



METRANS on the Move: **our weekly newsletter written and produced by students**



In the News

The articles in this newsletter are prepared or accomplished by others in their personal capacity. The opinions expressed are the author's own and do not necessarily reflect the views of METRANS or its partners.



State of California Set to Give \$1000 for Going Car-less

The California State Legislature passed a bill on Wednesday that would make qualifying state residents eligible for a \$1,000 tax credit if they do not own a private vehicle. If signed by Governor Gavin Newsom, the legislation would take effect in the 2023 tax year.

Read more [here](#).



SGV Bus Agencies Struggle To Restore Pre-Pandemic Ridership

Transit agencies nationwide have lost ridership during the pandemic. There were big losses in early 2020, and a struggle, still ongoing, to restore that lost ridership. Streetsblog checked in with local bus service providers in the San Gabriel Valley to see how they've rebounded in the last two-and-a-half years. We received data from Foothill Transit, Pasadena Transit, El Monte Transit, and Alhambra Community Transit.

Read the StreetsBlog LA feature [here](#).



Micromobility equity goals are common, but follow-through is lacking: study

Micromobility industry leaders and city operators have access to federally backed guidance that outlines how they can make bike and e-scooter sharing programs more available to people from underserved communities, with lower income, or who have physical mobility issues.

Read the SMARTCITIESDIVE feature [here](#).



How Japan Won its 'Traffic War'

In mid-August, the National Highway Traffic Safety Administration announced that the surge in American traffic deaths is continuing: An estimated 9,560 people died on US roadways in the first quarter of 2022, 7% more than a year ago and the highest first quarter total in two decades.

Read the Bloomberg CityLab feature [here](#).

Webinars & Online Events

Freight Video Challenge

Monday, August 15th 5:00 pm - Wednesday, August 31st 11:55 pm, hosted by Center for International Trade and Transportation at CSU Long Beach

The Center for International Trade and Transportation at CSU Long Beach is working with the Southern California Association of Governments (SCAG) on the workforce development piece of a regional freight impact assessment study. One of the tasks is a social media challenge where you can share your vision for how the goods movement industry could benefit and/or challenge your communities! We're looking for videos of no more than 40 seconds in length, filmed on a phone, and easily shared via a [submission form](#) linked below.

[More Info](#)

Rotary's Environmental Summit on Green Transportation & Clean Energy

Saturday, September 10th at 8:00 am PDT (in-person), hosted by Rotary

Rotary is uniquely placed to empower local communities around the world to implement climate solutions. Participants will hear from our keynote presenters and panelists, who will be discussing informative topics and call-to-action steps on:

- Present and future green transportation
- Clean energy solutions
- Developing healthy and sustainable communities
- Climate crisis mitigation
- Policy, technology, practice, and equity

There will also be refreshments, exhibits, and guided tours available.

Keynote Presenters:

- Nancy Pelosi, Speaker of the House of U.S. Representative
- Nuria Fernandez, Federal Transit Administrator, U.S. Department of Transportation

[More Info](#)

METRANS Event: Port of Long Beach Harbor Tour 2022

Tuesday, September 13th at 1:00 pm PDT (in-person), hosted by METRANS

The tour is open on a first-come, first-serve basis to students affiliated with the Pacific Southwest Region UTC. The boat will depart from Dock #2, near the Aquarium of the Pacific, in Downtown Long Beach. Please download and see [attached map here](#).

[More Info](#)

Webinar: Creating a More Equitable Transportation System Through Mobility on Demand (MOD)

Wednesday, September 14th at 10:30 am PDT/1:30 pm EDT, hosted by University Transportation Centers

In this session you will hear from thought leaders about how new and transformative MOD trends are changing the landscape of transportation options available and helping to create a more equitable system for all users. In addition, Industry professionals will share their personal experiences working with cutting-edge technologies that are being developed and deployed to improve the safety and efficiency of the transportation system, highlight their challenges and successes in the field, and discuss how to prepare for entering the transportation workforce.

[More Info](#)

The 34th ICTPA Annual Conference - Autonomous and Electric Vehicles: Shaping the Future Transportation Sector and ITS Applications

Thursday, September 15th & Friday, September 16th (online), hosted by ICTPA

[More Info](#)

Beyond Crypto: Blockchain for Urban Development

Thursday, September 15th at 12:00 pm PDT (online), hosted by MTI

Nonprofits in Oakland are planting trees to help with carbon sequestration to address climate change with the help of blockchain technology—a system in which a record of transactions are maintained across several computers linked in a peer-to-peer network. Blockchain provides an effective mechanism to codify process steps, enables any qualified individual or entity to easily participate in the delivery of those services, removes the need for single entity contracts, and also effectively tracks execution of those services. The process of selecting trees, getting permits to plant those trees in the right spot, planting the trees, and verification of proper planting all happen on the blockchain, and because activity is broken down and managed at discrete transaction level, anyone can participate in the effort as long as they follow the rules set out in the blockchain. This expert research investigates and develops specifications for using blockchain and distributed organizations to enable decentralized delivery and finance of urban infrastructure and the potentials of blockchain to empower everyone to improve transportation systems and their communities. Webinar will end with Q&A.

[More Info](#)

Transport and the Triple Bottom Line Summit 2022: Transit Lessons Learned from the Pandemic

Friday, September 23rd at 10:00 am PDT (online), hosted by MTI

The Transport and the Triple Bottom Line Summit seeks to explore the concept of 'sustainable transport,' leaving attendees with a fuller understanding, and most importantly, a definition for the term. Panelists and

speakers include an array of national experts, practitioners, and scholars on social equity and transport, the environmental impact of transport, financial mechanisms for secure and continuous operations, as well as, decision-makers currently involved in California's notable public-private partnerships.

[More Info](#)

Electric & Shared Mobility Panel

Thursday, September 29th at 12:00 pm PDT (online), hosted by Urban Movement Labs

We can't end car dependency without building multimodal systems. The re-revolution also includes alternatives such as e-bikes, e-transit, and e-scooters, which can help us build shared-electric cities.

[More Info](#)

WTS Ports of Long Beach and Los Angeles Boat Tour

Thursday, September 29th at 5:00 pm PDT (in-person), hosted by WTS

Join WTS-LA, Port of Los Angeles, and Port of Long Beach in networking with the WTS-LA Directors at Large and other prominent industry leaders during an evening boat cruise through the ports. Cash bar and complimentary hors d'oeuvres available. A cash-based raffle will be available for prizes!! Cash bar sponsorships are available for small businesses. Please contact Heather Anderson at vp_programs@wtsla.org for more information.

[More Info](#)

Rail~Volution 2022 Miami

Sunday, October 30th (in-person), hosted by Rail~Volution

The Rail~Volution conference looks at the whole community built around transit and connected mobility options. Find out how peers are getting projects done – from transit to housing – with an eye to the implications for health, safety, equity, sustainability, access to opportunity and overall quality of life.

[More Info](#)

Fast Facts

Created for Students, by Students

Development of Cost-Effective Sensing Systems and Analytics (CeSSA) to Monitor Roadway Conditions and Mobility Safety

Author: Chun-Hsing Ho, Dada Zhang, Jaiwei Gao, Marco Gerosa, Bertrand Cambou
Northern Arizona University

Year: 2019

Keywords: Safety, Autonomous Systems,
Road Quality, Payment, Sensors



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