



Agenda

VIRTUAL MEETING
Metro Sustainability Council

Agenda

- a. Welcome/Remarks: Chair (5 min)
 - b. Approval of Minutes: Chair (2 min)
 - c. LA Metro/Sustainability Council Response to COVID-19: Nadine/Rick/Joshua (45 min)
 - d. Goods Movement Master Plan: Michael Cano (20 min)
 - e. Update on Vacant Seats: Chair (10 min)
 - f. Executive Committee Nominations: Bryn (10 min)
 - g. FY21 Meetings Arc: Cris (30 min)
 - h. Action Items Log: Aaron (2 min)
 - i. General Public Comment (5 min)
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Agenda

Metro Sustainability Council

LA Metro HQ
Mulholland Conference Room
15th Floor
One Gateway Plaza
Los Angeles, CA

Agenda

- a. Welcome/Remarks: Chair (5 min)
 - b. Approval of Minutes: Chair (2 min)
 - c. Sustainable Acquisition Program Update: Carolina/Craig (15 min)
 - d. Circular Economy Presentation: Hilda Blanco/Craig (20 min)
 - e. Draft Moving Beyond Sustainability Plan: Alvin/Paul (15 min)
 - f. Consider Adopting By-Laws: Chair (10 min)
 - g. Working Group Discussion: Chair (15 min)
 - h. Action Items Log: Aaron (2 min)
 - i. General Public Comment (5 min)
-



A. Welcome/Remarks

Rick Clarke & Thomas Small: Announcement that Cris Liban has been appointed Metro's first Chief Sustainability Officer! Heather Repenning has been appointed as the Executive Officer of Sustainability Policy! Congratulations Cris and Heather!

Bryn Lindblad: We have been having quorum issues, but today we have quorum. We have reached out to the council members that have not been participating and have informed them that their positions are vacant.

B. Approval of Minutes

Motion to approve minutes. Second.

Minutes approved.

C. Sustainable Acquisition Program Update (Carolina Coppolo & Craig Reiter)

Craig Reiter: This item is scheduled to go the board for approval in June. Discussion on pillars of the program:

- Environmental
- Ethical/Social
- Financial
- The pillars are being worked into all the processes and procedures related to this program and the rollout

The initial phase is complete, and the team is currently working directly with various groups at Metro to understand the different processes, as well as risks/opportunities, while also incorporating sustainability into these processes. We are testing toolkits and there will be a robust training program.

This program is decentralized—aimed to give all parts of the agency the tools to evaluate sustainability during procurement. We have conducted agency wide research:

- 19 meetings with 40 different Metro stakeholders
- Validated dated
- Evaluated roles

Some of the items are identified as high impact opportunities:

- Promotional products (evaluating waste, packaging, recyclable products), and there is potential to remove plastic wrapping associated with these products
- Copy Center—looking into new efficient equipment or purchasing of used equipment
- Landscape—drought tolerant plants, re-use of containers that are used for shipping plants
- Green chemicals
- Incorporating sustainability into scope of work for capital projects

- For each high impact opportunity, we draft a workflow and then add consideration for sustainability

Sustainable acquisition tool kits include:

- Material type
- GHG
- Energy
- Water
- Chemicals
- Labor
- Working groups rank these items and then we consider what changes need to be implemented

Some outcomes of working groups include discussions on:

- How do we include these considerations in the scope of work and acquisition process?
 - We are making those requirements in the scope of work to hold contractors accountable.
- Looking for innovation opportunities-- some suggestions come from the industry of the contractor, and they can get innovation credit in the evaluation criteria.

Upcoming activities:

- Working groups
- Prototype tools and procedures
- Continue best practice research
- Identify training and communication plan- individual working groups don't represent entirety of agency

Q (Michael Samulon): Have you contemplated carbon emissions associated with these products—it is a good metric

A (Carolina Coppolo): yes, for examples mowers used for landscaping

(NEXT TOPIC)

Comment (Roy Thun): We may want to consider a different approach for public and private, as they are different in terms of resource use.

(NEXT TOPIC)

Comment (Rick Clarke): Example of North Hollywood Passenger Plaza-- because projects take a long time to germinate, specs had heavily water consuming landscaping, but through this process we have completely changed the design to include drought tolerant plants. Often specs are copied over from previous project, so its important to have a comprehensive process.

A (Craig R.): Orange line control system remotely monitors water flow to detect and address leaks quickly. This has reduced water use and has informed future specs.

D. Circular Economy Presentation (Hilda Blanco)

Hilda Blanco: Provides background and information on circular economy:

- There has been difficulty around recycling since China's new policy
- Circular perspective is useful when thinking about events like this
- Concept of recycling paradigm—the most the consumer does is sort recycling.
- In circular economy- recycling is part of design of products, and the private sector assumes some of the responsibility
 - Metro has opportunity to make a difference here and can influence the supply chain of California in general
- Biological and technical cycle
 - Green incorporation into product processes becomes important and must be incorporated into procurement process
- Opportunities
 - Economic—Metro can influence entire goods market, as they are already doing
 - Collaboration is essential in this kind of procurement, opportunities to negotiate the pickup or reuse of materials
- Metro has opportunity to provide a model for others
- LA City green new deal—goals on zero waste and recovery
- Metro can educate residents and county/city around what it is and implementation process
- The element of education is key in the concept of circular economy—unless you have widespread public support, only public agencies will be able to implement
- Recycling crisis highlight the failures of unsustainable economic practices.
- Circular economy internalizes externalities to have more positive effect

Q (Roy T.): Where are we as a state? Is the carbon footprint larger from recycling?

A (Hilda B.): We don't have exact stats, but many large cities have stopped recycling entirely.

A (Bryn Lindblad): Some materials are easier to recycle, such as metals and glass

A (Carolina C.): Sometimes the scale of impact is difficult to quantify.

(NEXT TOPIC)

Q (Doug Dietrich): circular economy goes way above recycling. Also, there are opportunities to create infrastructure mechanisms in the US, we shouldn't be sending our recycling to China regardless. Do you know of any companies that are good examples?

A (Hilda B.): *Science* did an issue on this. One of the companies that provides an example of best practices is Rolls Royce. There are also clothing manufacturers that are beginning to participate.

