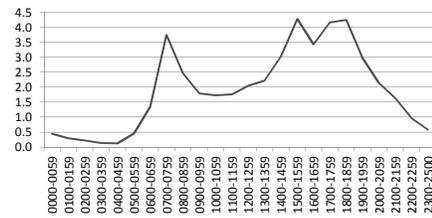
Source: SWITRS Average Bicyclist Injuries by Time on a Monday (2007-2010)



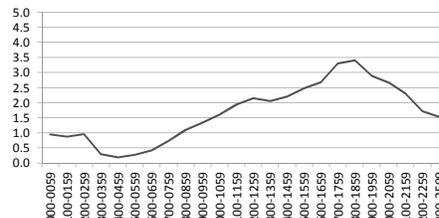
Average Bicyclist Injuries by Time on a Saturday (2007-2010)



Average Pedestrian Injuries by Time on a Monday (2007-2010)



Average Pedestrian Injuries by Time on a Saturday (2007-2010)





SHARE THE ROAD

Bikeways are not interconnected, forcing bicyclists onto busy streets or taking other modes of transportation



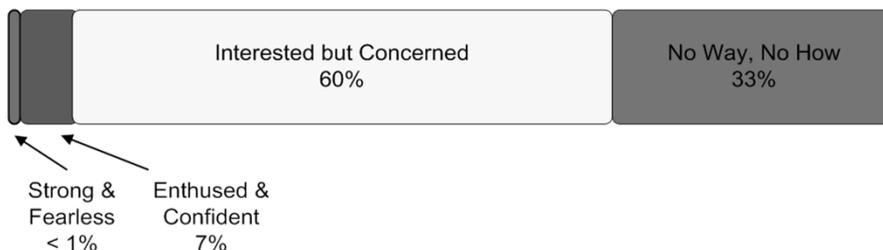
Many sidewalks are impassible or do not meet current ADA requirements

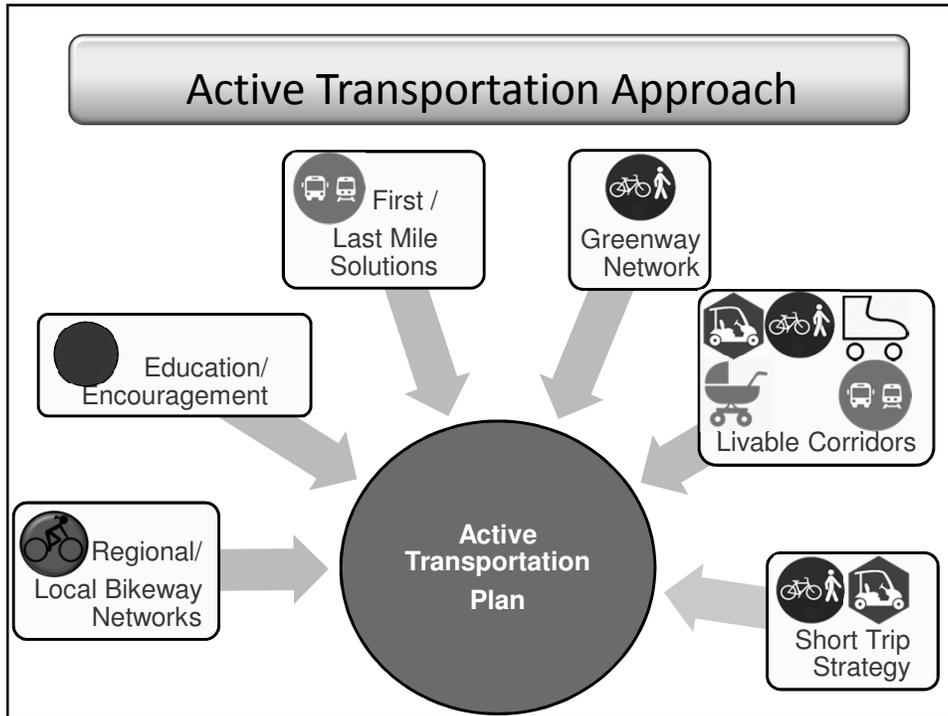


More people would be willing to bike more often if they felt safe doing so.

Four Types of Cyclists

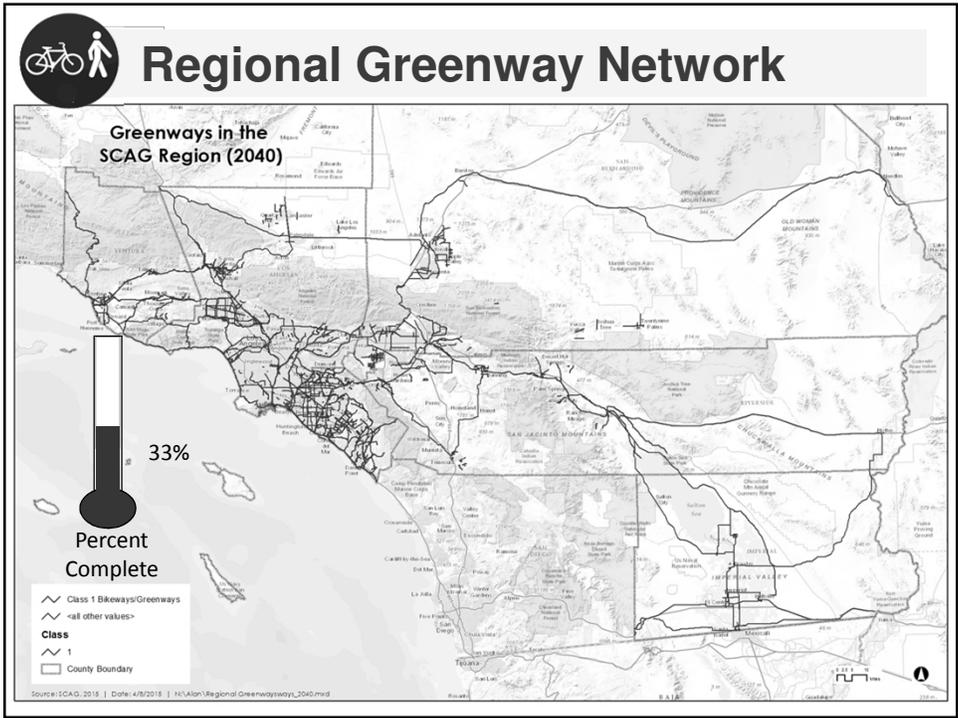
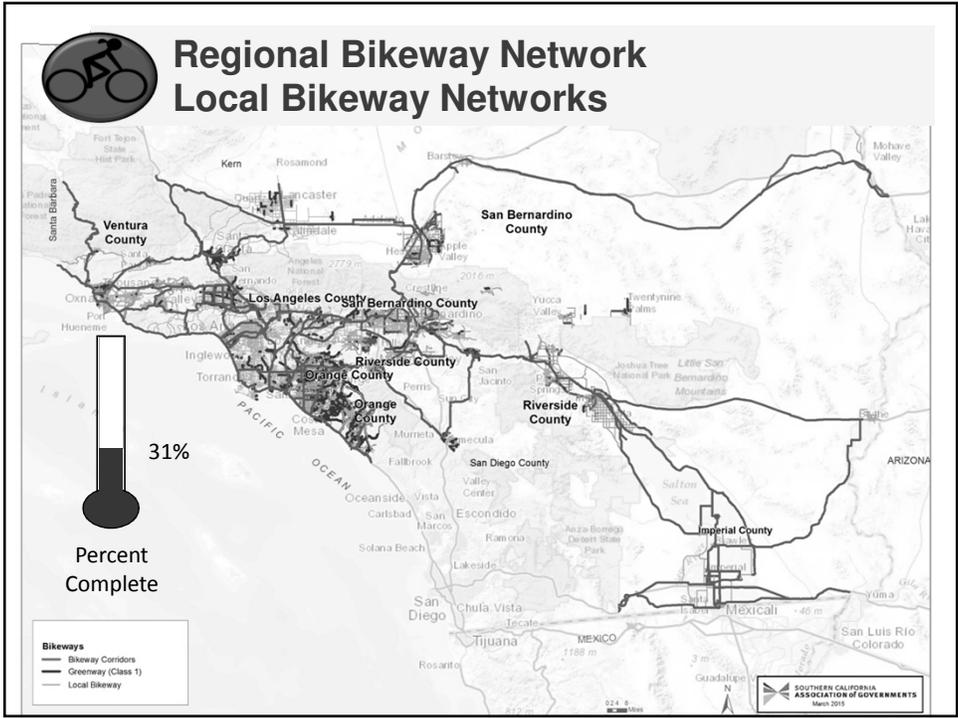
Roger Geller, Portland Department of Transportation





2016-2040 RTP/SCS Scenarios

	SC1	SC2	SC3	SC4
	No Build Baseline	2012 Plan/Updated with Local Input	Policy A Updated 2012 Policies for Active Transportation, Env. Justice, etc.	Policy B Push the Envelope Comprehensive Short Trip Strategies
Regional Strategies				
Reg. Bikeways	X	✓	✓+	✓++
Greenways	X	X	✓	✓+
1 st /Last Mile	X	X	✓	✓
Short-Trip Strategies				
Livable Corridors	X	X	✓	✓
Local Bikeways	✓	✓	✓	✓
Friendly Districts	X	X	X	✓
Bike-Share	X	X	✓	✓+





Regional Greenway Network

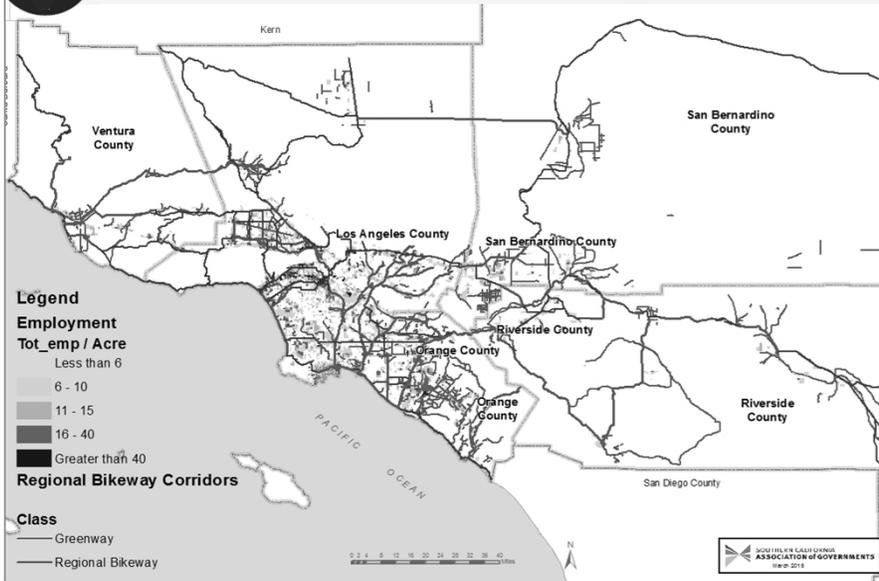
Create new opportunities for biking and walking separate from traffic

Create a backbone of safer separated facilities to link bicyclists to the Regional and Local Bikeway Networks, employment, retail and entertainment destinations.

Link walking/biking trails to watershed management and restoration, creating new open space and recreational opportunities

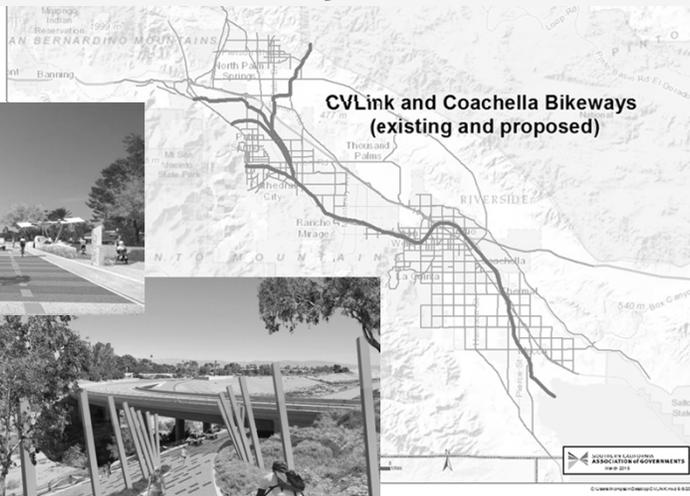


Regional Greenway Network





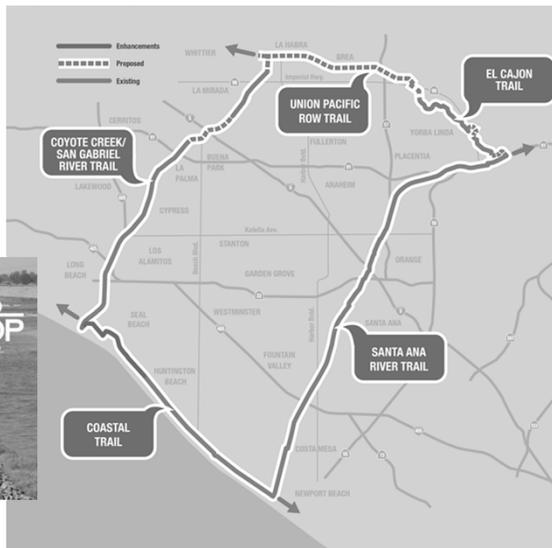
Regional Greenway Network



Regional Greenway Network

OC Loop

- 66 miles of seamless primarily off-street connections
- Bike, walk, and simply connect to some of California's most scenic beaches, to Orange County's inland reaches.





