

SOUTHERN CALIFORNIA



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GOVERNMENTS**

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## MEETING OF THE

# ENERGY AND ENVIRONMENT COMMITTEE

### **PLEASE NOTE TIME**

***Thursday, January 5, 2012***

***10:00 a.m. – 12:00 p.m.***

### **SCAG Main Office**

**818 W. 7<sup>th</sup> Street, 12<sup>th</sup> Floor**

**Policy Committee Room A**

**Los Angeles, CA 90017**

**(213) 236-1800**

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Deby Salcido at (213) 236-1993 or via email [salcido@scag.ca.gov](mailto:salcido@scag.ca.gov)

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## Energy and Environment Committee

*Membership – January 2012*

### Members

### Representing

<b>Chair*</b>	<b>1. Hon. Margaret Clark</b>	<b>Rosemead</b>	<b>District 32</b>
<b>Vice-Chair*</b>	<b>2. Hon. Cheryl Viegas-Walker</b>	<b>El Centro</b>	<b>District 1</b>
*	3. Hon. Lisa Bartlett	Dana Point	OCCOG
	4. Hon. Denis Bertone	San Dimas	SGVCOG
	5. Hon. Brian Brennan	San Buenaventura	VCOG
*	6. Hon. Mark Calac		Pechanga Band of Luiseño Indians
	7. Hon. Jordan Ehrenkranz	Canyon Hill	WRCOG
*	8. Hon. Mitchell Englander	Los Angeles	District 59
	9. Hon. Larry Forester	Signal Hill	Gateway Cities
*	10. Hon. David Gafin	Downey	District 25
*	11. Hon. Keith Hanks	Azusa	District 33
*	12. Hon. James Johnson	Long Beach	District 30
	13. Hon. Abbe Land	West Hollywood	WSCCOG
	14. Hon. Phil Luebben	Cypress	OCCOG
	15. Hon. Thomas Martin	Maywood	Gateway Cities
	16. Hon. Dan Medina	Gardena	SBCCOG
*	17. Hon. Judy Mitchell	Rolling Hills Estates	District 40
	18. Hon. Sam Pedroza	Claremont	SGVCOG
*	19. Hon. Lupe Ramos-Watson	Indio	CVAG
	20. Hon. Edward Scott	Rialto	SANBAG
*	21. Hon. Jack Terrazas		Imperial County
	22. Hon. Sam Toles	Cathedral City	CVAG
	23. Hon. Mark Waldman	La Palma	OCCOG
	24. Hon. Edward Wilson	Signal Hill	Gateway Cities
*	25. Hon. Dennis Zine	Los Angeles	District 50

\* Regional Council Member

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# ENERGY & ENVIRONMENT COMMITTEE

## AGENDA

JANUARY 5, 2012

*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. Margaret Clark, 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 Council, must fill out and present a Public Comment Card to the Assistant prior to speaking. Comments will be limited to three (3) minutes per speaker provided that the Chair has the discretion to reduce this time limit based upon the number of speakers. The Chair may limit the total time for all public comments to twenty (20) minutes.

### REVIEW AND PRIORITIZE AGENDA ITEMS

#### CONSENT CALENDAR

	<u>Time</u>	<u>Page No.</u>
<u>Approval Item</u>		
1. <u>Minutes of the November 16, 2011 Special Meeting</u>	Attachment	1

#### INFORMATION ITEMS

2. <u>Green Region Initiative</u> <i>(Grieg Asher, SCAG Staff)</i>	Attachment	10 mins.	8
3. <u>2012 Regional Transportation Plan (RTP) Goods Movement Environmental Strategy</u> <i>(Annie Nam and Alison Linder, SCAG Staff)</i>	Attachment	30 mi	10
4. <u>Status Report on the Draft Program Environmental Impact Report (PEIR) for the 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)</u> <i>(Jacob Lieb, SCAG Staff)</i>	Attachment	15 mins.	18
5. <u>Draft 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and Program Environmental Impact Report (PEIR) Process—Next Steps</u> <i>(Douglas Williford, Deputy Executive Director, Planning and Programs)</i>	Attachment	10 mins.	19

#### CHAIR'S REPORT

#### STAFF REPORT

*(Jacob Lieb, SCAG Staff)*

#### FUTURE AGENDA ITEMS

Any Committee member or staff desiring to place items on a future agenda may make such a request.

#### ANNOUNCEMENTS

#### ADJOURNMENT

*The next regular meeting of the Energy & Environment Committee will be held on Thursday, February 2, 2012 at the SCAG Los Angeles Office.*

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Energy and Environment Committee  
of the  
Southern California Association of Governments  
November 16, 2011

*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 held its meeting at the SCAG office, in Los Angeles. The meeting was called to order by the Hon. Margaret Clark, Chair. There was a quorum.