(NEXT TOPIC)

Comment (Heather Repping): Recycling is important but reduce and reuse takes priority. There is not a good market for mixed paper and plastics, but food waste is a meaningful opportunity. It is also crucial for companies to change their packaging process.

(NEXT TOPIC)

Q (Cris Liban): We would love to collaborate more on this, are there other organizations that have embraced this?

A (Hilda B.): Metro is a leader in this initiative.

A (Cris L.): We don't want to reinvent the wheel, especially when there are already products in existence.

A (Kat Janowicz): It would be beneficial for Metro to look into opportunities related to large construction equipment.

A (Bryn L.): Durability is also key, and Metro needs to re-evaluate their views as a consumer.

E. Draft Moving Beyond Sustainability Plan (Alvin Kusumoto and Paul Backstrom)

Alvin Kusumoto: Discusses update to 2008 strategic plan, including goals and targets:

- Plan alignment with LA county and City across all categories
- Currently updating the Council and soliciting feedback
- Next phase is preparing the final draft for public input, where council can submit additional comments
- Vision Statement, mission statement was combined
 - 7 guiding principles haven't changed
- Achieve LEED silver or higher for new buildings was incorporated from comments from the Council
- We received comments that the targets in resilience weren't specific enough, so we have reviewed that comment and decided to keep what we have as this is what's in the realm of metros control
- Targets should drive to improvements, so we are looking at revising categories to drive future improvements
- Looking at including baseline data where appropriate
- Looking into how passengers travel and potential reduction in VMT

Q (Roy T.): Where does Metro sit regarding ISI Envision

A (Alvin K.): It is not a policy, but we do follow many principles. We offer Envision training here at Metro in partnership with ISI.

A (Cris L.): On every single project, there is a requirement to develop a sustainability plan. In context, the contractor looks at every single project and there is a voluntary effort on the Envision certification.

A (Roy T.): Since it is happening already, it may be worth to explicitly state it in the plan.

(NEXT TOPIC)

Q (Kimberly Colbert): Are you seeing this plan begin to drive recent procurement such as RFPs that have been awarded?

A (Alvin K.): We want sustainability to be part of every procurement, and the Sustainable Acquisition program will largely impact this. ECSD contracts for management of water, waste, energy, etc. are integral to implementation so they will be heavily involved with the MBS plan

A (Cris L.): We also made a conscious effort to prioritize this plan so all new plans will align with it.

(NEXT TOPIC)

Q (Patricia Menjivar): How did you calculate the 27% target for waste?

A (Emma Sorrell): We used technical models that consider all existing data, such as waste characterization of waste streams and what opportunities for diversion. A large part of it has to do with preventing waste generation. We also wanted to make sure targets are achievable—this is still a living target and we will be striving for continual improvement.

(NEXT TOPIC)

Q (Bryn L.): Request to discuss livable neighborhoods.

A (Paul Backstrom): We have many plans and policies around this, including a TOC Implementation plan, which will be referenced so we don't have to overlap/duplicate effort.

A (Christine M.): There are references to commitments to livable neighborhoods.

(NEXT TOPIC)

Comment (Cristine M./Cris L.): The tone of the document is easily understood and readable. Some elements are technical, but the tone is intended to communicate commitment to audience and public. The reader is supposed to see themselves as part of the plan, as opposed to the plan being described to them.

(NEXT TOPIC)

Q (Doug D.): There are project specific sustainability plans—who reviews those and holds contractors accountable?

A (Alvin K.): There are assigned sustainability PMs and environmental PMs to every project to ensure compliance and following sustainability practices. We also have downloadable SP guides.

A (Cris L.): We also have the Metro Environmental Construction Awareness (MECA) program available as a free resource to contracts (<https://www.metro.net/projects/meca/>).

(NEXT TOPIC)

Q (Michael Samulon): Building performance spec may have more impact than chasing LEED points.

A (Alvin K.): In addition, we want everyone to pursue those LEED pints that are most important to Metro

A (Doug D.): There are also dynamic plans where you can be re-scored an improvement will be documented on the placard.

(NEXT TOPIC)

Q (Hilda B.): What effects would unzoning around transit stations have on Metro land holdings?

A (Paul B./Nadine Lee): We have joint development policies. In some ways this can be helpful to us as one of the biggest things is reducing VMT and advocacy for bus lines.

F. Consider Adopting Bylaws & Working Group Discussion (Chair)

Council members discuss bylaws and item 15 is still in question. Further discussions are held regarding Metro presence on Council (it was noted they do not have voting rights).

Motion: *Include Metro employees as ex officio non-voting members.*

Voting.

Motion passes unanimously.

Voting on details of language will be postponed until next week, and options will be sent out to Council beforehand.

G. Action Items Log

- Add TOC to meeting arc

H. General Public Comment

Elijah Carter: discusses Earth Day Greater Los Angeles- goal to have 1 billion people involved globally. Celebration includes:

- Environmental justice, ending climate crisis
- Retaining ridership through awesome first experience
- Sunday April 19th- run/ciclavia/march/expo/concert
- Art exhibitions
- Electric bus display
- Art and science activities
- Healthy food demons
- 50,000+ participants



Update on the Los Angeles County Goods Movement Strategic Plan

LA County Goods Movement Strategic Plan

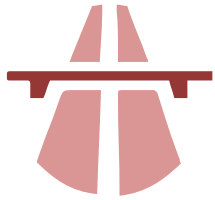
Metro Sustainability Council

May 8, 2020



Metro

LA County Goods Movement By the Numbers

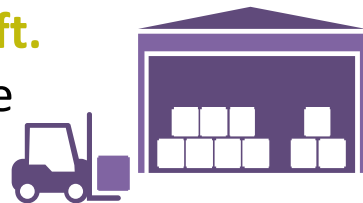


851 miles of State Highways
3,200 miles of County Roads
17,631 miles of City Roads

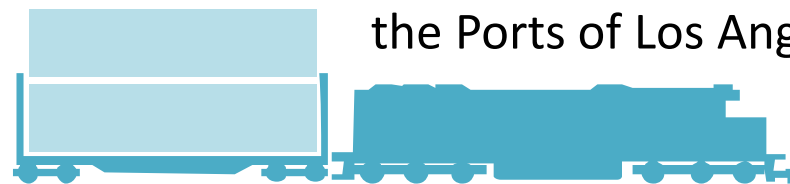
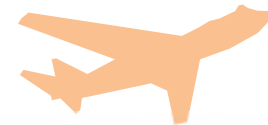