Regional Greenway Network

Santa Ana River Trail

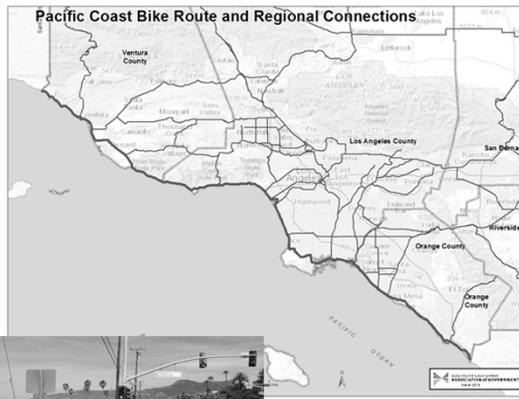
- 110 miles, from Newport Beach to the San Bernardino Foothills
- Project originally started in 1960s (50 years ago).
- Gaps remain in Riverside County and San Bernardino County



Regional Greenway Network

Pacific Coast Bike Route

- Mix of on-street and off-street bikeways
- Provides primary bike/ped access to California Coastal Trail
- Part of interstate bike route from Washington to Baja





Regional Greenway Network

Los Angeles River



Regional Greenway Network

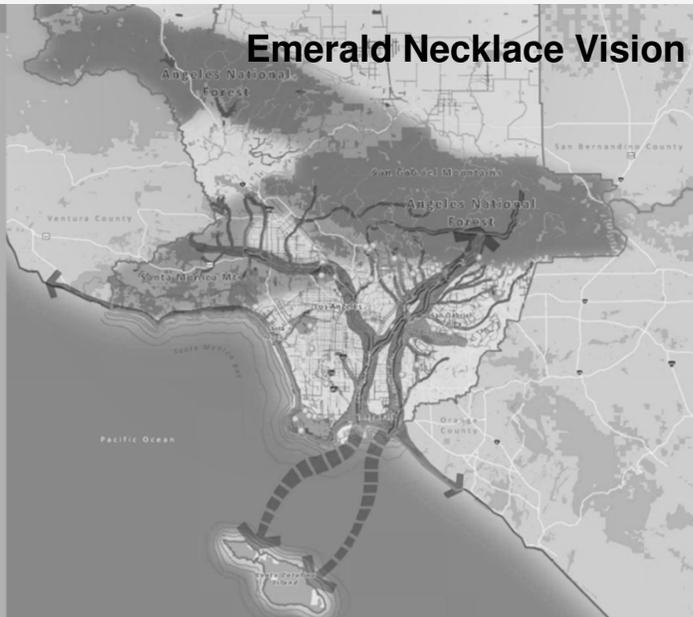
Emerald Necklace Vision

ACTIVE TRANSPORTATION MAP

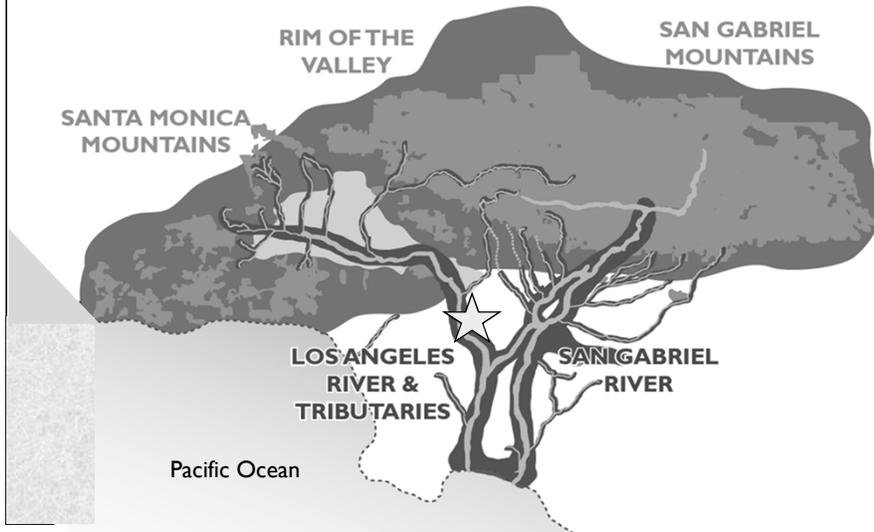
This map depicts the areas of opportunity for improving and connecting existing infrastructure by expanding the use of utility rights-of-way, enhancing street crossings, bicycle, pedestrian, and equestrian access, and transit connections.

These potential trail developments represent opportunities for alternative modes of transportation that will improve walkability and connect communities by greening rights-of-way and trails.

- LEGEND**
- Emerald Necklace Greenway Trails along Rivers/Washes/Creeks
 - Utility Rights of Way
 - Waterway Bike Trails
 - Proposed Waterway Bike Trail Connections
 - Class I Bikeway (path)
 - Class II Bikeway (lane)
 - Class III Bikeway (route)
 - Existing Trails
 - Beach Trails
 - Pacific Crest Trail
 - Equestrian Centers



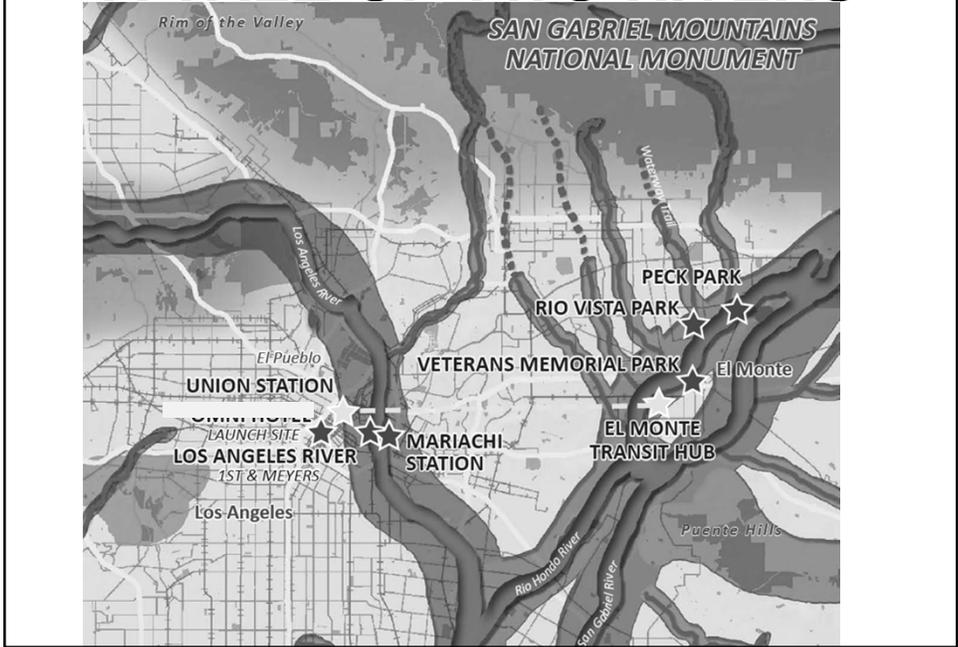
Waterway Network of Trails



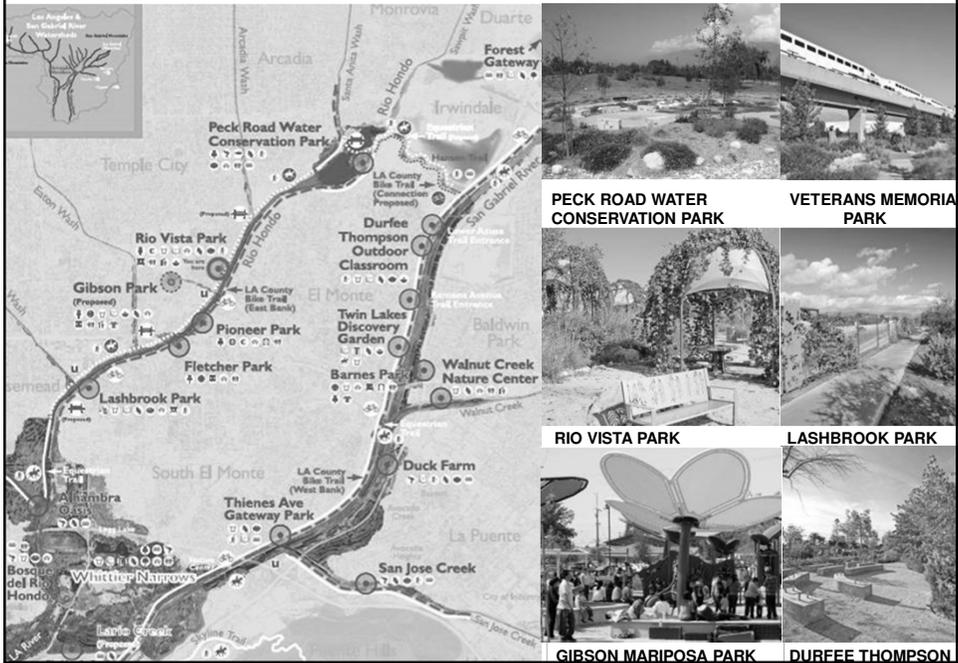
LA BASIN Active Transportation

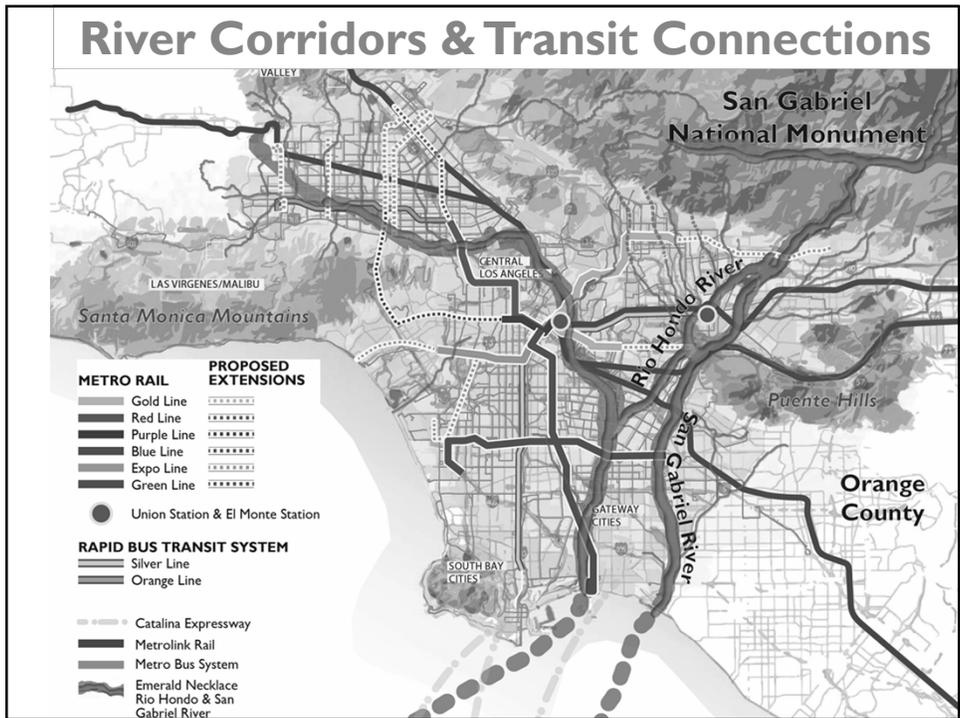
ACE Los Angeles River Restoration Plan

A TALE OF TWO RIVERS



Emerald Necklace

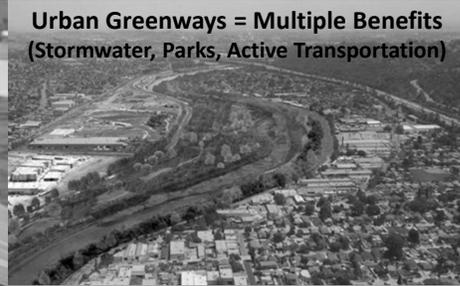




We all want Trails & Greenways throughout LA Basin



Flood Control Channel ROW



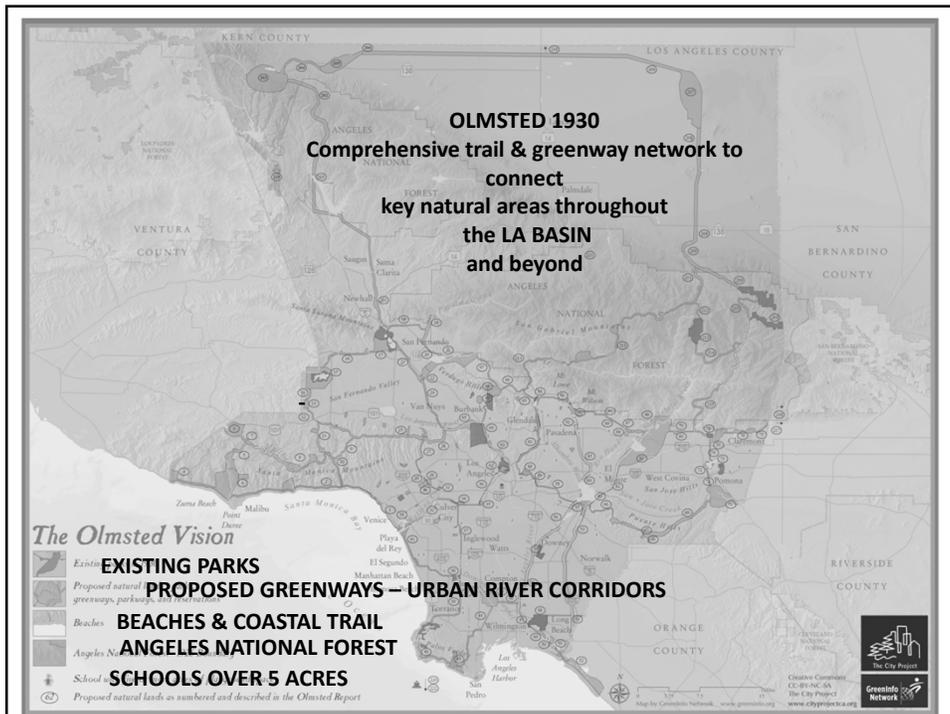
Urban Greenways = Multiple Benefits (Stormwater, Parks, Active Transportation)