**Members Present**

Hon. Denis Bertone, San Dimas	SGVCOG
Hon. Margaret Clark, Rosemead	District 32
Hon. Larry Forester, Signal Hill	GCCOG
Hon. Keith Hanks, Azusa	District 33
Hon. James Johnson, Long Beach	District 30
Hon. Abbe Land, West Hollywood	WSCCOG
Hon. Thomas Martin, Maywood	GCCOG
Hon. Dan Medina, Gardena	SBCCOG
Hon. Judy Mitchell, Rolling Hills Estates	SBCCOG
Hon. Edward Wilson, Signal Hill	Gateway Cities

**Members Not Present**

Hon. Lisa Bartlett, Dana Point	TCA
Hon. Brian Brennan, San Buenaventura	VCOG
Hon. Mark Calac	Pechanga Band of Luiseno Indians
Hon. Jordan Ehrenkranz, Canyon Lake	WRCOG
Hon. David Gafin, Downey	District 25
Hon. Sam Pedroza, Claremont	SGVCOG
Hon. Lupe Ramos Watson, Indio	CVAG
Hon. Ed Scott, Rialto	SANBAG
Hon. Jack Terrazas	Imperial County
Hon. Sam Toles, Cathedral City	CVAG
Hon. Cheryl Viegas Walker, El Centro	District 1
Hon. Mark Waldman, La Palma	OCCOG
Hon. Dennis Zine, City of Los Angeles	District 50

**CALL TO ORDER & PLEDGE OF ALLEGIANCE**

Hon. Margaret Clark, Chair, called the meeting to order at 1:34 p.m.

**PUBLIC COMMENT PERIOD** – Melanie Schlotterbeck, Friends of Harbors, Beaches and Parks, informed the EEC that there were thirty (30) conservation organizations in support of a Natural Lands Acquisition Strategy in SCAG's 2012 RTP/SCS. Ms. Schlotterbeck urged the Committee to consider collaborating with the conservation community in implementing the strategy.

## **REVIEW AND PRIORITIZE AGENDA ITEMS**

### **CONSENT CALENDAR**

#### **Approval Items**

##### 1. Minutes of September 1, 2011 Meeting

A motion was made (Bertone) to approve the Consent Calendar. The motion was seconded (Forester) and unanimously approved.

### **ACTION ITEMS**

##### 2. Overview of Proposed Natural Lands Acquisition and Open Space Conservation Strategy to be included in the 2012 Regional Transportation Plan and Sustainable Communities Strategy (2012 RTP/SCS)

Staff informed the EEC that the Regional Transportation Plan (RTP), under federal transportation law, SAFETEA-LU, requires that the RTP contain a discussion of mitigation of natural resource and environmental impacts. It further requires a consultation process on the development of the RTP with Federal and State resource agencies. This is an on-going consultation process.

SCAG has received a number of comments suggesting that our agency take a more proactive stance as it relates to open space conservation and mitigation of the open space impacts from the transportation system. As a result, staff felt that it should develop an advanced mitigation concept in the strategic planning initiative and commit to a more directed mitigation approach in the RTP.

Staff indicated that the following proposed language would go into the 2012 RTP mitigation discussion:

- Engage in a strategic planning process to determine the critical components and implementation steps for identifying and addressing open space resources.
- Identify and map regional priority conservations areas based on the most recent land use date for future consideration and potential inclusion in future plans.
- Engage with various partners, including CTCs and local agencies, to determine priority conservation areas and develop an implementable plan.
- Develop regional mitigation policies or approaches for the 2016 RTP.

Staff discussed models for this policy including Orange County and San Diego.

A motion was made (Land) to recommend to the Regional Council at the December 1, 2011 meeting that as part of the release of the draft 2012 RTP/SCS, the Plan included a Natural Lands Acquisition and Open Space Conservation Strategy. The motion was seconded (Bertone). A motion was made for further discussion (Luebben).

Staff clarified the proposed language for the EEC and explained that should the EEC act on the motion as it had been stated, the Committee would be making a recommendation to the Regional Council that the Draft RTP include a policy within the mitigation section that commits the region to the strategic planning process following adoption of the RTP. With regard to the language of the

policy, staff also clarified that the EEC could advise staff on revised language as part of its action today or move the recommendation as-is and once the Draft RTP is released, advise Staff on any modifications to the language.

A motion was made to Call the Question (Land). The motion was seconded (Bertone). The motion was withdrawn (Land) to allow for further discussion.

Hon. Judy Mitchell, SBCCOG, suggested that the language in the RTP leave out the word “acquisition” and refer only to “preservation of land.” She explained that if the land is already in the public domain, we would work to preserve it. This does not prevent any entity that has the authority to acquire land whether it be by eminent domain or by purchase acquisition. There was concern by some of the Committee regarding the acquisition language so Councilmember Mitchell suggested that if “acquisition” was to be omitted, we would still not be impairing open space as the region does its planning.

Hon. Margaret Clark, Chair, asked if the maker of the original motion if she would accept the deletion of the word “acquisition” in the recommendation. Hon. Abbe Land, maker of the motion, stated that what she would like to see the Committee move forward its recommendation without deletion of the word “acquisition,” since as part of the strategic planning process you look at all of these things.

Mr. Lieb informed the Committee that it was the intention of staff to include the word “acquisition” as one of the issues that would be a part of the strategy. Staff is not recommending any particular acquisition at this point and is not recommending any particular avoidance strategies.