10th Busiest container port complex in the World (Ports of Long Beach and Los Angeles)

Over **578 million sq. ft.** of warehousing space
With over **18,000** warehousing buildings



Nations' **6th** busiest air cargo hub



2 Class I Railroads connecting the Ports of Los Angeles and Long Beach to the rest of the nation

51% of top-25% disadvantaged Census Tracts in CalEnviroScreen



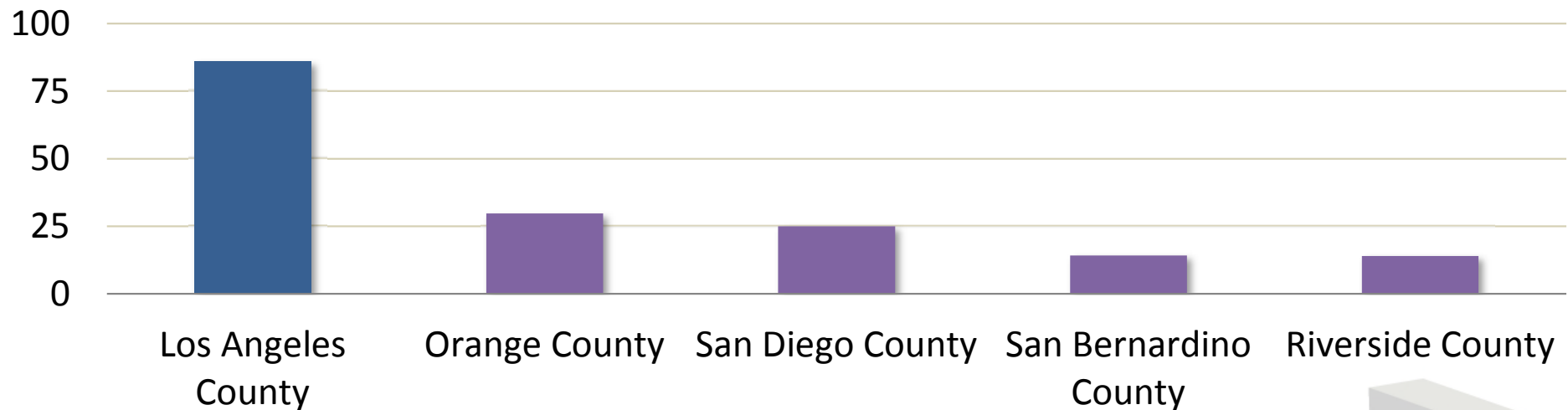
Goods Movement Means Jobs

LA County holds nearly **30%** share of California's goods movement dependent industries

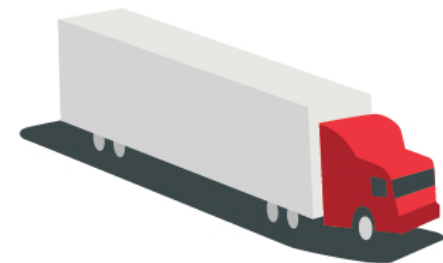
Close to **86,000** firms

With over **1.3 million** people employed

Top 5 CA Counties by Number of Goods Movement Dependent Industry Firms, 2015 (in thousands)



Source: US Census, County Business Patterns, 2015



Goods Movement Means Sales Tax Revenue

\$10.9 Billion: Sales taxes generated from Retail and Foods Services sectors in LA County in 2017¹

\$1.7 trillion worth of goods moved into, out of, and within the Los Angeles Region in 2017²

- \$1.02 trillion: Value of goods moved by **trucks**
- \$391 billion: Value of goods moved by multiple modes & mail

78 percent: California communities who depend exclusively on trucks to move their goods³

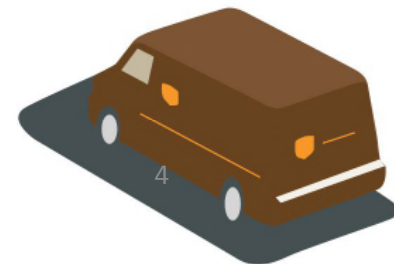
1: California Department of Tax and Fee Administration

2: Federal Highway Administration, Freight Analysis Framework (FAF) 4.5, 2019

3: Smart Freight Center: Caltrans case study in *Developing a Sustainable Urban Freight Plan*



Metro



Goods Movement: Through the Lens of COVID-19

The COVID-19 crisis has placed an undeniable lens on the vital importance of goods movement as essential to maintaining our society.

- Resiliency of supply chains flowing through LA County was tested
- Linking farms and manufacturers to stores and consumers is the fundamental requirement to link people to life-saving goods
- City of LA taps Gene Seroka, Port of LA Executive Director, to serve as Chief Logistics Officer
- Stay-at-home orders magnify importance of home deliveries
- Truck drivers especially have been critical to the movement of goods to keep businesses afloat and deliver key items to communities