Urban Forests = Recreation & Water



Trail Culture



2016
2040 **RTPSCS**

Thank you !

Learn more by visiting www.scag.ca.gov. Contact me at: thompson@scag.ca.gov.



DATE: July 2, 2015
TO: Energy & Environment Committee (EEC)
FROM: Kristen Pawling, Associate Regional Planner, (213) 236-1907; pawling@scag.ca.gov
SUBJECT: 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy
(2016 RTP/SCS) – Natural/Farm Lands Update

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:
For Information Only - No Action Required.

EXECUTIVE SUMMARY:
The 2012-2035 Regional Transportation Plan/Sustainable Community Strategy (2012 RTP/SCS) outlined a regional need to develop a habitat conservation planning policy. As previously reported and in response to that need, SCAG initiated data gathering efforts and commissioned an initial conservation framework. Additionally, SCAG convened an Open Space Conservation Working Group (Working Group) to share best practices and to provide recommendations to EEC regarding natural/farm land conservation for the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS).

STRATEGIC PLAN:
This item supports SCAG's Strategic Plan Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; a. Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans.

BACKGROUND:
Context
The Southern California region is one of the most biodiverse areas on the planet with an enormous wealth of natural habitats, flora, and fauna, including species that only exist in Southern California. Issues such as infrastructure needs, continuing development pressure, climate change, and limited financial resources present challenges in protecting and maintaining our natural lands, farm lands, and recreational access.

The 2012 Regional Transportation Plan/Sustainable Community Strategy provides initial guidance on how SCAG could demonstrate progress and satisfy SAFETEA-LU requirements related to environmental mitigation by developing a program with the goal of large-scale acquisition and management of important habitat land to mitigate impacts related to future transportation projects. Over the past several years, SCAG and regional partners, such as county transportation commissions, took steps to support natural land restoration, conservation, and acquisition in a manner that could also produce benefits related to greenhouse gas emissions reduction, project streamlining, addressing climate change impacts to natural habitats and/or additional benefits.

Addressing 2012 Goals & 2016 RTP/SCS
Since the adoption of the 2012 RTP/SCS, SCAG surveyed local governments and the six county transportation commissions to gauge the types of open space programs, policies, and plans that exist in an



REPORT

effort to understand existing conditions. To initiate the process of identifying and prioritizing important areas for conservation of natural resources and open space within the region, SCAG consultants prepared a Habitat Conservation Assessment Methodology and Database and applied that prioritization methodology to categorize important areas for conservation of natural lands.

Additionally, SCAG convened an Open Space Conservation Working Group to share best practices and to provide recommendations to EEC regarding natural/farm land conservation for the 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS). Made up of local governments, state/federal wildlife agencies, private industry, environmental organizations, and county transportation commissions, the Working Group met from November 2014 to June 2015 on a number of topics addressing natural/farm lands. The Working Group's agendas included the sharing of best practices from local governments, resource managers, California Department of Fish & Wildlife, county transportation commissions, and environmental organizations. The CEO Sustainability Working Group heard several updates regarding the progress of the Open Space Conservation Working Group throughout the past six months.

Over the past several months, the Working Group documented its recommendations for refining and updating natural/farm land conservation strategies in the 2016 RTP/SCS. These recommendations address best practice sharing, funding, land use policies, natural corridor connectivity, climate smart conservation, and others. These recommendations are a result of thoughtful collaboration that considers the diversity of the SCAG region while moving towards an enhanced regional natural/farm lands conservation strategy. The Working Group also provided input on the scenario planning process for the 2016 RTP/SCS, including sea level rise and sensitive habitat conservation. Please see Attachment 1 for full list of recommendations.

Next Steps

The Working Group will reconvene in the fall of 2015 to provide feedback on the draft 2016 RTP/SCS and collaborate on potential approaches for implementing natural/farm land strategies.

Multiple funding opportunities for natural/farm lands conservation activities exist, including cap-and-trade auction proceeds from the Greenhouse Gas Reduction Fund. Specifically, the Wetlands Restoration, Urban Forestry & Forest Health, and Sustainable Agriculture Land Conservation programs are three Greenhouse Gas Reduction Fund grants that are potential sources for planning and implementation activities. Please see <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/ggrfprogrampage.htm#ResourcesandWaste> for additional details. Further developing a regional conservation strategy with a collaborative approach may help to position the region for cap and trade funds.

FISCAL IMPACT:

Work associated with this item was included in FY 2013-2014 Overall Work Program and continued work associated with this item is included in FY 2014-2015 Overall Work Program (225.SCG02659.01).

ATTACHMENTS:

1. Open Space Conservation Working Group 2016 RTP/SCS Recommendations
2. PowerPoint Presentation: "Natural Farm Lands Update"

2012 Regional Transportation Plan/Sustainable Community Strategy
(RTP/SCS) Conservation Policy Suggested Steps

Listed below are the suggested steps from 2012 RTP/SCS (page 78) to develop a conservation policy and overviews actions SCAG has taken to implement those steps since 2012.

1. “Engage in strategic planning process to determine the critical components and implementation steps or identifying and addressing open space resources.”
 - Engaged consultant to outline regional conservation framework.
 - Consultant identified open space resources in database available online*.
2. “Identify and map regional priority conservation areas based on the most recent land use data for future consideration and potential inclusion in future plans.”
 - The local input process provided a meaningful update for regional land use data and lead to a recommendation for more detailed “open space” land use categories for future local input process updates.
 - Combined Habitat Assessment Protocol (CHAP) identified and mapped both local and regional, coarse scale habitat information and outlined a potential methodology that could be used to identify priority conservation areas.
 - The 2016 RTP/SCS scenario planning process utilized the CHAP regional map which identifies high value habitat areas in Scenario 4 (Policy B).
3. “Engage with various partners, including CTCs, and build from existing local efforts to identify priority conservation areas and develop an implementable plan.”
 - The Joint Work Plans signed by SCAG and County Transportation Commissions included open space efforts.
 - Initiated Open Space Conservation Working Group to vet and develop overall conservation policies, including mitigation.
 - Gathered input on local efforts to identify priority conservation plan with a best practice focus.

- Developed subcommittee on rethinking Intergovernmental review process to provide more dynamic information on mitigation opportunities.
 - Supported and provided input on San Bernardino Association of Governments regional habitat planning efforts.
 - Supported and provided input on Metro urban greening efforts.
4. “Develop regional mitigation policies or approaches for the 2016 RTP/SCS.”
- The Open Space Conservation Working Group provided input on conservation policies and approaches, including mitigation.
 - Energy & Environment Committee will hear the policies and approaches related to regional mitigation for the 2016 RTP/SCS.
 - Habitat Conservation Framework & Assessment outlined regional strategies related to mitigation that may be used for the 2016 RTP/SCS.

*Please see <http://sustain.scag.ca.gov/Pages/LinksResources.aspx>

Open Space Conservation Working Group Policy Recommendations

From November 2014 to June 2015, the Open Space Conservation Working Group shared natural lands-related best practices from around the region and across the state. This list below summarizes consensus recommendations from those discussions. These recommendations are not listed in priority order.

Promote Best Practices

Support innovative land conservation tools that facilitate the exchange of information related to best practices amongst local governments, resource agencies, non-governmental agencies, and other stakeholders in and outside of the SCAG region.

Facilitate Partnerships and Collaboration

Encourage, cultivate, and facilitate partnerships and collaboration on natural/farm lands policies and programs between public, educational, and non-profit agencies throughout the SCAG region.

Encourage Regional Conservation Planning

Seek and expand engagement from resource and permitting agencies, County Transportation Commissions, Caltrans, California High Speed Rail Authority, and other partners on regional advanced mitigation and integrated regional conservation planning.

Expand Data Sharing

Continue to gather spatial and other data to better inform regional policies regarding natural/farm lands such as the 2014 data gathering efforts to provide coarse and fine scale habitat assessment data for the SCAG region. Coordinate and improve the Intergovernmental Review Process to provide or obtain enhanced data regarding mitigation opportunities.

Support Innovative Land Use Policies

Recognize the region's growth potential and its inherent connection between the conservation of existing natural/farm lands and strategies to promote infill, such as transfer of development rights and land banking, which relieve pressure to expand the urban footprint. Additionally, continue efforts to work toward identifying priority conservation areas, including habitat and farm land areas, to permanently protect as part of future regional plans.

Improve Natural Corridor Connectivity

Encourage and facilitate research, programs, and policies to identify, protect, and restore natural habitat corridors, especially where corridors cross county boundaries.

Encourage Urban Greening/Green Infrastructure

Support planning and implementation efforts that improve the relationship between the urban built environment and the urban natural environment such as: urban forestry, urban greenways and trail systems, watershed management, and expansion of green infrastructure systems.

Connect to Public Health

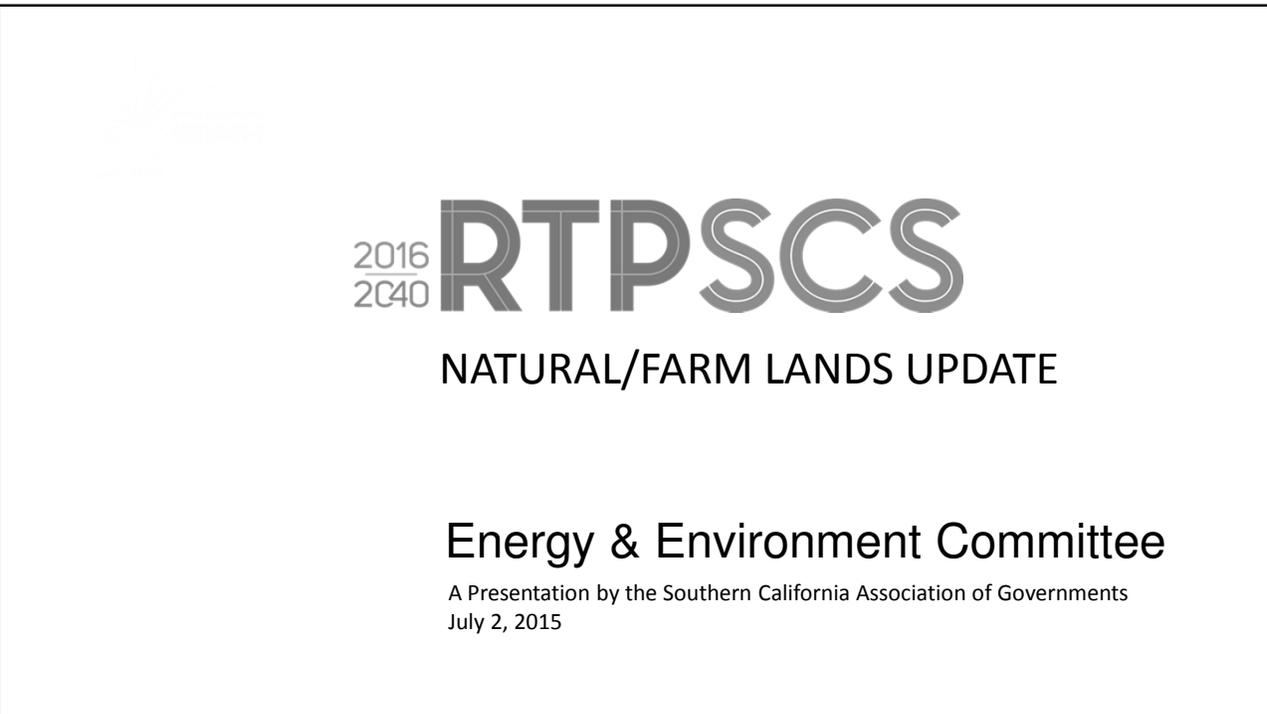
Recognize and encourage policy development of the link between natural/farm lands conservation with opportunities to improve public health such as recreational access and active transportation investment.