Hon. Phil Luebben, OCCOG, stated that the recommended action was in the affirmative, “Recommend that as part of the release Draft 2012 RTP/SCS the plan include a natural lands acquisition and open space conservation strategy”. He stated that when you include that strategy, it is basically going down the path of determining some method or way to conserve or acquire open space as part of your plan.

Hon. Abbe Land made a motion to Call the Question. The motion was seconded (Wilson). Motion carried with opposition from Councilmembers Forester, Clark, and Luebben.

The Committee proceeded with the main motion and staff clarified that the motion on the floor was to recommend to the Regional Council at the December 1, 2011 meeting that as part of the release of the draft 2012 RTP/SCS, the Plan include a Natural Lands Acquisition and Open Space Conservation Strategy.

A roll call vote was taken with “Yes” votes from Councilmembers Bertone, Land, Wilson, Martin, Mitchell and Johnson, and “No” votes from Councilmembers Forester, Luebben, Hanks and Clark.

### 3. Draft Program Environmental Impact Report (PEIR) for the 2012 Regional Transportation Plan and Sustainable Communities Strategy (2012 RTP/SCS)

Staff is requesting that the EEC recommend to the RC at the December 1 meeting to authorize the Executive Director, or his designee, to release the Draft Program Environmental Impact Report

(PEIR) for the 2012 RTP/SCS when the document is completed. SCAG is asking for the recommended action at this time in order to accommodate the schedule for public release of the PEIR to allow for the anticipated scheduled adoption of the RTP and SCS in April 2012. SCAG anticipates the PEIR will be completed in late December.

Hon. James Johnson, Long Beach, asked what role do zero emissions have in the RTP and whether is it being proposed in the mitigation policy? Staff replied that major pieces of the goods movement infrastructure proposed in the RTP are contingent on zero emissions technology.

At the conclusion of the 45-day public review period for the PEIR, staff explained that SCAG will respond to comments, make revisions to the final PEIR, and then ask the EEC in March 2012 to make a recommendation to the Regional Council on the final PEIR for the Regional Council's April meeting. The ultimate deadline for the adoption of the RTP is dictated by our Federal Conformity Finding which expires in June 2012. Once SCAG's Regional Council adopts an RTP, SCAG then submits it to the federal agencies. The federal agencies then have a two month period to respond to review SCAG's action. If the time lapses beyond that period, then our conformity finding may expire. The worst case scenario during a conformity lapse is that federal funding for transportation projects in the region could stop.

Hon. Margaret Clark asked if the EEC was required to recommend the action in order for it to be passed on to the RC. Staff responded that it was possible for the RC to take an action without the EEC's recommendation. Hon. Abbe Land asked to clarify that staff was asking the EEC to move the recommendation because there is a concern that at the end of December when the document is ready, it would be challenging to get a quorum of either the EEC or the Regional Council. Staff responded that was correct.

A motion was made (Bertone) to recommend that the Regional Council authorize the Executive Director or his designee to release a Draft PEIR related to the 2012 RTP/SCS for public review upon completion of the document. The motion was SECONDED (Mitchell).

Hon. Abbe Land stated that for the record she understood the time sensitivity of this item but in the future, the EEC should not be put in a position to vote on a recommendation without having the documentation provided to this body.

#### Roll call vote

Yes (Bertone, Land, Martin, Mitchell, Johnson)

Opposed (Wilson, Forester, Luebben, Hanks, Clark)

Without a majority, the motion did not carry.

A question was raised as to whether the staff recommendation to release the Draft PEIR related to the 2012 RTP/SCS for public review upon completion of the document was going to the Regional Council in December. Hasan Ikhrata, Executive Director, responded that staff was planning on taking the document, upon the EEC's recommendation, to the Regional Council as part of its Transportation, Sustainability and Economic Recovery Summit on December 1. But because the recommended motion did not carry earlier on in this meeting, this Committee will have to reconvene to discuss further action. Mr. Ikhrata suggested, however that the Committee could reconsider the staff recommendation with a modification that the EEC, consistent with past practice, could directly authorize staff to release the Draft PEIR.

A motion was made (Forester) to reconsider the recommendation the prior action based on the new information provided. The motion was seconded (Bertone) and approved by the majority of the members, with one opposition (Luebben).

Hon. Margaret Clark informed the Committee that it would now vote on the reconsidered recommendation.

A new motion was made (Mitchell) to recommend that the EEC authorize the Executive Director or his designee to release a Draft Program Environmental Impact Report (PEIR) related to 2012 RTP/SCS for public review upon completion of the document. The motion was seconded (Johnson).

Hon. Keith Hanks asked what the difference was in this recommendation compared to the previous recommendation. Staff responded nothing had changed other than clarification had been made on the process. The Draft PEIR may be released for public review by the Regional Council with or without the recommendation of the EEC. After the 45-day public review and comment period the final PEIR would be brought to the Regional Council for certification, before the RTP is considered for approval by the agency.