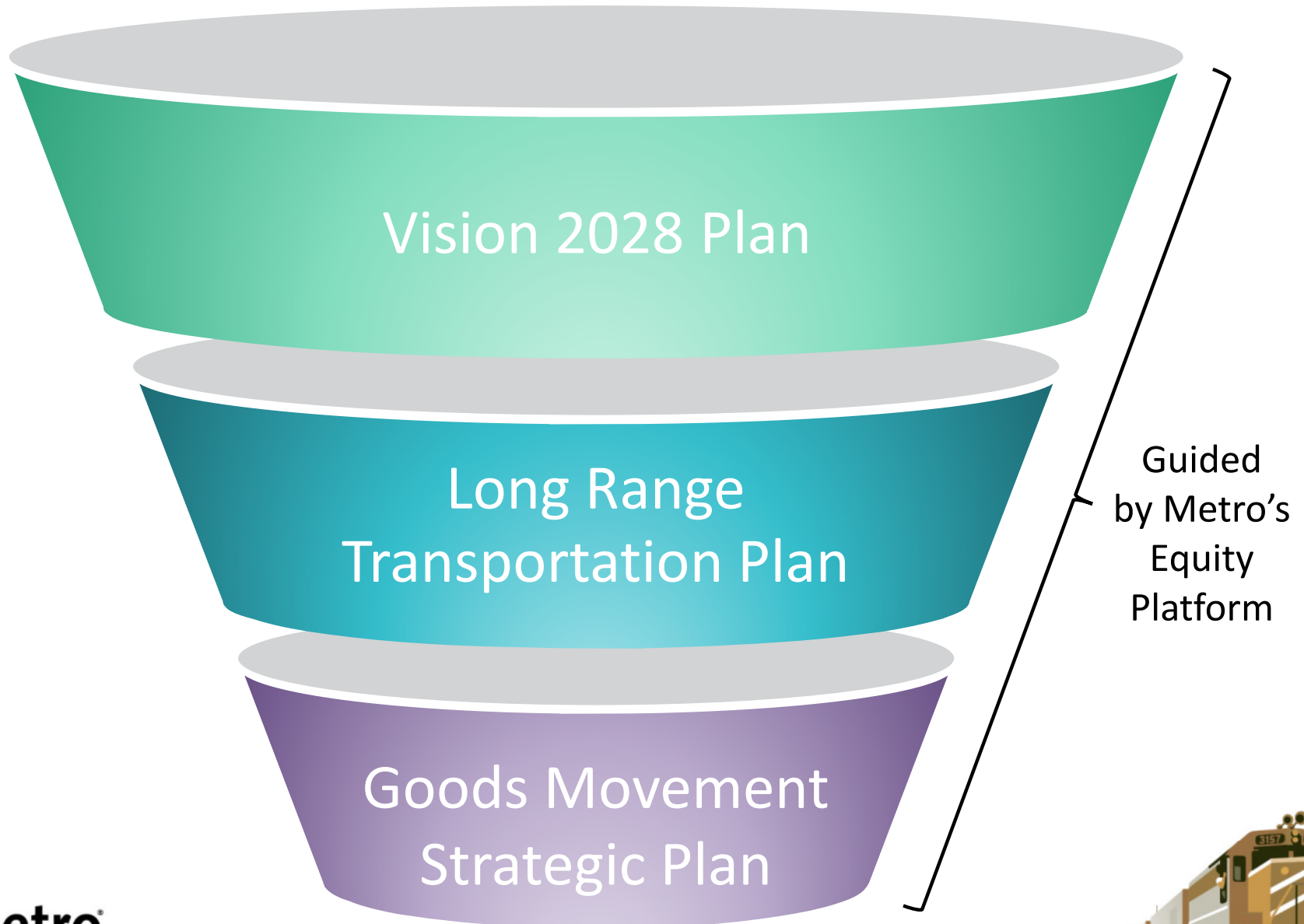
LA County Goods Movement Strategic Plan

Systematic Approach to Explore and Address Key Challenges Facing LA County:

Key Questions Asked:

- How do we ensure economic and environmental sustainability and viability?
- Will our transportation system be able to handle demand?
- What are the equity elements that are most impacted by goods movement activities?
- How do we finance new infrastructure and technology?
- What will the needs and workforce of the goods movement/supply chain system look like in the future?

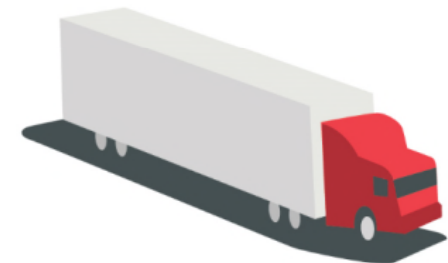
Metro's Coordinated Planning Efforts



Freight Working Group Membership

Jurisdictions	Public Agencies	Freight Industry	Research/Think Tank	Utilities / State Agencies	CBO / Public Health
<ul style="list-style-type: none"> • Gateway Cities COG • South Bay Cities COG • San Gabriel Valley COG • County of Los Angeles/County Supervisors Offices • City/Mayor of LA • Metro Board offices 	<ul style="list-style-type: none"> • Ports of Los Angeles and Long Beach • Alameda Corridor Transportation Authority • SCAG • LAWA • Caltrans D7 • Metrolink 	<ul style="list-style-type: none"> • UPS • Future Ports • Pacific Merchant Shipping Association • NAIOP • BNSF Railway • Union Pacific Railroad • Watson Land • Majestic Realty • California Trucking Industry • Harbor Trucking Industry • LA Chamber • BizFed 	<ul style="list-style-type: none"> • LAEDC • LA Cleantech Incubator (LACI) • METRANS (USC/Cal State Long Beach) • CALSTART 	<ul style="list-style-type: none"> • CA Public Utilities Commission • So Cal Edison • So Cal Gas • CA Air Resources Board • CA Energy Commission • SCAQMD • California Transportation Commission • Caltrans HQ 	<ul style="list-style-type: none"> • California Endowment • Coalition for Environmental Health and Justice (CEHAJ) • Environmental Protection Agency • Coalition for Clean Air • Breathe LA • NRDC • Communities for a Better Environment

Freight Working Group includes Metro staff across multiple departments



Mission and Vision Statement

Metro's Mission:

To provide a world-class transportation system that enhances quality of life for all who live, work, and play within LA County.

Goods Movement Strategic Plan Vision: Metro will become...

...a ***national leader*** and ***regional partner*** in implementing a modern, responsive, resilient, and effective freight transportation system through policies, programs, and projects that support a competitive global economy.

...a steward of ***equitable and sustainable investments*** and ***technological innovation*** that will increase regional economic competitiveness, advance environmental goals, and provide access to opportunity for County residents.