Include Climate Smart Conservation

Support the purposeful consideration of climate change in natural/farm lands management including linking actions to key climate impacts and vulnerabilities. Encourage and seek opportunities to quantify baseline greenhouse gas emissions and emissions reductions related to enhanced regional conservation efforts, especially modeling tools and cap-and-trade funding.

Seeking Funding Opportunities

Actively seek funding opportunities for SCAG, member jurisdictions, and potential partners for programs that facilitate the conservation and restoration of natural/farm lands, including pilot program opportunities.



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NATURAL/FARM LANDS UPDATE

Energy & Environment Committee

A Presentation by the Southern California Association of Governments
July 2, 2015

Outline

- Existing Conditions
- Progress
- Recommendations
- Next Steps

Natural Lands in SCAG Region

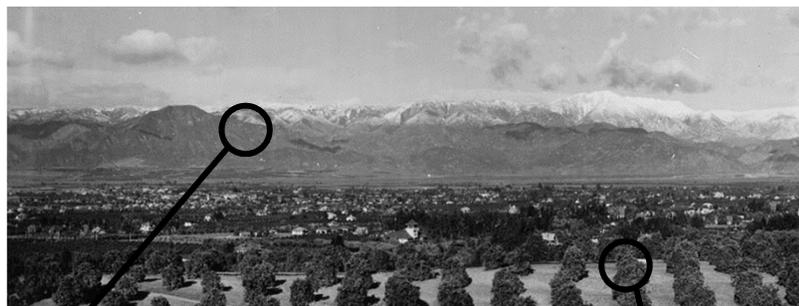
- Biodiversity hotspot
- 38,000 square miles
- Home to many endemic species
- 35% of region currently protected
- Iconic landscapes



Agricultural Lands in SCAG Region

8% of state's
farmland

2.6 million
acres of ag land
(2010)



San Bernardino
Mountains



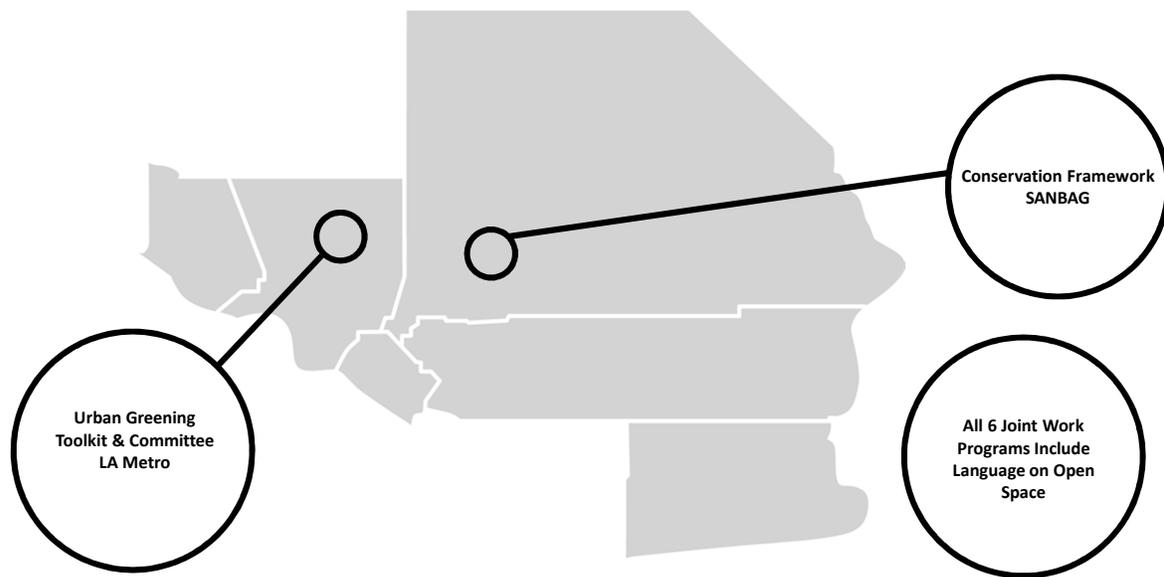
Redlands
"Sunny
Heights"

Natural Lands in SCAG Region

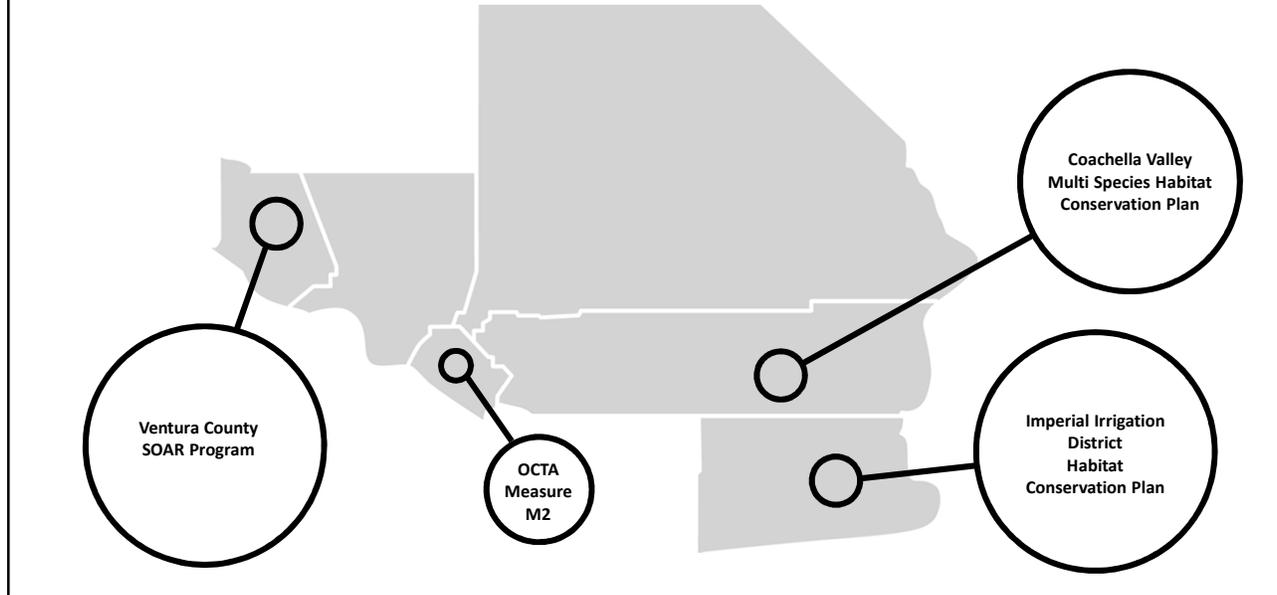
2012 RTP/SCS Suggested Steps

- Commits to new Strategic Planning process
- Supported by regulatory agencies, non-profits, and others.
- Input for 2016-2040 RTP/SCS

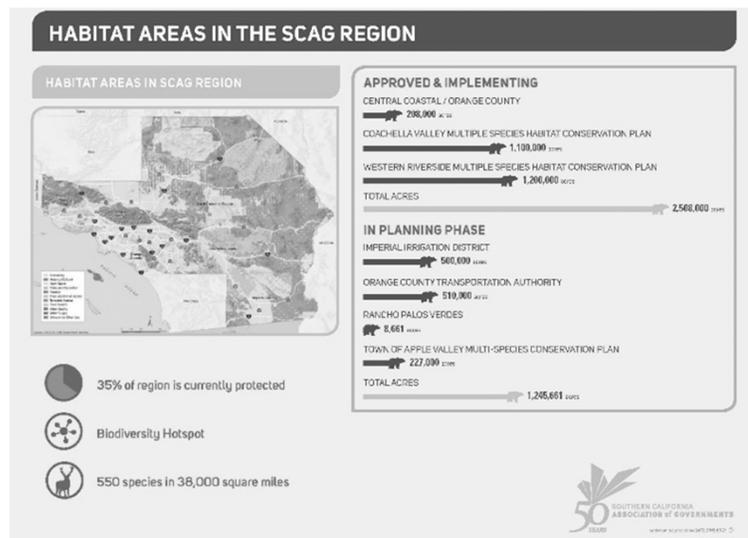
Some examples of local/county level actions

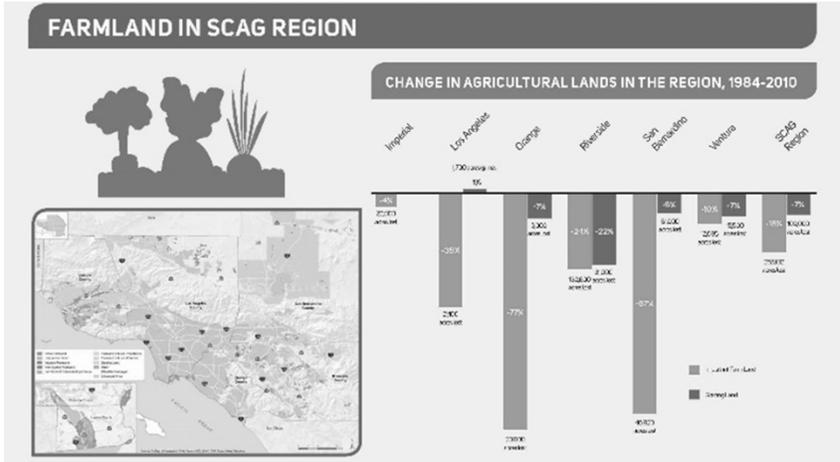


Examples of local/county level actions



2016 RTP/SCS Public Input





Working Group

From November 2014 to June 2015, the Open Space Conservation Working Group shared natural lands-related best practices from around the region and across the state. This list below summarizes consensus recommendations from those discussions. These recommendations are not listed in priority order.

- Best Practices**
Facilitate the exchange of information related to best practices
- Regional Conservation Planning**
Seek and expand engagement from agencies, CTCs, Caltrans, HSR and others on regional advanced mitigation
- Data Sharing**
Gather spatial and other data to better inform regional policies
- Connectivity**
Encourage and facilitate research, programs, and policies to identify, protect, and restore natural habitat corridors
- Partnerships/Collaboration**
Cultivate partnerships and collaboration between public, educational, and non-profit agencies
- Land Use Policies**
Recognize the region's growth and its inherent connection between the conservation of natural/farm lands and strategies to promote infill

Working Group

From November 2014 to June 2015, the Open Space Conservation Working Group shared natural lands-related best practices from around the region and across the state. This list below summarizes consensus recommendations from those discussions. These recommendations are not listed in priority order.



Urban Greening

Improve the relationship between the urban built environment and the urban natural environment



Public Health

Recognize link between natural/farm lands conservation with opportunities to improve public health



Funding

Actively seek funding opportunities for SCAG, member jurisdictions, and potential partners



Climate Smart

Support the purposeful consideration of climate change in natural/farm lands management

Stay Tuned

- Draft 2016 RTP/SCS
- Joint Work Program Updates
- Ongoing Working Group
- Regular Updates to EEC



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Thank you !

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DATE: June 4, 2015

TO: Energy and Environment Committee (EEC)

FROM: Lijin Sun, Senior Regional Planner, (213) 236-1882, sunl@scag.ca.gov

SUBJECT: 2016-2040 Regional Transportation Plan /Sustainable Communities Strategy (2016 RTP/SCS) Environmental Impact Report (PEIR) Update and Preliminary Draft Outline

EXECUTIVE DIRECTOR'S APPROVAL:



RECOMMENDED ACTION:

For Information Only – Not Action Required.

EXECUTIVE SUMMARY:

This report is being prepared to provide a status update on the Notice of Preparation (NOP) of a PEIR for the 2016 RTP/SCS that SCAG released for a 30-day public review and comment period on March 9, 2015, and to provide the EEC with a preliminary draft outline of the PEIR and a schedule of events in the next few months relating to preparation of the PEIR. Staff intends to provide periodic updates on the progress of the PEIR development and to give EEC members ample opportunity to become familiar with the PEIR. As such, staff will provide additional information on the progress of the PEIR at the July, August, and September (EEC or Joint Policy Committee) meetings. On October 8, 2015, Draft 2016 RTP/SCS will be scheduled for release by the Regional Council (RC), and the associated Draft PEIR will be presented to the EEC for recommendation to the RC for approval on the same day.

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective a: Create and facilitate a collaboration and cooperative environment to produce forward thinking regional plans.