Hon. Margaret Clark then asked the EEC if there was any need for further discussion on the motion. The motion was approved by majority, with opposition from Councilmembers Luebben and Hanks.

#### **INFORMATION ITEMS**

##### **4. Discussion on Measures to Reduce Cost of Transportation System**

Staff informed the EEC that this item was on the agenda at the suggestion of the Hon. Keith Hanks, Azusa, who has presented to this EEC and the Regional Council information regarding technological approaches and other types of measures that the SCAG region might consider in order to make sure that we are getting the best out of the substantial investment that is included in the RTP.

Hon. Keith Hanks stated he was very concerned that the RTP, as outlined, has no way of funding approximately 125-150 billion dollars' worth of work without essentially raising taxes. The region will need money to fix its failing infrastructure. If the funding needs to be done by taxes and if SCAG is going to recommend taxes, we owe it to our constituents to recommend ways to reduce the impact of the taxes, or obtain the money by some other method.

Hon. Keith Hanks stated that he would like to see the region encourage, as a policy, the opening up and drilling for our domestic fuel supplies to the point that we can lower the cost of gasoline. He also pointed out that some of the policies that this body recommends cause additional cost. For example, there will soon be a need to replace the engines on the off-road vehicles that are used to build the region's infrastructure. This is a cost the region currently cannot pay for.

Hon. Keith Hanks recommended that SCAG create a committee to look at some method of studying way to reduce or mitigate the significant additional cost through taxes that we are recommending be imposed on our constituents for the projects that are included in the RTP.

Staff proposed that this item be agendized for a future meeting of the Transportation Committee (TC) to consider formation of a subcommittee under the jurisdiction of the TC pursuant to its authorities in

this subject area under SCAG's Bylaws. The subcommittee could include appointees made by SCAG's President from other policy committees.

A motion was made (Forester) to recommend to the Transportation Committee (TC) that it form a subcommittee that includes members from EEC to study measures to reduce costs of the transportation system. The motion was seconded (Bertone) and unanimously approved.

**CHAIR'S REPORT** - None

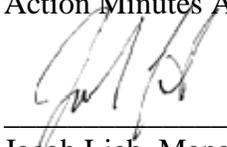
**STAFF REPORT** - None

**FUTURE AGENDA ITEMS** - None

**ANNOUNCEMENTS** - None

**ADJOURNMENT** - Hon. Margaret Clark adjourned the meeting at 2:58 p.m.

Action Minutes Approved by:



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Jacob Lieb, Manager  
Environmental and Assessment  
Services

**Energy and Environment Committee Attendance Report**

2011

Member (including Ex-Officio) LastName, FirstName	Date Appointed if after 1/1/11	Representing	X = County Represented						X = Attended					= No Meeting			Total Mtgs Attended			
			Imperial	Los Angeles	Orange	Riverside	San Bernardino	Ventura	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		Sep	Oct	Nov
Bartlett, Lisa*		OCCOG			X					X	X	X		G	X				S	6
Bertone, Denis		SGVCOG		X						X	X	X	X	E	X			X	C	8
Brennan, Brian		VCOG							X	X	X	X	N	X					A	5
Calac, Mark*		Pechanga				X								E					G	
Clark, Margaret*		Rosemead		X						X	X	X	X	R	X		X	X		8
Ehrenkranz, Jordan	1/6	WRCOG				X				NM	X	X	X	A			X		S	4
Englander, Mitchell	9/1	Los Angeles Gateway Cities		X										L			NM		U	1
Forester, Larry		Downey		X						X	X	X	X		X		X	X	M	8
Gafin, David*		Azusa		X						X	X	X	X	A	X		X	X	M	6
Hanks, Keith		Long Beach		X						X	X	X	X	S			X	X	I	7
Johnson James	1/6	Westside Cities		X						X	X	X	X	S	X		X	X	T	8
Land, Abbe		Cypress			X					X		X	X	E	X			X		5
Luebben, Phil		GCCOG		X								NM	X	M			X	X		5
Martin, Thomas	4/7	SBCCOG		X								NM	X	B				X		2
Medina, Dan	4/7	SBCCOG		X							X	X		L	X		X			3
Mitchell, Judy*		SGVCOG		X							X	X		Y	X		X	X	X	6
Pedroza, Sam		CVAG					X				X	X			X					3
Ramos Watson, Lupe		SANBAG Imperial County						X			X	X			X		X	X		5
Scott, Edward		Imperial County	X							NM	X	X	X		X		X	X		6
Terrazas, Jack	1/27	CVAG				X							NM							
Toles, Sam	4/7	El Centro	X							X	X		X		X		X			5
Viegas Walker, Cheryl*		La Palma		X						X	X	X	X		X		X			6
Waldman, Mark		Signal Hill		X						X		X	X				X	X	X	6
Wilson, Edward	1/6	Los Angeles		X							X	X	X		X		X			5
Zine, Dennis*											X	X	X				X			5
<b>TOTALS</b>			<b>2</b>	<b>15</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>1</b>												

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**DATE:** January 5, 2012  
**TO:** Energy and Environment Committee (EEC)  
**FROM:** Grieg Asher, Senior Regional Planner, Environmental and Assessment Services, 213-236-1869, [asher@scag.ca.gov](mailto:asher@scag.ca.gov)  
**SUBJECT:** Green Region Initiative

**EXECUTIVE DIRECTOR'S APPROVAL:** 

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**RECOMMENDED ACTION:**  
For Information Only – No Action Required.