Expert Meetings – A Deeper Dive



Equity and public health



Sustainability



Innovative vehicle technologies



State of clean emission freight vehicle technologies



Workforce development initiatives and research



Ports (LA, LB, and LAWA)



Freight railroads and the trucking industry



Urban freight



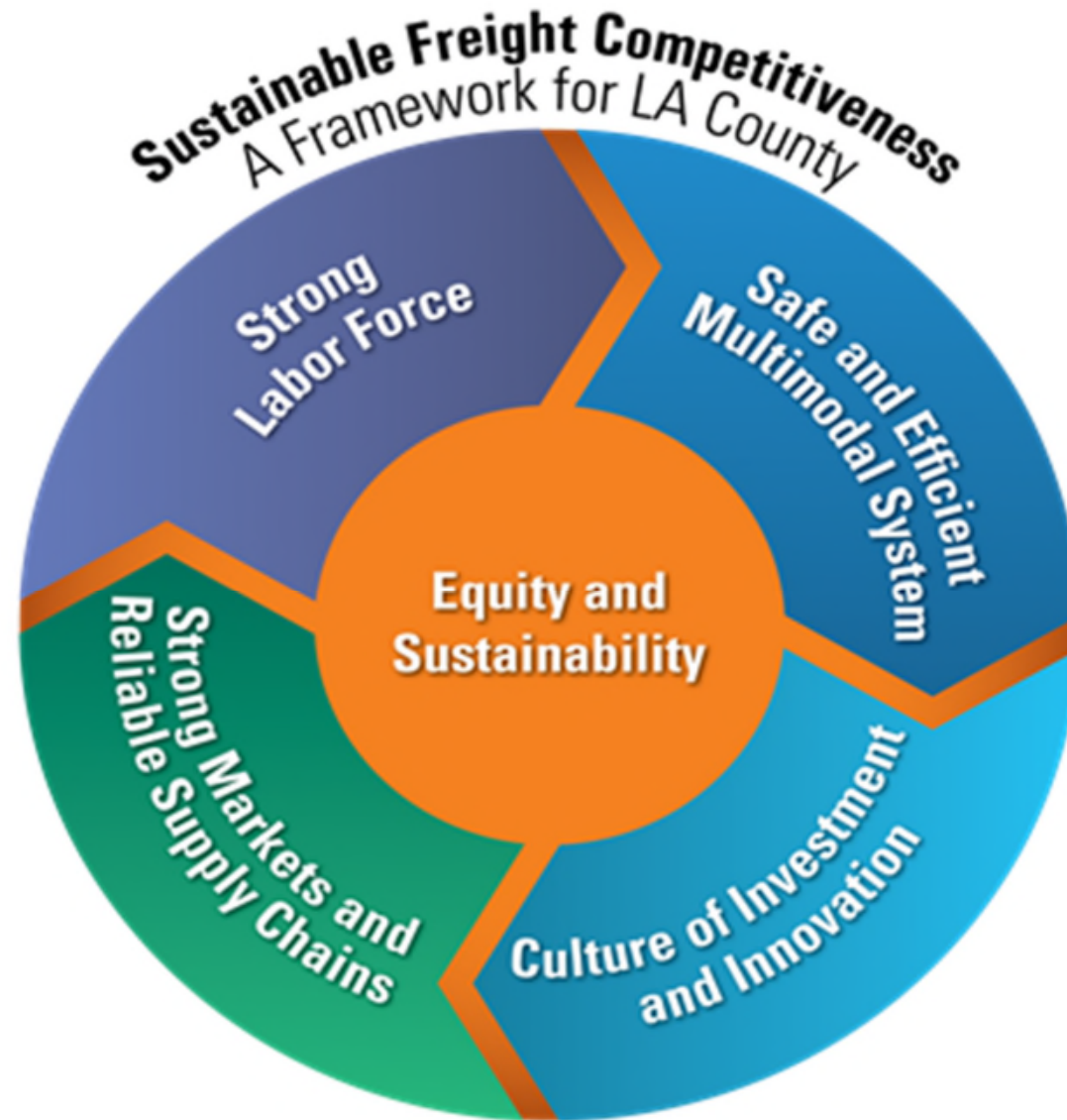
Curbside demand management



Metro



Sustainable Freight Competitiveness



Elements of Sustainable Freight Competitiveness

Equity and Sustainability

- Foundation of Metro's Goods Movement Planning activities
- Permeate through all other elements

Questions to be addressed:

- What does equity in goods movement look like for LA County?
- **How can we achieve competitiveness that is grounded in equity and sustainability?**
- How can we institutionalize an ongoing dialogue with community-based organizations/equity/public health groups?
- What are the best opportunities to **link economic growth with environmental sustainability?**

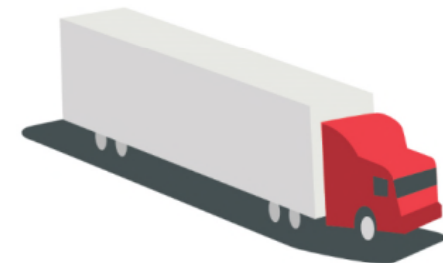
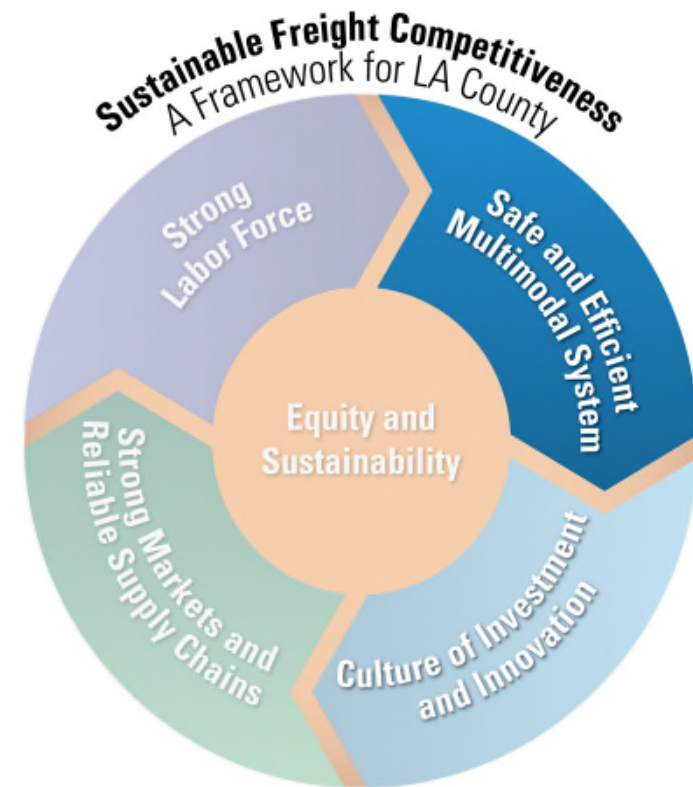


Elements of Sustainable Freight Competitiveness

Safe and Efficient Multimodal Systems

Questions to be addressed:

- Can the **shared system** meet future demand as the population grows? Can it respond to changes in the way people/goods move all while staying safe for the traveling public?
- How does Los Angeles County **compete nationally** in terms of cost, reliability, etc.?