BACKGROUND:

The RTP/SCS is a long-range transportation plan that provides a vision for regional transportation investments over a 20-year period. In accordance with applicable federal and state laws, SCAG updates the RTP/SCS every four (4) years to reflect changes to the transportation network, the most recent planning assumptions, economic trends, and population and jobs growth forecasts. The California Environmental Quality Act ("CEQA", Pub. Res. Code § 21000 et seq.) and its implementing regulations ("CEQA Guidelines", codified at 14 C.C.R. § 15000 et seq.) require SCAG as the Lead Agency to prepare an Environmental Impact Report ("EIR") for any discretionary government action, including programs and plans that may cause significant environmental effects. As such, SCAG is preparing a PEIR for the 2016 RTP/SCS to ensure that environmental compliance procedures under the CEQA and other applicable federal and state environmental laws and regulations are adequately addressed and fulfilled.

The PEIR will serve as a first-tier, programmatic document that provides a region-wide assessment of potential significant environmental effects of the 2016 RTP/SCS. The PEIR must evaluate region-wide, potential environmental effects, including direct and indirect effects, growth-inducing impacts, and cumulative impacts of the 2016 RTP/SCS at a programmatic level. The PEIR must also evaluate alternatives to the 2016 RTP/SCS and propose feasible mitigation measures.

REPORT

UPDATE ON THE NOP OF THE 2016 RTP/SCS PEIR:

As indicated in the March 5, 2015 Staff Report to the EEC, staff prepared the NOP of a PEIR for the 2016 RTP/SCS in accordance with provisions of the CEQA. At the March 5, 2015 meeting, EEC authorized the release of the NOP for a 30-day public review and comment period beginning March 9, 2015. SCAG released the NOP from March 9 through April 7, 2015. The NOP was released to notify local, state and federal agencies, and other interested agencies, organizations and individuals (“Interested Parties”) that SCAG plans to prepare the PEIR for the 2016 RTP/SCS and to seek input from Interested Parties with respect to the scope and content of environmental information to be evaluated in the 2016 RTP/SCS PEIR. As part of the scoping process required under the CEQA, two NOP scoping meetings were conducted on March 17 and 18, 2015. SCAG received 26 public comments in response to the NOP, including three (3) public comments received after the NOP closed on April 7, 2015. Breakdown of the 26 commenters received on the NOP is listed below:

Breakdown of the Commenters on the NOP	Number
Sovereign nation	1
Federal agency	1
State agency	3
Regional agency	5
SCAG’s member jurisdiction	7
Subregion	1
County Transportation Commission	1
Other interested organizations and individuals	7

Both PEIR and RTP/SCS topics were raised by the commenters. Breakdown of the NOP comments by PEIR and RTP/SCS topic areas is listed below:

	Breakdown of the NOP Comments by Topic Areas	Number
PEIR	Project Description	2
	Air Quality	6
	Biological Resources and Open Space	3
	Cultural Resources	2
	Greenhouse Gas Emissions and Climate Change	1
	Hydrology and Water Resources	2
	Land Use and Planning	1
	Population, Housing and Employment	2
	Transportation, Traffic and Safety	4
	Mitigation Measures	9
	Alternatives	6
RTP/SCS	Vision, Goals, Policies, and Performance Measures	6
	Transportation Infrastructure and Technology	1
	Land Use Strategies	2
	RTP/SCS Scenario Planning	4
	Public Participation Process	3

REPORT

Staff will attach the NOP of the 2016 RTP/SCS PEIR and comments received on the NOP to the Draft PEIR document as an appendix.

KEY UPDATES OF THE PEIR:

Key updates identified so far by staff for the 2016 RTP/SCS PEIR include the following:

2016 RTP/SCS (Plan) Benefits

- Include in the analysis of CEQA topic areas, where applicable, Plan benefits that are resulted from region-wide, ongoing implementation of policies and programs that promote active transportation, public health, and quality of life and that also integrate transit and transportation facilities with land use planning and sustainable community strategies in the SCAG region.

Structure of the PEIR

- Structure the contents of the PEIR by CEQA topic areas that closely resemble sample questions included in the Appendix G: Environmental Checklist Form of CEQA Guidelines.

Public Health and Health Risk Assessment (HRA)

- Analyze CEQA topic areas from a public health lens, where applicable.
- Increase the number of corridors in the HRA analysis.

Transportation, Traffic and Safety

- Include an analysis of active transportation and pedestrian and bicyclist safety.

PRELIMINARY DRAFT OUTLINE OF THE PEIR:

Staff has prepared a preliminary draft outline of the PEIR. Staff intends to provide the EEC with periodic updates discussing progress of the PEIR and to offer EEC members ample opportunity to become familiar with its preliminary contents of the PEIR. Key information of the preliminary draft outline of the PEIR is summarized below.

- Executive Summary: This summarizes key information presented in the PEIR, including a table depicting impacts and proposed mitigation measures for each resource area discussed in Chapter 3.
- Chapter 1 – Introduction: This chapter consists of the introduction and a description of the analytical approach utilized in the PEIR and a review of the legislation that guides the process of developing the PEIR. It also describes the purpose, scope and methodology of the PEIR, consideration of CEQA streamlining opportunities, the environmental review process, and an overview of the contents of the PEIR.
- Chapter 2 – Project Description: This chapter provides background information on SCAG’s roles and responsibilities. It also provides information on the 2016 RTP/SCS vision, goals, policies, performance measures, programs, and public participation process. It will additionally address guidance from court findings on recent 2012-2014 CEQA case law. Although the PEIR does not require federal approval (federal environmental review is not required), a discussion of purpose and need for the 2016 RTP/SCS will be included along with the CEQA-required project objectives. Regional growth projections and major components of the 2016 RTP/SCS will also be summarized in this chapter.

REPORT

- Chapter 3 – Environmental Impact Analysis and Mitigation Measures: This chapter will identify the PEIR baseline and describe the existing conditions against which potential environmental impacts will be analyzed in the PEIR. It will focus on federal and state regulations and policies since the certified 2012 RTP/SCS Final PEIR and conduct a programmatic analysis of potential environmental impacts of the 2016 RTP/SCS for the region. The following resource categories will be analyzed in this section and included in appropriate appendices attached to the Draft PEIR document: Aesthetics and Views; Agriculture and Forestry Resources; Air Quality; Biological Resources and Open Space; Cultural Resources; Energy; Geology, Soils, and Mineral Resources; Greenhouse Gas Emissions and Climate Change; Hazards and Hazardous Materials; Hydrology and Water Resources; Land Use and Planning; Noise; Population, Employment, and Housing; Recreation; Transportation, Traffic, and Safety; Public Services and Utilities; and Mandatory Finding of Significance. For each of these environmental areas, the analysis addresses Regulatory Framework, Environmental Setting, Methodology, Significance Thresholds, Impact Analysis, Cumulative Impacts, Mitigation Measures, and Level of Significance after Mitigation. As required by the provisions of CEQA, determination of impacts will be based on a comparison of the proposed plan to existing conditions. A discussion of the proposed 2016 RTP/SCS compared to the No Project Alternative will also be provided for informational purposes.
- Chapter 4 – Alternatives: This chapter will describe a range of reasonable alternatives to the proposed 2016 RTP/SCS, which would feasibly attain most of the basic objectives of the proposed 2016 RTP/SCS but would avoid or substantially lessen any of the significant effects of the proposed 2016 RTP/SCS at a programmatic and region-wide level. It will include a comparison of alternatives to the proposed 2016 RTP/SCS for each resource areas analyzed in Chapter 3, following by selection of the environmentally superior alternative.
- Chapter 5 – Long Term CEQA Considerations: This chapter will identify the significant unavoidable environmental effects, significant irreversible environmental effects, irreversible damage from environmental accidents, growth inducing impacts, and cumulative impacts of the 2016 RTP/SCS.
- Chapter 6 - Persons and Sources Consulted: This chapter lists the contributors to the preparation of the PEIR and includes a list of sources consulted and used in making of the PEIR.
- Chapter 7 – Glossary: This chapter includes the acronyms used in the PEIR.
- Chapter 8 – Maps: This chapter includes a compilation of maps referenced in the PEIR.

SCHEDULE:

Key dates for the development and completion of the 2016 RTP/SCS PEIR are listed below:

Milestones	Dates (Expected)
2016 RTP/SCS Open House	May 26-June 29, 2015
Release of the Draft PEIR for the 2016 RTP/SCS for a 45-day public review and comment	October 2015
Adoption and certification of the Final PEIR for the 2016 RTP/SCS by SCAG Regional Council	April 2016

REPORT

SCAG staff will provide periodic progress reports to the EEC as development of the 2016 RTP/SCS PEIR progresses. Key dates for the EEC review of the 2016 RTP/SCS PEIR are listed below:

Milestones	Dates (Expected)
EEC review of the preliminary draft outline of the 2016 RTP/SCS PEIR	June 4, 2015
Stakeholders and partners outreach for the 2016 RTP/SCS PEIR*	May/June 2015
EEC review of the approaches to mitigation measures and alternatives for the 2016 RTP/SCS PEIR*	July/August 2015
EEC review of Draft PEIR for the 2016 RTP/SCS	September 2015
EEC review and recommended action to the RC to authorize the release of the Draft PEIR for the 2016 RTP/SCS for a 45-day public review and comment	October 2015
EEC review of Final PEIR for the 2016 RTP/SCS	January/February 2016

*SCAG staff is considering and evaluating the appropriate approach for the PEIR. Staff is not prepared to present information on the appropriate approach to mitigation measures and alternatives for the PEIR at this June 5, 2015 EEC meeting but will provide more information at the July and August 2015 (EEC or Joint Policy) meetings. Staff plans to meet with stakeholders and partners on the appropriate approach to mitigation measures and alternatives for the PEIR prior to the July and August 2015 (EEC or Joint Policy) meetings.

FISCAL IMPACT:

Work associated with this item is included in the Fiscal Year 14/15 Overall Work Program (15-020.SCG00161.04: Regulatory Compliance) and in the Fiscal Year 15/16 Overall Work Program (16-020.SCG00161.04: Regulatory Compliance).

ATTACHMENT:

None.

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DATE: July 2, 2015
TO: Energy and Environment Committee (EEC)
FROM: Simon Choi, Chief of Research and Forecasting; 213-236-1849; choi@scag.ca.gov
SUBJECT: Recap of 26th Annual SCAG/USC Demographic Workshop - June 1, 2015

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:

For Information Only – No Action Required.

EXECUTIVE SUMMARY:

SCAG staff will provide a recap of the program and key topics discussed at the 26th Annual Demographic Workshop, which was jointly held with the University of Southern California (USC) Sol Price School of Public Policy, on June 1, 2015 at the California Science Center.

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan; Goal 4: Develop, Maintain and Promote the Utilization of State of the Art Models, Information Systems and Communication Technologies; Objective b: Develop, maintain and enhance data and information to support planning and decision making in a timely and effective manner.

BACKGROUND:

SCAG and USC Sol Price School of Public Policy jointly hosted the 26th Annual Demographic Workshop on June 1, 2015. The workshop's program was developed under the main theme, "Big Changes Ahead in Post-Recession California." The workshop had been advertised on SCAG's website, at the GA, and by sending emails to stakeholders. 150 attendants from throughout California gathered together and discussed what changes would be facing California after the Great Recession.

The first panel featured metropolitan population projections focusing on migration after the Great Recession and was moderated by Dr. Dowell Myers, Professor and Director of the Population Dynamics Research Group in the Sol Price School of Public Policy at USC. The panel members were Dr. Simon Choi, Chief of Research and Forecasting for Southern California Association of Governments, Dr. Cynthia Kroll, Chief Economist for Association of Bay Area Governments, and Mr. John Pitkin, President for Analysis and Forecasting Inc.

The second panel reviewed new trends in fertility in California, and was moderated by Dr. Lihua Liu, a demographer and medical sociologist at the Los Angeles Cancer Surveillance Program, and Assistant Professor in the Department of Preventive Medicine, USC Keck School of Medicine. The panel members included Janna Goldberg, a PhD Candidate in the Sol Price School of Public Policy at USC, Dr. Leo Chavez, Professor of Anthropology in the School of Social Science at the University of California, Irvine, and Dr. Dowell Myers, Professor and Director of the Population Dynamics Research Group in the Sol Price School of Public Policy at USC.

REPORT

The Workshop also discussed policy implications of the trends among millennials and baby boomers on multifamily housing, and sustainable growth strategies. The discussion was led by Dr. Selma Hepp, Senior Economist at the California Association of Realtors, Dr. Dowell Myers, Professor and Director of the Population Dynamics Research Group in the Sol Price School of Public Policy at USC, and Stephen Levy, Director of the Center for Continuing Study of the California Economy.

Afternoon roundtables provided participants with new information about how to work with several demographic topics: Accessing Census Bureau Demographic and Economic Data from the New American FactFinder; County Fertility Trends; DOF City Estimates Data Sources and Challenges; Estimating Migration for Population Forecasts; Projecting K-12 Public School Enrollments: Are Big Changes Ahead for the Los Angeles Unified School District?; and Childhood Well-Being.