**EXECUTIVE SUMMARY:**  
*Staff is providing an update on the development of a Green Region Initiative (GRI) “call-for-projects” small grant program, as called for in the FY 2011/12 Overall Work Program (OWP). As previously reported to the EEC, the goal of this program is to provide a member service for communities and partners in the area of sustainability including climate action plans; energy; water; open-space; and other environmental resource and transportation issues.*

*Specifically, the Green Region Initiative is a small grant call-for-projects program to assist local jurisdictions in funding sustainability projects or studies. Assistance to local jurisdictions will be small for this round of funding, with a total program budget of \$150,000 with the intention of increasing the program in the future. This program will begin in January 2012.*

**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:**  
In recent years, SCAG has developed extensive information, databases and experience in the areas of smart growth and sustainability through the Compass Blueprint process, the development of the 2008 Regional Comprehensive Plan, and the 2004, 2008 and Draft 2012 Regional Transportation Plans (RTP). During the last year, a major focus of the agency’s work has been on implementing Senate Bill 375 which introduces Greenhouse Gas (GHG) reduction targets into the regional planning process. Further, the EEC through its own discussions and deliberations, has gathered substantial information and has demonstrated an on-going interest in sustainability issues affecting the region and its jurisdictions.

At the May 2011 SCAG General Assembly in La Quinta, SCAG Executive Director, Hasan Ikhrata announced that SCAG would be introducing a new Green Region Initiative, with funding to assist jurisdictions and recognition awards, which would be a key element of SCAG’s ongoing sustainability work.

# REPORT

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As part of the discussion with the EEC over the past year, staff provided more detailed descriptions of the Green Region Initiative.

The Green Region Initiative is a regional, collaborative initiative for voluntarily promoting the sustainability of communities in the SCAG region. The program will track the policies and practices by which local governments quantify and measure their sustainability achievements and progress. A set of common performance measures would be developed and serve as a way to measure sustainability progress by local jurisdictions. This will provide local governments with a tool to measure their progress and achievements through an ongoing improvement process. By employing common standards, jurisdictions will be able to compare and evaluate their progress compared to similar communities in the SCAG region. Jurisdictions may share best practices with each other through the use of a proposed sustainability web portal, thereby accelerating the growth of sustainability in the SCAG region.

Initially, SCAG will highlight an outstanding sustainability project from the SCAG region every month on the SCAG website. This will begin the process of building a database of outstanding sustainability projects throughout the region.

Within a few months, SCAG will have a website portal for SCAG's sustainability work. This portal, or microsite, will house all sustainability-related information for SCAG, such as the Green Region Initiative database; current and future GHG studies; information on sustainability-related workshops and meetings in the SCAG region, and other useful information on sustainability.

**FISCAL IMPACT:**

Staff time is budgeted in the FY11-12 budget under work tasks 12-020.SCG00161.02 (Greenhouse Gas Planning) and 12-020.SCG00599.02 (Collaborative Process and Coordination). Funding for the grants is part of 12-020.SCG1641.01 – Green Region Initiative.

**ATTACHMENT:**

None.

**DATE:** January 5, 2012

**TO:** Energy and Environment Committee (EEC)

**FROM:** Annie Nam, Manager of Transportation Finance and Goods Movement, 213-236-1827, [nam@scag.ca.gov](mailto:nam@scag.ca.gov)  
Alison Linder, Associate Regional Planner, 213-236-1934, [linder@scag.ca.gov](mailto:linder@scag.ca.gov)

**SUBJECT:** 2012 Regional Transportation Plan (RTP) Goods Movement Environmental Strategy

**EXECUTIVE DIRECTOR'S APPROVAL:** 

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**RECOMMENDED ACTION:**  
For Information Only - No Action Required.

**EXECUTIVE SUMMARY:**  
*Over the past several years, SCAG has been conducting a study to create the Regional Comprehensive Goods Movement Plan and Implementation Strategy. Included in this plan are recommendations for nearly \$50 billion dollars in goods movement related infrastructure improvements. In addition, the plan calls for a two pronged environmental strategy to mitigate the environmental impacts of regional goods movement. This strategy includes recommendations to immediately ameliorate the impacts of regional goods movement in the near term, as well as a plan to advance development and deployment of zero and near zero emissions technologies in the long term. This presentation will outline the 2012 RTP goods movement environmental strategy, with discussion of zero and near zero emission technologies that can help the region achieve its long term goal of a zero emission goods movement system.*

**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 c) Provide practical solutions for moving new ideas forward.

**BACKGROUND:**  
Goods movement activities are substantial sources of nitrogen oxides (NOx), diesel particulate matter (DMP) and other pollutants that lead to the formation of particulate matter (PM<sub>2.5</sub> and PM<sub>10</sub>) and ozone (O<sub>3</sub>). These pollutants impact public health and propose obstacles to meeting federal air quality requirements. Federal restrictions for these pollutants are increasing in stringency and the basin has several pending attainment deadlines including 2023 for Ozone. In order to abate emissions associated with goods movement sources, SCAG has worked closely with the Goods Movement Steering Committee, including representatives from state and regional air quality agencies, the railroads, the ports, and community advocates to create an environmental strategy for goods movement. This strategy includes accelerated deployment of existing technologies and infrastructure improvements in the short term and a long term plan to develop and deploy alternative technologies for zero and near-zero emissions goods movement.