Elements of Sustainable Freight Competitiveness

Strong Labor Force

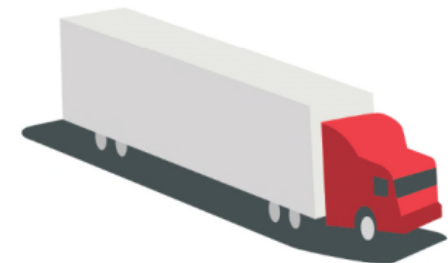
Questions to be addressed:

- **Is the local labor force positioned to support the industries of today and tomorrow?**
- Does the transportation system provide effective transportation connections between workers and these industries?
- Can we create or capture new industries and manufacturing needed for goods movement in LA County?



Early Action Initiatives

- 🔌 Defining equity for goods movement in LA County
- 🔌 Further research on / possible pilot programs for countywide workforce development in logistics
- 🔌 Accelerating clean truck initiatives
- 🔌 Freight rail investment partnership
- 🔌 Urban delivery and curbside demand management



Further Areas of Study

- ➔ Robust economic impacts analysis of goods movement activities
- ➔ The 2028 Olympic Games event logistics planning and coordination
- ➔ Development of a countywide platform for future federal transportation funding reauthorization
- ➔ Broader deployment of technology-based operational efficiency improvements



Implement Cleaner Technology for Freight Operations

- **Countywide Clean Truck Initiative** – Accelerate deployment of NZE / ZE truck technology in LA County (April 2020: Board approves \$50 million for 710 CTP)
- Strategic investment partnership with **Freight RRs and Metrolink** – Support transition to ZE technology for railroad operations in LA County
- Support Ports of LA and Long Beach efforts to meet **Clean Air Action Plan**, including on-facility ZE technology conversion and Clean Truck Program
- Freight sector produces large percentage of regional emissions and air pollution – **regional collaboration** to address challenges collectively
- Work with LACI as member of the **Transportation Electrification Partnership**



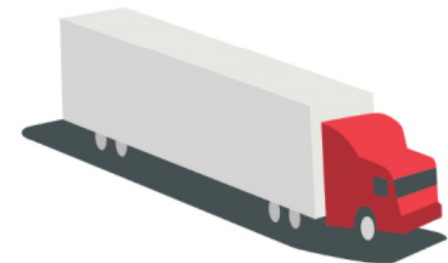
Goods Movement and Metro Sustainability

Establish Equity Freight Working Group

- Institutionalize voices of equity, sustainability, and environmental advocates in ongoing discussion on freight-related policies, programs and projects
- Work with EO for Equity and Race to develop framework

Opportunities

- Reduce unnecessary freight VMT, including maximizing freight rail usage, maintaining key locations for freight activities, and implementing technology for more efficient movement
- Acquire discretionary grant funding for regional initiatives



Local “Curbside” Goods Movement

- Integrate best practices and policy considerations in Metro Planning efforts to ensure an integrated and seamless use of curbside capacity to support local goods movement, transit usage, and transit-oriented communities
- Support Zero Emission Delivery Zone pilot programs

Promote Economic & Workforce Development

- Identify opportunities and programs to support LA County’s goods movement labor workforce of tomorrow
- Generation of goods movement jobs in LA County should support residents/equity communities



Thank you!

Questions?

Contact Info:

Michael Cano

CANOM@METRO.NET

Cell: 213.305.0423

G. Alternates Each member shall have one alternate selected from each stakeholder group and presented in writing to the Council. Metro staff will assist in the recruitment of alternates. Alternates will only have voting privileges when the Primary Councilmember is not present.

H. Meetings In the dispatch of responsibilities, the Council may conduct meetings, organize Subcommittees and engage in such related activities as it deems necessary. The Council shall meet at a minimum of quarterly meetings, but more often if it deems necessary. The Council Chair shall have the final decision on the frequency of meetings based on the items received by Metro staff and submitted to the Council. Council meetings shall be governed by Robert's Rules of Order to ensure orderly conduct.

i. Attendance After three unexcused absences at regular meetings by the primary member or by the Alternate if the Primary is not there too, a Council member will automatically lose voting privileges. Excused absences include those necessary for medical or legal reasons. An attendance roster will be circulated at each meeting. The Council Chair will notify the stakeholder representative of its absences, and privileges will not be reinstated until the Council Chair receives a new letter from the appointing stakeholder group, either supporting the primary member to remain on the Council, or identifying its new Council member and/or Alternate.

J. compensation Members and Alternates of the Council shall serve without compensation.

K. subcommittees The Council may create standing Subcommittees by two-thirds Council consensus. Subcommittees are not limited to size of membership, but speak as one voice to the Council.

Subcommittees Protocol – To enhance communication between the Council and its Subcommittees:

- > Subcommittee agendas will be formatted to be identical to the format used for Council agenda
- > Subcommittee agenda cover pages will continue to be included in Council agenda, with the disposition of items (action, discussion or information) clearly denoted. Council members shall review the agenda and inform the Council Chair if there are items they would like to discuss or items upon which they would like the Council to take action
- > During Council Subcommittee reports, Subcommittee Chairs will describe their agenda and the disposition of items. If Council members have a concern with regard to Subcommittee actions, this will be the opportunity to discuss the item and, if appropriate, take action. During their respective reports, Subcommittee Chairs should make every effort to inform the Council of anticipated/planned agenda items for the next several months.
- > The Subcommittee Chair, in coordination with the Metro Council staff person, is responsible for ensuring that time sensitive items are appropriately scheduled to afford Council members an opportunity to review the item(s) and take action, if desired
- > Council members should review the Subcommittee agendas and call the Council Chairperson and the Subcommittee Chairperson prior to the meeting, should members be interested in bringing the item to the Council for discussion

l. code of conduct and ethics Agreements All Council and Subcommittee members agree to review and sign the Council Code of Conduct and Ethics Agreement.