FISCAL IMPACT:

Work associated with this item is included in the current FY 2014-15 Budget under 800-0160.04.

ATTACHMENT:

Recap of the 26th Annual SCAG-USC Demographic Workshop (June 1, 2015): Big Changes Ahead in Post-Recession California

Recap of the 26th Annual SCAG-USC Demographic Workshop (June 1, 2015): BIG CHANGES AHEAD IN POST-RECESSION CALIFORNIA

Simon Choi, Chief of Research and Forecasting
Frank Wen, Manager of Research and Analysis

Energy & Environment Committee (EEC)
July 2, 2015



26TH ANNUAL DEMOGRAPHIC WORKSHOP BIG CHANGES AHEAD IN POST-RECESSION CALIFORNIA



EVENT PROGRAM
MONDAY, JUNE 1, 2015
California Science Center



26TH ANNUAL DEMOGRAPHIC WORKSHOP BIG CHANGES AHEAD IN POST-RECESSION CALIFORNIA JUNE 01 2015

- 7:30 AM Registration/Continental Breakfast
- 8:00 AM **Welcome/Introductions**
Jack Knott, Dean, USC Price School of Public Policy, USC
Hanan Alhrata, Executive Director, Southern California Association of Governments
James T. Orlitzky, Regional Director, Los Angeles Regional Office, U.S. Census Bureau
- 8:15 AM **Panel 1: Metropolitan Population Projections: What Migration After the Great Recession?**
Simon Choi, Chief of Research and Forecasting, Southern California Association of Governments
Cynthia Kraft, Chief Economist, Association of Bay Area Governments
John Pittles, President, Analysis and Forecasting Inc.
Doreell Myers (Moderator), Professor and Director of the Population Dynamics Research Group, USC Price School of Public Policy, USC
- 9:30 AM **Panel 2: New Trends in Fertility**
Janina Goldberg, PhD Candidate, USC Price School of Public Policy, USC
Lee Chonko, Professor of Anthropology, School of Social Sciences, USC
Doreell Myers, Professor and Director of the Population Dynamics Research Group, USC Price School of Public Policy, USC
Liberal Liu (Moderator), Demographer and Medical Sociologist at the Los Angeles Cancer Surveillance Program, Assistant Professor of Preventive Medicine, Keck School of Medicine, USC
- 10:45 AM Coffee Break
- 11:00 AM **Panel 3: Millennials/Baby Boomers, Multifamily Housing and Sustainable Growth Strategies: Which Way is it Going?**
Selma Hepp, Senior Economist, California Association of
Doreell Myers, Professor and Director of the Population Dynamics Research Group, USC Price School of Public Policy, USC
Stephan Levy, Director & Senior Economist, Center for the Continuing Study of the California Economy
- 12:15 PM Working Lunch
- 12:30 PM **Lunch Keynote Speech**
Hans Johnson, Senior and Dean Fellow, Public Policy Institute of California
- 1:15 PM **Greetings**
Elhan Sharygin, State Data Center, Demographic Research Unit, California Department of Finance
- 1:25 PM **Afternoon Roundtables**
Table 1 - Assessing Census Bureau Demographic and Economic Data from the new American Factfinder with **Jerry Wong**
Table 2 - County Family Trends with **Elhan Sharygin**
Table 3 - Estimating Migration for Population Forecasts with **John Pittles**
Table 4 - Projecting K-12 Public School Enrollments: Are Big Changes Ahead for the Los Angeles Unified School District? with **Vanessa Edwards & Mary Ehrenfeld (Moderator)**
Table 5 - Childhood Well-Being with **Cheryl Wald & Jacquelyn McCroskey**
Table 6 - U.S. City Economic Disparities and Challenges with **Deag Kocymski**
- 2:25 PM **Takeaways of Roundtables, Questions & Answers**
- 3:00 PM **Concluding Remarks**

Sponsors

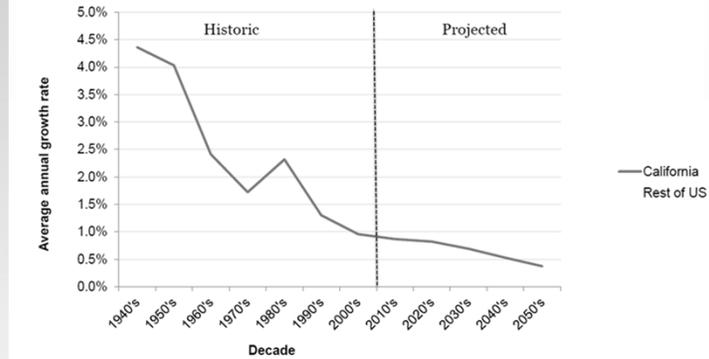


Findings

1. Population growth slows down. Why?
 - Birth rates are lower – less children
 - Immigration is lower – less immigration
 - Population aging
 - Housing costs are high – lack of housing
 - Economic growth is slow – lack of jobs
2. Policy implications
 - Invest in solution to cost and congestion problems
 - Reduce constraints to new housing development
 - Improve coordination of economic development and housing policies
 - Provide more multiple housing units near downtowns/transit oriented communities
 - Improve educational attainment

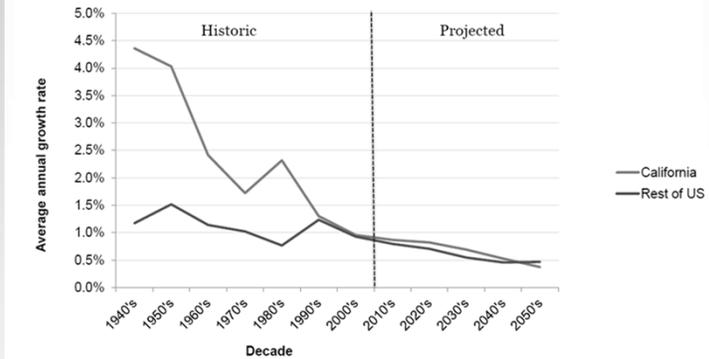
Population Growth Slowdown

Growth rates have fallen...



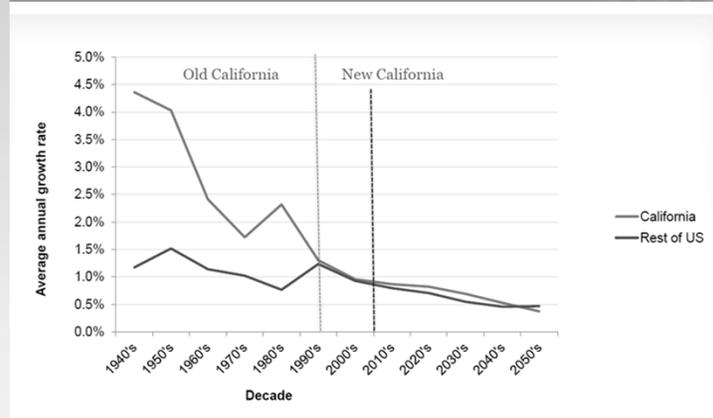
Population Growth Slowdown

... and are now similar to the rest of the U.S.



Population Growth Slowdown

The New California is defined by slow growth rates



Annual Average Growth Rate of Population: 1850-2035

Over the last 160 years (1850-2010), the regional growth went through 4 periods: (1) very rapid growth, (2) rapid growth, (3) average growth, (4) slow growth, using statewide growth as a reference. The new projection shows a "slower" growth than 4th period (1990-2010) with an annual average growth rate of less than 1% in the future.

Periods	1850-1910	1910-1960	1960-1990	1990-2010	2010-2014	2015-2035
SCAG Region	310.8%	21.6%	2.9%	1.2%	0.9%	0.7%
California	41.1%	11.2%	3.0%	1.3%	1.0%	0.9%
US	5.0%	1.9%	1.3%	1.2%	0.8%	0.8%

Source: US Census Bureau, Decennial Census (1850-2010), Population Estimates (2014), Population Projections (2014); CA DOF, Population Projections, 2014; SCAG, Preliminary Growth Projections, 2014.

Population Growth Slowdown

What Year Does Orange County Reach 3.5 Million Population?

- Old Expectation = 2017
- New Outlook = never

Source:
California Department of Finance, 2007 and 2013

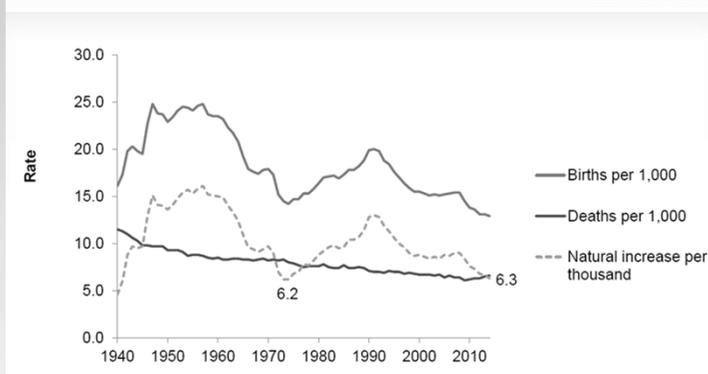
Intro to the San Francisco Bay Area

- 109 jurisdictions
- 7.4 million people
- 2.6 million households
- 3.6+ million jobs
- Between 2010 and 2013/2014
 - jobs grew by 9.8%
 - population by 3.8%
 - housing stock by 1.4%.



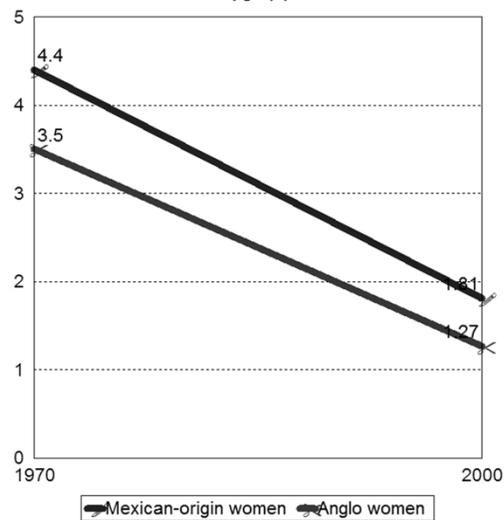
Components of Growth: Natural Increase

Rates of natural increase are at low levels



Declines in Fertility

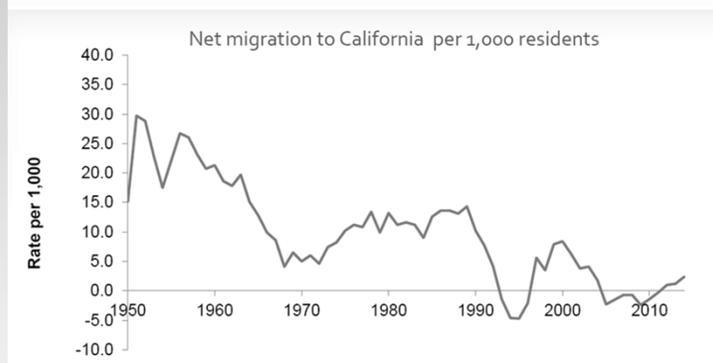
Mexican-origin Women and Anglo Women, ages 18-44