**FISCAL IMPACT:**  
Work associated with this task is included in the FY 11/12 OWP (WBS 12-130.SCG0162.01)

**ATTACHMENT:**  
PowerPoint Presentation: "2012 RTP Goods Movement Environmental Strategy as contained in 2012 RTP/SCS"



# 2012 RTP Goods Movement Environmental Strategy as contained in 2012 RTP/SCS

Presentation to:  
Energy and Environment Committee  
January 5, 2012

1

## Vision for Regional Goods Movement System

### 2012 RTP Goods Movement Vision Statement

A world-class coordinated Southern California goods movement system that accommodates growth in the throughput of freight to the region and nation in ways that support the region's economic vitality, attainment of clean air standards, and the quality of life for our communities.

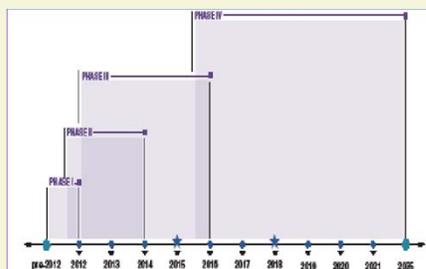
2

## Goods Movement Environmental Strategy

- Pursue a two-pronged strategy to address environmental concerns related to both rail and trucks:
  - In the near-term, support proven low-emission technologies
  - In the long-term, plan for new infrastructure to accommodate zero emission technologies and continue RD&D

### Action Plan

- Phase 1: Project Scoping and Evaluation of Existing Work
- Phase 2: Evaluation, Development and Prototype Demonstrations
- Phase 3: Initial Deployment and Operational Demonstration
- Phase 4: Full Scale Demonstrations and Commercial Deployment



## Project Scoping and Evaluation of Existing Work ( Phase 1: 2012)

- Continue ongoing efforts:
  - The Ports of Long Beach and Los Angeles: *Roadmap for Moving forward with Zero Emission Technologies at the Ports of Long Beach and Los Angeles*
  - CALSTART: *Vehicle and Technologies Characterization and Baseline*
  - SCAG: *Comprehensive Regional Goods Movement Plan and Implementation Strategy*

## SCAG Comprehensive Goods Movement Plan and Implementation Strategy

- **Related Products**
  - Analysis of Freight Rail Electrification in the SCAG Region
  - Evaluation of Environmental Mitigation Strategies
  - New Technology Alternatives for Line-Haul Container Freight: Literature Review and Detailed Technology Implementation Strategy

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## Key Milestones (Phase 2 and 3)

- 2012 – Identify potential funding to support prototype demonstration efforts; incorporate into financially constrained RTP
- 2012 – Seek federal assistance
- 2012-2014- Evaluate, develop, and demonstrate truck technology and wayside power including implementation mechanisms
- 2012-2014 – Continue to evaluate and determine practicability of applying existing electrified rail technologies (by 2013); evaluate and test new prototype locomotives
- 2015-2016 – Incorporate decisions on technology direction, including infrastructure and implementation mechanisms, strategy, funding and timeframe into 2016 RTP update and next major SIP revision

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## Key Milestones (Phase 4)

- 2016-2020 - Full deployment of zero emission transport for all container drayage between ports and near-dock railyard(s)
- 2017 -2035 – Full deployment of zero and near zero-emission trucks for substantially all regional transport; fully deploy existing electrified rail technologies if they can be practicably applied to the region
- 2018-2020 – If existing electrified rail technologies were determined not practicable, resolve need for new rail technologies (by 2018) and incorporate planning into the 2020 RTP and next major SIP
- 2018 - 2035 – Full scale demonstrations of advanced zero or near zero emission rail technology; construction of any needed infrastructure; full operational deployment

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## Near Term Truck Technologies

- Advance pathway technologies through regulatory, financial and marketing mechanisms
  - Natural gas trucks
  - Hybrid-electric trucks
    - ARB's Hybrid Truck and Bus Voucher Incentive Project (HVIP)



Photo of Cummins Westport LNG waste truck.  
Photo taken from [www.cumminswestport.com](http://www.cumminswestport.com)

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## Long Term Truck Technology

- Zero and near-zero emission trucks with different costs, battery weights, speeds and ranges. Can reduce 100% of NOx, and between 58-98% of PM2.5
  - Battery-Electric (Balqon)
  - Fuel Cell Trucks (Vision Motor battery/hydrogen fuel cell truck)
  - Plug-in Hybrids/Dual Mode Hybrids (Arvin Meritor)



