

SUSTAINABILITY

Policy Paper PAC Outline

DRAFT

I. Overview

Metro is committed to creating a sustainable region and future for the more than 9.6 million people who live and work in Los Angeles County. Our commitment towards a better environment begins with public transit. But we go well beyond buses and trains, with local bike and pedestrian improvements, and innovative solutions in alternative fuels, emissions controls, countywide planning, and more. Metro also plays in meeting the State's GHG reduction mandates by encouraging a link between transportation improvements and land use planning.

II. Existing Metro Plans, Policies, Programs, and Guidelines

- a. What does Metro currently have in place?
 1. Metro Energy and Resource Report, 2017
 2. Countywide Sustainability Annual Report, 2017
 3. Resiliency Indicator Framework Report, 2015
 4. Complete Streets Policy, 2014
 5. First Last Mile Strategic Plan, 2014
 6. Sustainable Rail Plan, 2013
 7. Climate Action & Adaptation Plan, 2012
 8. Countywide Sustainability Policy & Implementation Plan, 2012
 9. Energy Conservation & Management Plan, 2011
 10. Green Construction Policy, 2011
 11. Renewable Energy Policy, 2011
 12. Water Action Plan, 2010
 13. Environmental Policy, 2009
 14. Water Use and Conservation Policy, 2009
 15. Metro Sustainability Implementation Plan (MSIP), 2008
 16. Energy & Sustainability Policy, 2007
 17. Construction and Demolition Debris Recycling & Reuse Policy, 2007
- b. What is Metro doing now?
 1. Urban Greening Implementation Action Plan
 2. EV Readiness Plan
 3. Active Transportation Strategic Plan
 4. Strategic Plan for Metro's Transition to Zero Emission Buses
 5. Growing a Greener Workforce
 - Envision program
 - G-Pro certification

III. Questions

- a. How should Metro view sustainability in regards to both agency goals and countywide goals?
- b. What investment decisions should Metro adopt to achieve the greatest sustainability outcomes?
- c. How can Metro adapt to shifts in technology to lead the way towards a sustainable future?

INNOVATIONS, TRENDS, & DISRUPTORS

Policy Paper Outline

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I. Overview

Metro has set a goal to be the most innovative transportation agency in the country, ensuring that we are using every tool at our disposal to help improve mobility in LA County. Metro has the opportunity to revolutionize our transportation system to adapt to trends, lead in innovation, and address any disruptors along the way. In 2015 Metro CEO Philip Washington recognized the need to establish the Office of Extraordinary Innovation (OEI) that is tasked with redefining what Metro should be and address some of the toughest mobility challenges in America. Metro strives to incorporate best practices in innovation to help build a transportation system that is not only the core of Los Angeles County but also one that is recognized nationwide.

II. Existing Metro Plans, Policies, Programs, and Guidelines

- a. What does Metro currently have in place?
 - Office of Extraordinary Innovation
 - i. Unsolicited Proposals
 - ii. Public Private Partnerships (P3) Program
 - iii. Internal Consulting
- b. What is Metro doing now?
 - Strategic Plan
 - MicroTransit Pilot Project
 - Mobility on Demand

III. Questions

- a. How can innovation be embedded into Metro's vision of becoming the nation's leading transportation agency?
- b. How will the LRTP anticipate the role and scope of Autonomous Vehicles and other transportation technological innovations in the future of mobility in LA County?
- c. How can Metro forecast and develop policies and programs to address impacts from future innovations and disruptors?

ACTIVE TRANSPORTATION

Policy Paper Outline

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1. Overview

Active Transportation refers to any non-motorized mode of travel, including walking, bicycling, skating or scootering. The purpose of Active Transportation is to encourage increased use of active modes of travel via increase the proportion of trips accomplished by biking and walking, increasing safety and mobility for non-motorized users, enhancing public health, reducing greenhouse gas emissions, and providing a broad spectrum of projects to benefit many types of active transportation users. In order to establish better planning tools to integrate active transportation with local and regional partner organizations, Metro developed several active transportation plans including the Active Transportation Strategic Plan, Bicycle Transportation Strategic Plan, Complete Street Policy, and First/Last Mile Strategic Plan. Together, these plans identify immediate and strategic ways to increase walking and bicycle use, provide funding for active transportation programs and projects, and recommend long-term countywide active transportation planning efforts.

2. Best Practices

- a. Active Transportation Strategic Plan, 2016
- b. Bicycle Transportation Strategic Plan, 2005
- c. Complete Streets Policy, 2014
- d. First Last Mile Strategic Plan, 2014

3. Questions

- a. What is Metro's role in promoting increased active transportation?
- b. What is the community's role in the development and implementation of active transportation projects?
- c. How might autonomous vehicles affect the active transportation landscape?

HIGHWAYS, ROADS AND PARKING

Policy Paper Outline

DRAFT

IV. Overview

- a. There are 915 miles of freeways and highways and almost 8 million vehicles in Los Angeles County today. Congestion on LA County freeways and roads impacts both auto and bus transit trips as well as the regions movement of goods. Roughly 85% of all daily trips in Los Angeles County are auto trips. Approximately 80% of all transit trips in Los Angeles County are bus trips which also utilize the regional and local highway and roadway network. According to September 2017 INRIX Research, which measures the impact of congestion in the United States, drivers in Los Angeles faced the greatest congestion impacts from hotspots compared to other major cities across America. These hotspots summed to an Impact Factor of 11.7 million person hours of delay, estimating to cost Los Angeles drivers more than \$90 billion over the next ten years.

V. Existing Metro Plans, Policies, Programs, and Guidelines

- a. What does Metro currently have in place?
 - i. Complete Streets Policy
 - i. Countywide Significant Arterial Network
 - ii. Metro Express Lanes Strategic Plan
 - iii. HOV Performance Program Evaluation Plan
 - iv. Transportation System Management
 - v. Los Angeles County Service Authority for Freeway Emergencies
 - vi. Transit Parking Guidelines

VI. Questions

- a. Is Vehicle Miles Traveled (VMT) the most appropriate performance metric to analyze the impacts of Highway projects?
- b. How will the expansion of the Express Lanes network impact regional mobility?
- c. How will Metro prioritize congestion and delay reduction in funding future Highway projects?
- d. What polices need to be implemented to ensure Autonomous Vehicles do not lead to dramatically increased VMT, congestion and environmental impacts?