Source: U.S. Census

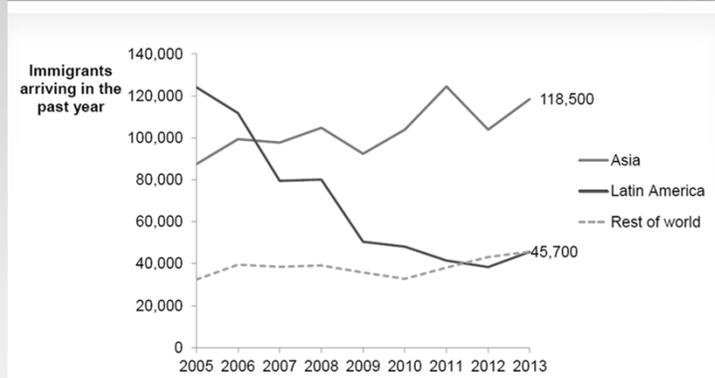
Components of Growth: Migration

Migration has been at record lows

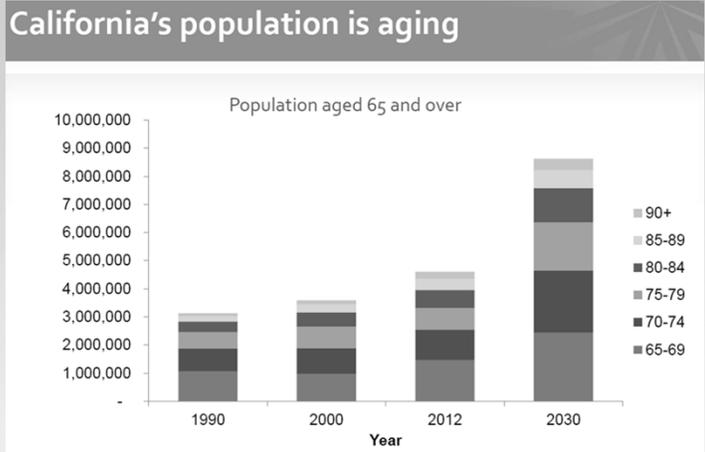


Immigrants and Racial/Ethnic Change

Asia has replaced Latin America as the leading source of immigrants

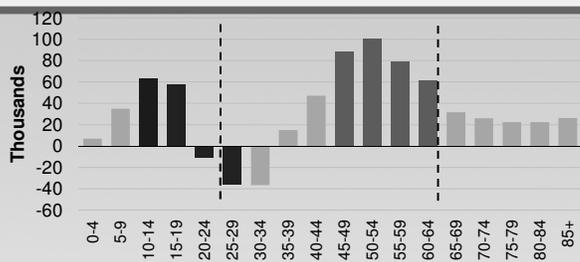


Population Aging

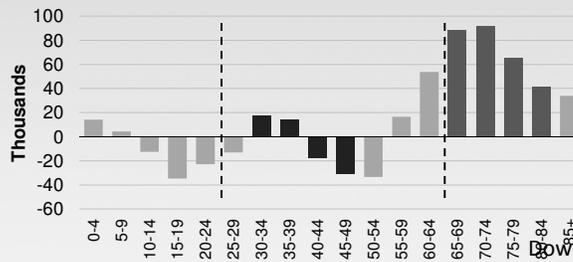


Growth in Age Groups in Orange County

1990 - 2010



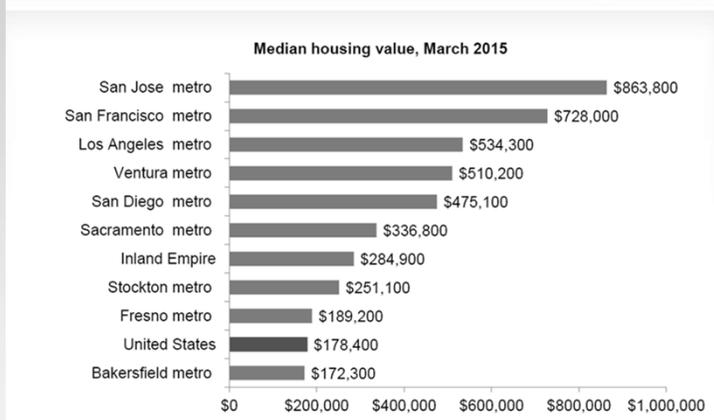
2010 - 2030



Dowell Myers, USCPrice

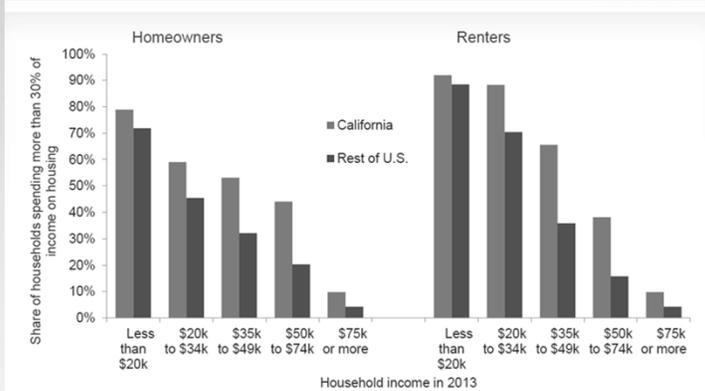
Limited Housing Supply and Slow Growth

Lack of housing restricts population growth, increases costs



Housing Affordability

More California households spend a large share of their income on housing costs



Policy Implications

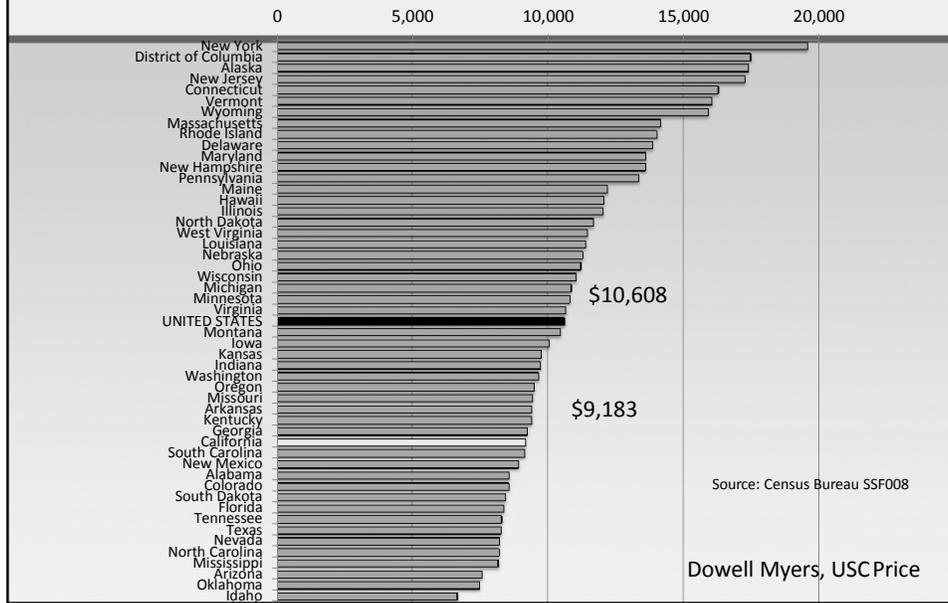
Policy implications

- California's political power is unlikely to increase
- Invest in solutions to cost and congestion problems
 - Reduce constraints to new housing development
 - Improve coordination of economic development and housing policies
- Improving educational attainment should be a central focus of state policy

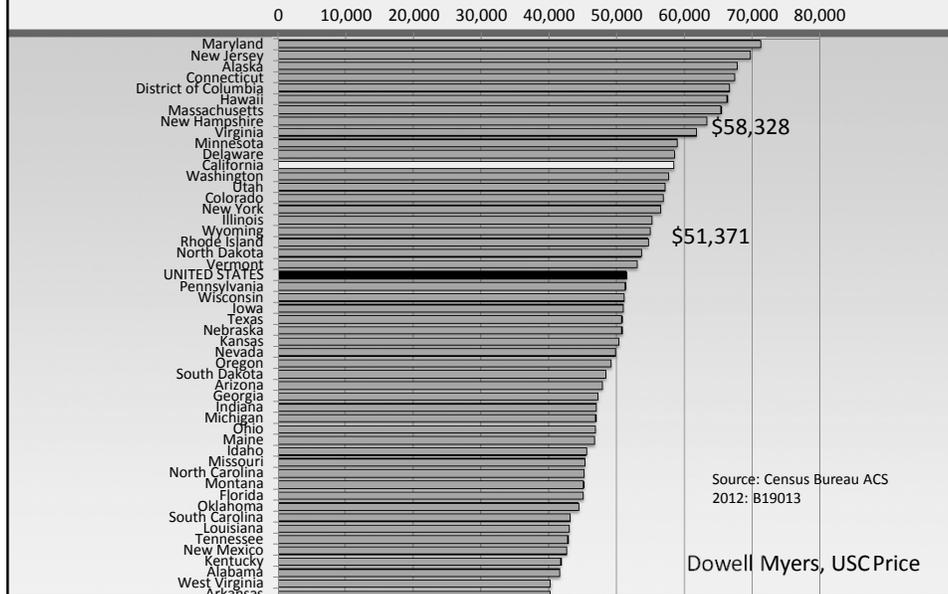
Housing Type and Location

- A shortage at all levels
- Future need at all levels—for aging boomers, for young families, for more subsidized housing
- One trend is certain—more new housing will be in multi-family buildings
- One trend is possible—more housing in or near the region's downtowns, especially those with transit opportunities.

K-12 Spending per Pupil, by State (2012)



Median Household Income, by State (2012)



For workshop materials
please visit
<http://www.scag.ca.gov/calendar/Pages/DemographicWorkshop.aspx>

Thank you!

Simon Choi, Ph. D.
Chief of Research and Forecasting
choi@scag.ca.gov



DATE: July 2, 2015
TO: Energy and Environment Committee (EEC)
FROM: Sarah Jepson, Manager of Active Transportation & Special Programs, (213) 236-1955, jepson@scag.ca.gov
SUBJECT: Lancaster Better Built Home Program and Home Water Recycling

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:
For Information Only – No Action Required

EXECUTIVE SUMMARY:
As the Southern California region continues to experience its worst drought on record, state regulations have been approved and implemented to mitigate the drought's impact. Many local jurisdictions across the region have been innovative and aggressive in developing and implementing water conservation strategies to meet statewide regulations and local sustainability goals. SCAG aims to serve as a venue for facilitating information exchange among local agencies to advance the region's goals for greater sustainability. Brian Ludicke, Director of Planning for the City of Lancaster will present to the committee on Lancaster's Better Built Home Program. Bob Hitchner of Nexus eWater will present on on-site water recycling, which is a component of the Better Built Home Program.

STRATEGIC PLAN:
This item supports SCAG's Strategic Plan, Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies/ Objective 2: Develop external communications and media strategy to promote partnerships, build consensus, and foster inclusiveness in the decision making process

BACKGROUND:
According to the California Department of Water Resources, the State is currently in its fourth year of severe drought. On April 1, 2015, Governor Brown issued an Executive Order for a mandatory statewide conservation effort to reduce potable urban water use by 25 percent. This Order called on Californians to save water, increase enforcement to prevent wasteful water use, streamline the government's drought response, and invest in new technologies to make California more drought-resilient. As the designated authority for implementing the water reductions, the State Water Resources Control Board adopted emergency regulation standards and set up a new system that places urban water suppliers in one of nine tiers which are assigned a conservation standard ranging between 4 and 36 percent. Cities in the SCAG Region are required to reduce anywhere from 8 to the maximum 36 percent of potable urban water use based on their water use from 2013 and 2014. To learn which tier your community is assigned, visit http://www.swrcb.ca.gov/waterrights/water_issues/programs/drought/docs/emergency_regulations/draft_usa_ge_tiers.pdf.

California Department of Housing and Community Development Regulations

In May, the State Water Resources Control Board (SWRCB) adopted a regulation requiring an immediate 25 percent statewide reduction in overall potable urban water use beginning in June. Acting on the SWRCB regulation, on June 1, 2015, the California Department of Housing and Community Development (HCD) adopted new building standards through an emergency adoption process for conserving water for newly constructed residential buildings. Regulations include implementing water-efficient landscaping and the use of captured rainwater, recycled water, or gray water in landscape areas. The regulations apply to all residential building permits approved on or after June 1, 2015. The regulations are contained in the California Green Building Standards Code. More information about the state's drought response and how to conserve water can be found at www.drought.ca.gov and www.SaveOurWater.com

City of Lancaster Recycled Water Direct Reuse Program

The City of Lancaster has taken an active role in protecting its water resources through its Better Built Home Program and enacting Lancaster's Recycled Water Direct Reuse Program. The program will provide access to approximately 370 acre feet of recycled non-potable water per year (120 million gallons per year/330,000 each day) for the first three years. All recycled water meets the State of California's Title 22 standards, which mandate that water be treated to specific levels depending on the intended use. Recycled water is one of the tools developers can use to implement HCD's more restrictive requirements for water conservation in new development.

Brian Ludicke, Director of Planning for the City of Lancaster will present to the committee on Lancaster's Better Built Home Program. Bob Hitchner of Nexus eWater will present on home water recycling, including relevant changes to California Code, the impact it can have on home water use, and how it is treated in several emergency regulations that have been introduced in spring 2015.

SCAG staff will continue to monitor the drought, track the State's water conservation efforts, and promote sharing of best practices across the region. The 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy will analyze the impact of alternative land-use and transportation scenarios on water consumption to explore ways in which the built environment in combination with new technologies and other strategies can improve water reliability and stability in the Southern California region.

FISCAL IMPACT:

None

ATTACHMENTS:

1. PowerPoint Presentation: "Better Built Home Program"
2. PowerPoint Presentation: "Building California Homes to be 'Recycle Ready'"

Better Built Home Program



James Vose
CHAIRMAN



Thomas (Randy) Hall
VICE CHAIRMAN



Diana Cook
COMMISSIONER



Dr. Miguel Coronado
COMMISSIONER



Cassandra Harvey
COMMISSIONER



Raj Malhi
COMMISSIONER



Fabian Terracciano
COMMISSIONER

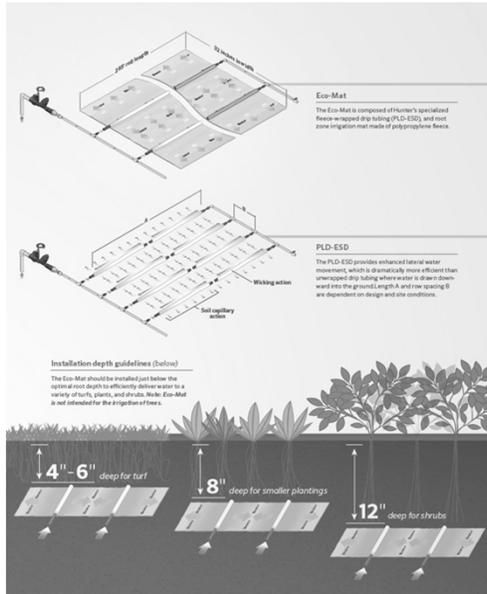


WATER CONSERVING



NO TURF LANDSCAPE

Gibraltar Tract Home



SUB-SURFACE IRRIGATION

Water Usage Benefits

- No water loss due to wind
- Minimal water lost through evaporation
- Almost 100% even water distribution
- No run-off
- Ability to water any time of day



look for

A SHOWER OF SAVINGS
Installing WaterSense labeled showerheads just adds up!