Los Angeles County
Metropolitan Transportation Authority
Sustainability Council By-Laws

Mission statement and objectives

The mission of the Los Angeles County Metropolitan Transportation Authority (Metro) Sustainability Council (“Council”) is to advise Metro regarding its sustainability-related activities and projects, continually improve sustainability efforts by developing targets, metrics and strategies, and serve as a successful proof of concept for cities it serves in achieving stated sustainability program goals.

The objectives of the Sustainability Council are as follows:

- > To increase awareness of multi-benefit sustainability-related leading industry practices and best practices for inclusion in all public discussions and decision-making processes
- > To advise in the development of Metro’s sustainability goals, establish targets and performance measures, align with regional greenhouse gas reduction targets (SB375) and other relevant air pollution targets, and assist in the tracking and reporting on a quarterly basis
- > To increase involvement of local small business and inform the larger public on sustainability efforts and related training
- > To improve understanding by our constituents and stakeholders of the sustainability-related efforts and opportunities at Metro

sustainability council process

A. function Metro staff shall be a member of the Council and will provide the interface between Metro and the Council. The Council provides advisory capacity to Metro staff by proposing, reviewing and evaluating Metro’s sustainability policies, objectives and goals. The Council shall review, comment upon and make recommendations on sustainability-related recommendations and issues transmitted by Metro staff to the Council. This information may relate to implementation plans, decision tools, metrics and targets, on matters such as policies, funding, operation, construction and maintenance of streets and freeways, bus and rail transit, transportation demand and system management, air quality improvements, energy and water management, recycling and waste management, land-use and development, public spaces creation, social justice and economic development, public engagement and community sustainability, education, environmental awareness campaigns, and promotion of health and wellness via active transportation. The Council shall review, comment upon and make recommendations on such matters as referred to by Metro staff, as well as self-initiated by the Council, such as:

- > Implementation plans
- > Tools
- > Guidelines and specifications
- > Metrics and targets
- > Partnerships or collaboration with relevant transit and other agencies

b. Membership The Council is to be composed of 30 members selected through an open nominations process at the Council initial meeting(s). Council members shall be representatives from each of the following sectors below and must be working on sustainability related scope in support of transportation projects, programs and/or policies¹:

1. Three (3) Local Government members representing, one each, the County of Los Angeles, City of Los Angeles, and smaller cities/other jurisdictions;

2. Seven (7) members representing environmental non-government organizations (NGOs) with a focus on water resources, water quality, air quality (including the urban heat island effect), energy, habitat and natural resources, climate, and material and resources;
3. One (1) member representing NGOs with a focus on social justice, environmental justice and equity;
4. Two (2) professional associations (Architects/Engineers) who represent expertise on the implementation of sustainable solutions;
5. One (1) member representing landscape and infrastructure design;
6. One (1) member representing local labor unions (non-Metro);
7. One (1) member representing public health;
8. One (1) member representing Metro Technical Advisory Committee (TAC);
9. One (1) member representing Metro Transportation Business Advisory Council (TBAC);
10. One (1) member representing the Associated General Contractors (AGC);
11. Two (2) members representing the green building and services industry;
12. One (1) member representing the real estate development community;
13. One (1) academic institution representing research and innovation;
14. One (1) foreign organization representing ideas from foreign entities that would be useful for the interests of this group;
15. Three (3) ex-officio Metro staff whose work and responsibilities pertain to the interests and issues of the Council; and
16. Three (3) reserved seats for future memberships as dictated by these by-laws, voted on and approved by a majority of Council members.

c. council Member selection Council members are nominated by stakeholders they represent (self-nomination is acceptable) and are required to submit applications to the Nominating Evaluation Committee (NEC) for evaluation and recommendation. The NEC shall consist of three representatives; one each from Metro, NGOs and the business community, who are not nominated.

d. Applications shall consist of a Nomination Form, a resume or curriculum vitae of the individual being nominated and endorsements from the stakeholders in each of the represented sectors.

In the event that multiple nominations are received from a specific sector, the NEC will closely match qualifications to the position on the Council. The selected sector representatives will receive notice from Metro staff of their selection to the Council.

e. Voting protocol A minimum number of voting members (quorum) must be present at a properly called meeting in order to conduct Council business. The quorum shall be equal to half of currently filled seats. The Council shall approve properly called questions (motions) based on simple majority (not plurality) of the votes cast, assuming a quorum is present.

Council Chair – The Council Chairperson will facilitate all meetings and advance all items of the agenda for consensus or decision. The Council Chair will also work with the various Subcommittee Chairs for the conduct of their activities, including reporting back to the full Council on progress.

The executive committee shall be comprised of the Chair and two Vice Chair positions.

For this first year (12-month period), the Chair will be a Metro staff person. The Vice Chair and Co-Vice Chair positions will be elected by and from members of this Council.

All of these positions will be elected from amongst primary Council members every year by Council members; and getting elected in one of the positions does not guarantee that the Vice Chair will be the Chair automatically the following year.

f. Member term Council members shall serve one (1) term of two years. At the end of a term, if the alternate member is in good standing, the alternate member shall be given notice that the seat is open and given the opportunity to be re-appointed as the primary member. Should the alternate member decline, the primary member may be re-appointed. All appointments to the Council shall be made in writing to the Council Chair by the represented stakeholder group, subject to ratification by two-thirds of the Council members.

¹Consultants and individuals who are holding contracts with Metro, and/or those who bid on Metro solicitations, or are planning to bid on Metro solicitations that have elements pertaining to matters that the Council discusses and on which it makes decisions, and/or those that have financial interest in the recommendations of the Council and its Subcommittees, will not be conflicted from proposing on future work at Metro since the Council is not a decision making authority.