## Wayside Power

- A new system will be needed to provide energy to zero-emission vehicles.
  - Wayside power
    - Catenary System
    - Inroad power (LSM or Third rail)
  - Fast Charging at a destination point
  - Plug-in Infrastructure
  - Fuel Cell



\*\*Photo courtesy of Siemens 10

## Rail Technologies

- Short Term
  - Switcher Engine Strategies
    - Replace Tier 0+ switchers with Tier 3 or Tier 4
    - Repower GenSets with Tier 4 non-road engines
- Long Term
  - Rail electrification
  - Hybrid Diesel Electric – battery recharges through regenerative braking in diesel mode
  - Battery operated tender cars – can add additional battery power to the hybrid diesel electric engine

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## Conclusion

- The Goods Movement Environmental Strategy is critical to meet regional objectives.
- This strategy will both rapidly commercialize available technologies and accelerate the development of advanced technologies.
- The region will work together to secure funding, define parameters and launch new technologies in the timeframe of this RTP.
- By Phase 4, a working group will collaboratively decide which technologies to advance to full deployment. These decisions will be formalized in the 2016 RTP and future SIP revisions.
- Key dates to begin deployment vary depending on the application. These include:
  - 2016—2020 for drayage trucks, 2017-2035 for all regional trucks, 2018-2035 for advanced rail technologies.

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## QUESTIONS?

For more information please contact:

Alison Linder

Associate Regional Planner

[linder@scag.ca.gov](mailto:linder@scag.ca.gov)



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**DATE:** January 5, 2012

**TO:** Energy and Environment Committee (EEC)

**FROM:** Jacob Lieb, Manager of Environmental and Assessment Services; 213-236-1931;  
[lieb@scag.ca.gov](mailto:lieb@scag.ca.gov)

**SUBJECT:** Status Report on the Draft Program Environmental Impact Report (PEIR) for the 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

**EXECUTIVE DIRECTOR'S APPROVAL:** 

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**RECOMMENDED ACTION:**  
For Information Only – No Action Required.

**EXECUTIVE SUMMARY:**  
*On November 16, 2011, the EEC acted to authorize the Executive Director, or his designee, to release the Draft Program Environmental Impact Report (PEIR) for the 2012-2035 RTP/SCS upon completion. This report has been prepared to inform the EEC about the preparation and release of the Draft PEIR.*

**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:**  
At the November 16, 2011 Special Meeting of the EEC, the committee authorized the Executive Director, or his designee, to release the Draft PEIR upon completion of the document. This action was also noted in the December 1, 2011 Staff Report to the Regional Council authorizing the Executive Director, or his designee, to release the 2012-2035 RTP/SCS. At the time of this writing, preparation of the Draft PEIR is in process, with a planned release date of December 30, 2011. The primary mode of distribution of the Draft PEIR will be via web posting with email notification to participants, stakeholders, and members of the public who requested to be notified. CDs and hard-copies of the Draft PEIR will be available upon request. Staff will provide a detailed update of this schedule at the January 5, 2012 EEC meeting.

**FISCAL IMPACT:**  
The consultant work is budgeted in the FY10/11 OWP under 11-020.SCG00161.04 and in the FY11/12 OWP under 12-020.SCG00161.04

**ATTACHMENT:**  
None.

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**DATE:** January 5, 2012

**TO:** Regional Council (RC)  
Community, Economic and Human Development (CEHD)  
Energy and Environment Committee (EEC)

**FROM:** Douglas Williford, Deputy Executive Director of Planning and Programs, 213-236-1919,  
[willifor@scag.ca.gov](mailto:willifor@scag.ca.gov)

**SUBJECT:** Draft 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) and Program Environmental Impact Report (PEIR) Process—Next Steps

**EXECUTIVE DIRECTOR'S APPROVAL:** 

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**RECOMMENDED ACTION:**  
For Information Only – No Action Required.

**EXECUTIVE SUMMARY:**  
*On December 1, 2011, the Southern California Association of Governments (SCAG) Regional Council approved the release of the Draft 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) for a 55-day public review and comment period, which commenced on December 20, 2011 and will close on February 14, 2012. The Draft 2012-2035 Program Environmental Impact Report (PEIR) was released on December 30, 2011. The public review and comment period on the Draft PEIR will also close on February 14, 2012. To continue SCAG's cooperative and inclusive outreach process, a number of workshops and public hearings will occur throughout the region from January to February 2012, culminating in the adoption of the Final 2012-2035 RTP/SCS in April 2012.*

**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:**  
As the Metropolitan Planning Organization (MPO) representing the Southern California region, SCAG is responsible for the development of the long-range RTP/SCS. The RTP/SCS must be updated through a collaborative, coordinated and continuous process that involves key stakeholders, including six (6) county transportation commissions, Caltrans, transit operators, local jurisdictions, marine and airport authorities, Air Quality Management Districts, state and federal regulatory and resources agencies, interest groups and the public. To provide information and solicit comments on the Draft 2012-2035 RTP/SCS, SCAG will hold outreach workshops with elected officials throughout the region (two per county) and one public hearing in each county. Subsequent input from these workshops, public hearings, and comments received during the public review and comment periods will be discussed at the Joint Regional Council and Policy Committees meeting on March 1, 2012; and possibly a second meeting in March, if necessary. The adoption of the Final 2012-2035 RTP/SCS and certification of the Final PEIR are anticipated in April 2012 at the SCAG Regional Conference and General Assembly. A tentative schedule is provided in the attached flyer.