Why waste...

2,900 GALLONS of water

+ 13 DAYS of energy to power your home

+ \$70 per YEAR

ShowerBetter

REPLACING FAUCETS AND AERATORS

with **WATERSENSE MODELS** can save **700 GALLONS** per year

EQUAL TO 40 SHOWERS worth of water

Why not this!

Introducing The World's First In-Home **WATER AND ENERGY RECYCLING SYSTEM**

[f NexusEwater](#) [@NexusEwater](#)

Instead of ...

Water and Heat, down the drain...

34% less water
70% less sewage
75% less water heating

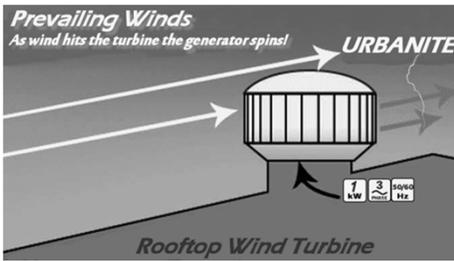
Lower Consumption

Water and Heat Recycled

Continued Watering "Drought Proof"

Energy

Solar



and Wind Systems.

ENERGY STAR Home Energy Yardstick - RESULTS
The Home Energy Yardstick compares a household's energy use to similar homes and gives it a score between 0 and 10 (10 being the most energy efficient). An average household scores a 5.

Yardstick Score: 9.3* [PRINT THESE RESULTS](#)

Annual pollution resulting from energy use in this household is 7 MTCO₂e of greenhouse gas emissions - the equivalent of 1 car.

About Your Home [\(edit\)](#)
Zip code: 27516
People living in your Home: 4
Square Footage: 4,200
Heating Degree Days: 2992
Cooling Degree Days: 1997

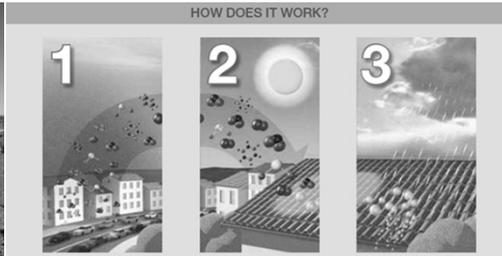
Energy Use [\(edit\)](#)
Electricity Use: 12,255 kWh Cost: \$1,300
Natural Gas Use: 158 Therms Cost: \$150
Total Source Energy Consumption: 156,202 kBtu



LED Lighting

Home Energy Storage Systems

ENERGY STAR



SMOG EATING TILES

ENVIRONMENT



CONSTRUCTION WASTE RECYCLING

Category 1 - Water			
Description	Program Points	Selection	Your Points
No Sod Features	1		
Installing Water Sense Fixtures	1		
Grey Water System			
Pre-plumb	2		
Operating Grey Water System	3		
Subsurface Irrigation	1		
	Cat. 1 – Subtotal		
Category 2 - Energy			
Description	Program Points	Selection	Your Points
Solar/Wind System			
1.4 kW	1		
2.0 kW	2		
3.0 kW or larger	3		
Vehicle Charging Prewire	1		
Vehicle Charging Station Install	2		
Home Energy Storage System			
4 kW-h System or larger	5		
8 kW-h System or larger	10		
Energy Star Home	6		
Energy Star Appliances	2		
LED Lighting on Exterior	1		
LED Lighting on Interior	2		
	Cat. 2 – Subtotal		
Category 3 - Environment			
Description	Program Points	Selection	Your Points
Smog Eating Roof Tile	1		
85% Recycling of Constr. Wastes	1		
	Cat. 3 – Subtotal		
Total of Categories 1, 2, & 3			
(must equal or exceed 10 to be eligible for incentives)			
* Program to run through the end of 2016.			

Better Built Home Program



QUESTIONS?

Building California Homes to be “Recycle Ready”



And why it's Time to Design
Rainwater + Greywater
Into Every New Home

Bob Hitchner
Nexus eWater Inc.
bob@nexusewater.com

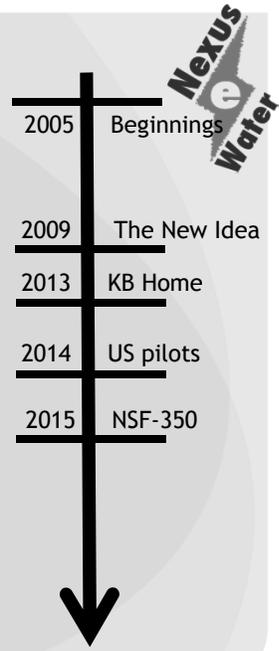
On-site Water Resources

- a. *Harvested rainwater*
 - a. *Precipitation*
 - b. *Rainfall pattern*
 - c. *Roof size*
 - d. *Cistern size*
- b. *Untreated greywater*
 - a. *Occupants*
 - b. *Consistent production*
 - c. *No storage*
- c. *Treated Grey water*
 - a. *Storage*
 - b. *Any irrigation*
 - c. *Toilets too*

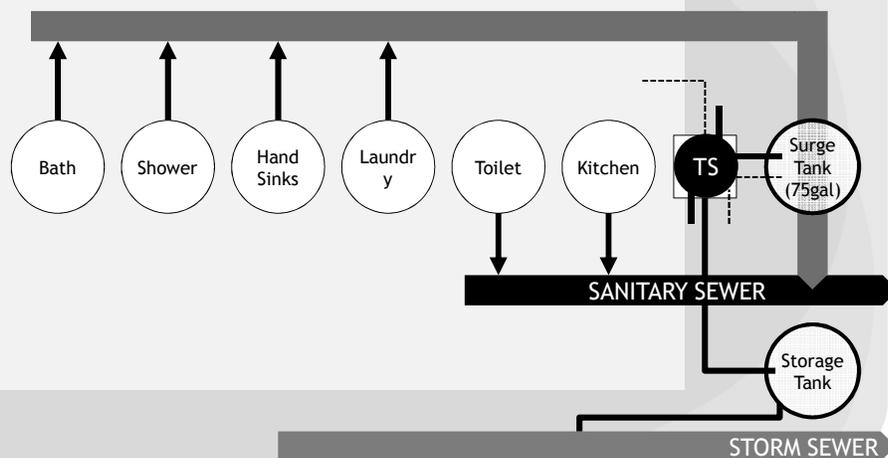


On-site Water Reuse: A History

1. *Prehistory: The "Greywater Guerillas"*
2. *2008 - Legislature puts Greywater into Code*
3. *2013 - "On-site treated grey water" debuts*
4. *2015 - The Drought Emergency*
 - Mandated Water cuts by every Water Agency
 - Landscape water budgets cut 30% (MWEL0)
 - CalGreen defines "On-site Water Recycling"
 - Governor launches the "WET" development program
 - First system certified to NSF-350 for greywater reuse
 - First-ever Community-wide implementation of Home Water Recycling



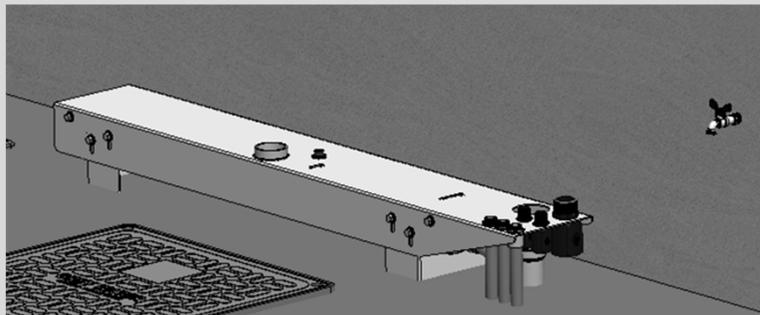
1. Carry grey water out in its own pipes



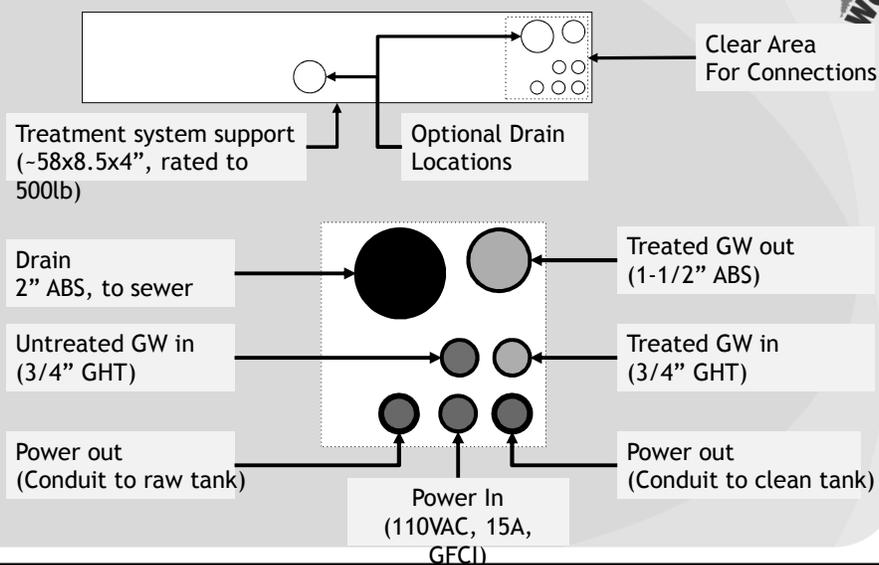
2. Preconfigure plumbing and electrical



- Dedicated electrical circuit and nearby disconnect
- Potable water for top-up
- “Surge tank” to collect grey water
- Converge with sewer line

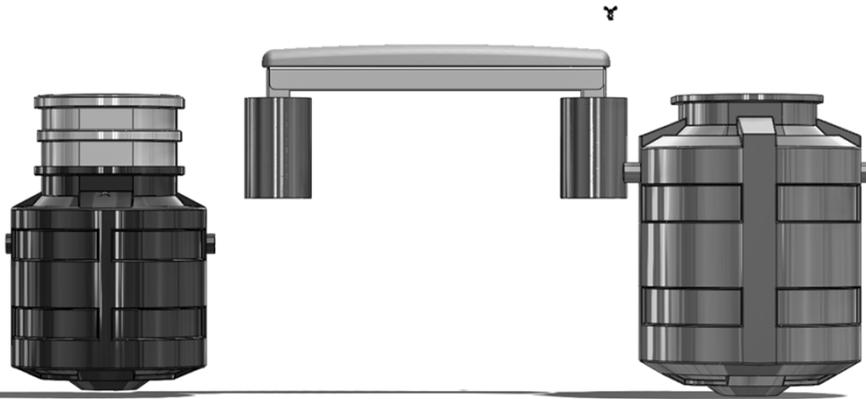


Grey Water Connection Template



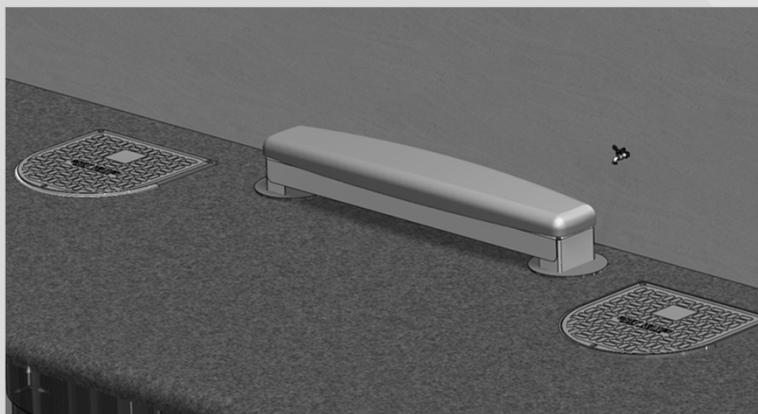
3. Treated water tank

Side view of Recycle Ready



“Recycle Ready”

Cover completes it



NEX *treater*

Recycling Appliance can be added anytime



NEX *treater*

- 200 Gallons/day of NexWater
- 10 gallon batch/hour
- 1,000,000 gal/lifetime
- No biological or chemical treatment
- Patented hybrid floatation process
- First (and only) greywater system to meet ANSI-NSF 350 standard certification



NEXUS
WATER