SUSTAINABILITY COUNCIL MEMBERSHIP LIST

YEAR: 2019-20

As of March 9, 2020

		Department	Email
Metro Staff	---	Cris Liban	ECSD LibanE@metro.net
		Heather Repenning	ECSD RepenningH@metro.net
		Aaron Santos	CEO SantosAa@metro.net
		Paul Backstrom	Planning BackstromP@metro.net
		Debra Avila	Vendor/CM AvilaD@metro.net
		Carolina Coppolo	Vendor/CM CoppoloC@metro.net
		Robin Blair	Operations BlairR@metro.net

Main Category	No. Seats	Sub-Category	Classification	Member First Name	Member Last Name	Member Organization	Member Email	Member Phone	Notes	
Local Gov't Public entities (COGs, cities, special jurisdictions)	3	City of Los Angeles	Primary	Lauren	Faber	City of LA	lauren.faber@lacity.org			
			Alternate	Michael	Samulon	City of LA	michael.samulon@lacity.org			
		County of Los Angeles	Primary	Kristen	Torres-Pawling	County of LA	kpawling@ceo.lacounty.gov			
			Alternate	Rita	Kampalath	County of LA	RKampalath@ceo.lacounty.gov			
		Other (Small Cities, etc.)	Primary	Thomas	Small	Small Cities	Thomas.small@culvercity.org	310-922-7286		
			Alternate	Wendy	Nystrom	Small Cities	nystromwendy@gmail.com	617-686-8662		
Environmental NGOs	7	Water Resources	Primary	VACANT					Formerly Caryn Mandelbaum, application received from Kitty	
			Alternate	Roy	Thun	SuRF	roy.thun@GHD.com	805-501-3956		
		Water Quality	Primary	VACANT						Formerly Bruce Reznik - LA Waterkeeper
			Alternate	VACANT						Formerly Yareli Sanchez - Watershed Health
		Energy	Primary	VACANT						Formerly Michael Kadish - GRID Alternatives
			Alternate	VACANT						Formerly Michael Swords - LACI
		Habitat /Natural Resources	Primary	VACANT						Formerly Miguel Ramos - The Nature Conservancy
			Alternate	VACANT						Formerly Belinda Faustinos - Nature for All
		Climate	Primary	David	Diaz	Active SGV	david@activesgv.org	626-602-5064		
			Alternate	VACANT						Formerly Cindy Montanez - Tree People
		Materials and Resources	Primary	Bryn	Lindblad	Climate Resolve	blindblad@climateresolve.org	310-227-0184		
			Alternate	Peter	Meng	CEENGR	peterm@ceengr.com			
Air Quality	Primary	Joel	Levin	Plug-In America	jlevin@pluginamerica.org	213-935-1364				
	Alternate	VACANT								
NGO Equity	1	Social, Environment Injustice (Equity)	Primary	VACANT					Formerly John Harriel - Morrow-Meadows	
			Alternate	VACANT						
Professional Associations (Architects and Engineers)	2		Primary	Ghina	Yamout	Alta Environmental	ghina.yamout@altaenviron.com	850-980-2078		
			Alternate	Joe	Ablay	ICI Engineering	joe.ablay@CIengineers.com	909-967-0236		
			Primary	Patricia	Menjivar	Kleinfelder	pmenjivar@kleinfelder.com	(213) 610-0817		
			Alternate	Kimberly	Colbert	Colbert Group	kimberly@colbertgroup.com			
Landscaping and Infrastructure Design	1		Primary	Doug	Dietrich	Burns and McDonnell	ddietrich@burnsmcd.com	913-325-3632		
			Alternate	Charles	Favors	CBF XIERSCAPE DESIGNS	cbf.favors@gmail.com	323-570-6261		
Local Labor Unions	1		Primary	Jennifer	Kropke	IBEW	jkropke@ibew11.org	626-658-6447		
			Alternate	VACANT					Formerly Carolyn Hull- LA County Economic Dev Corp	
Public Health	1		Primary	VACANT					Formerly Elizabeth Rhoades - LA County Dept of Public Health	
			Alternate	VACANT					Formerly Jack Sahl - Jack Sahl and Associates	
Technical Advisory Committee (TAC)	1		Primary	VACANT					Formerly Mike Bagheri - City of Pasadena	
			Alternate	VACANT					Formerly Mark Hunter	
Transportation Business Advisory Council (TBAC)	1		Primary	Berwyn	Salazar	Global ASR	berwyn@globalasr.com			
Associated General Contractors (AGC)	1		Alternate	James	Okazaki	TBAC - AA/AEA	jokazaki@sbcglobal.net			
			Primary	Emily	Freund	Flatiron Construction	efreund@flatironcorp.com			
			Alternate	Mark	Kempton	Kempton Strategies	mark@kemptonstrategies.com	408-431-7789		

Green Building and Services Industry	2		Primary	Salem	Afeworki	Value Sustainability	safeworki@valuesustainability.co	510-701-7056		
			Alternate	Pavitra	Rammohan	Deep Root Green Infrastructure	pavitra@deeproot.com	323-708-0360		
			Primary	Kat	Janowicz	3COTECH	kat@3cotech.com	714-478-4434		
Real Estate Development Community	1		Alternate	VACANT					Formerly John Williams - Impact Infrastructure	
			Primary	VACANT						Formerly Anthony Brower - Gensler
Academic Institution	1		Alternate	VACANT					Formerly Will Wright - AIA Los Angeles	
			Primary	Hilda	Blanco	USC	hblanco@price.usc.edu			
Foreign Organization	1	Foreign Entities	Alternate	Mehran	Mazari	Cal State LA	mmazari2@calstatela.edu	323-332-1823		
			Primary	VACANT						Formerly Stephen Cheung - President World Trade Ctr
Future Memberships Voted by SAC	3		Alternate	VACANT					No applications received. Former Member: Aki Luukkainen.	
			Primary							
			Alternate							
			Primary							
			Alternate							
Metro Executive Staff	3	LA Metro (ex-officio members)	---	Nadine	Lee	CEO	leen@metro.net			
			---	Rick	Clarke	Program Management	clarker@metro.net			
			---	Bryan	Pennington	Program Management	penningtonb@metro.net			
Total	30									

VACANT SEATS

21

THERE'S A MOVEMENT IN LA.

We want you
to join us.

The mission of Metro's Sustainability Council is to provide strategic advice on targets, metrics and strategies that will assist Metro in achieving stated sustainability program goals.

Open positions are available in the following categories:

- > Water Resources
- > Water Quality
- > Energy
- > Habitat and Natural Resources
- > Climate
- > Air Quality
- > Social, Environment Injustice (Equity)
- > Local Labor Unions
- > Public Health
- > Technical Advisory Committee
- > Green Building & Services Industry
- > Real Estate Development
- > Foreign Entities

APPLY HERE: metro.net/mscnomination

To learn more, visit our website: metro.net/projects/sustainability-council/



Metro



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