**ATTACHMENT:**  
Draft 2012-2035 RTP/SCS Next Steps flyer



REGIONAL TRANSPORTATION PLAN  
**2012-2035 RTP**  
 SUSTAINABLE COMMUNITIES STRATEGY  
 Towards a Sustainable Future



S O U T H E R N C A L I F O R N I A A S S O C I A T I O N O F G O V E R N M E N T S

## Draft 2012-2035 Regional Transportation Plan/ Sustainable Communities Strategy (RTP/SCS)

### December 20, 2011

- Release Draft RTP/SCS with Technical Appendices for Public Review and Comment
- Begin Formal Public Review and Comment Period

### December 30, 2011

- Release Draft Program Environmental Impact Report (PEIR) for Public Review and Comment
- Launch iRTP website

## Next Steps — January – February 2012

- Outreach Workshops with Elected Officials two per county (*open to the public*)
- Public Hearings – a total of six (*dates & locations attached*)

### February 14, 2012

- Close of Comment Period for Draft RTP/SCS and PEIR

### April 4, 2012

- Regional Council Certification of Final PEIR and Adoption of 2012-2035 RTP/SCS

# Workshops with Elected Officials & Public Hearings

## VENTURA COUNTY

**Workshop: January 6, 2012 / 9:00 a.m.**

Camarillo Council Chambers  
601 Carmen Drive  
Camarillo, CA 93010

**Workshop: January 19, 2012 / 12:00 p.m.**

**Public Hearing following workshop / 2:00 p.m.**

Camarillo Library  
4101 Las Posas Road  
Camarillo, CA 93010

## LOS ANGELES COUNTY

**Workshop: January 17, 2012 / 3:00 p.m.**

Carson Community Center  
3 Civic Plaza Drive  
Carson, CA 90745

**Workshop: February 2, 2012 / 1:00 p.m.**

**Public Hearing\* following workshop / 3:00 p.m.**

Southern California Association of Governments (SCAG)  
818 W. 7th Street, 12th Floor  
Los Angeles, CA 90017

*\*Videoconferencing for the Los Angeles public hearing will be available at SCAG's regional offices in Imperial, Orange, Riverside, San Bernardino and Ventura counties.*

## SAN BERNARDINO

**Workshop\*: January 18, 2012 / 1:00 p.m.**

**Public Hearing following workshop / 3:00 p.m.**

San Bernardino Associated Governments (SANBAG)  
Santa Fe Depot  
1170 W. 3rd Street, 2nd Floor (Super Chief Room)  
San Bernardino, CA 92410

*\*Workshop immediately following the 12:00 p.m. SANBAG Plans & Programs Policy Committee meeting*

**Workshop: January 20, 2012 / 10:00 a.m.**

Development Services Building  
Apple Valley Conference Center  
14975 Dale Evans Parkway  
Apple Valley, CA 92307

*\*Workshop immediately following the 9:00 a.m. SANBAG Mountain/Desert Committee meeting*

## RIVERSIDE COUNTY

**Workshop: January 23, 2012 / 10:00 a.m.**

**Public Hearing following workshop / 1:00 p.m.**

County of Riverside Administrative Center  
4080 Lemon Street, 1st Floor (Board Chambers)  
Riverside, CA 92501

**Workshop: January 24, 2012 / 1:00 p.m.**

Coachella Valley Association of Governments  
73-710 Fred Waring Drive, Room 119  
(Executive Committee Board Room)  
Palm Desert, CA 92260

## IMPERIAL COUNTY

**Public Hearing: January 25, 2012 / 2:00 p.m.**

**Workshop following public hearing / 4:00 p.m.**

County of Imperial Administrative Center  
940 Main Street  
El Centro, CA 92243

**Workshop\*: February 2, 2012 / 1:00 p.m.**

SCAG Imperial County Office  
1405 N. Imperial Avenue  
El Centro, CA 92243

*\*Will be available by videoconference from SCAG Main Office in Los Angeles*

## ORANGE COUNTY

**Workshop: January 26, 2012 / 3:00 p.m.**

**Public Hearing following workshop / 5:00 p.m.**

City of Anaheim, Council Chambers  
200 S. Anaheim Boulevard  
Anaheim, CA 92805

**Workshop: February 6, 2012 / 3:00 p.m.**

Brandman University  
16355 Laguna Canyon Road  
Irvine, CA 92618

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The dates and times for all upcoming workshops and public hearings will be posted on the SCAG website at [www.scag.ca.gov/rtp2012](http://www.scag.ca.gov/rtp2012).

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