



## ***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.



#### **EPA Report: US Transportation CO2 Emissions Up 14% from 2020 to 2021**

Total U.S. greenhouse gas emissions rose nearly 7% from 2020 to 2021 as economic activity bounced back following the start of the COVID-19 pandemic, the U.S. Environmental Protection Agency said Wednesday, with transportation emissions accounting for the largest portion of total GHG emissions in 2021.

Read the **SMARTCITIES DIVE** feature [here](#).



#### **Long-Term Strategies Key, Recruiting Experts Say**

The more than 600 trucking industry recruiting professionals at the Recruitment and Retention Conference were urged to keep up their recruiting efforts, even as American Trucking Associations Chief Economist Bob Costello told them a mild recession remains likely. At a panel discussion on long-term strategies, Roehl Transportation Vice President of Driver Employment Tim Norlin told attendees his Cumberland, Pa.-based carrier considered cutting its recruiting budget early into the pandemic.

Read the **Transport Topic** feature [here](#).



## White House Plans To Make Some Tesla EV Chargers Available to All

The administration hopes these new standards will help meet President Joe Biden's ambitious plan of net-zero emissions by 2050. Under the plan, Biden aims to build a network of 500,000 electric vehicle chargers along major highways. It's part of his initiative to have EVs make up at least 50% of car sales by 2030.

Read the LAist feature [here](#).



## L.A. Metro, Measure Up! and RIITS Partner to Better Understand Travel Patterns and Help Inform Transportation Policies and Operations

The Los Angeles County Metropolitan Transportation Authority (L.A. Metro), Measure Up! and the Regional Integration of Intelligent Transportation Systems (RIITS) have partnered to collect, share and analyze transportation data to better understand travel patterns and help inform transportation policies and operations throughout the Los Angeles region.

Read the MASS TRANSIT feature [here](#).

## Webinars & Online Events

### Webinar: Principles and Case Studies of Queue Management at Railroad Grade Crossings

**Tuesday, February 28th at 11:00 am PST/ 2:00 pm EST, hosted by ITE**

This webinar is the second of a two-part series that will provide an overview of ITE's Preemption of Traffic Signals Near Railroad Grade Crossings Manual. This session will cover several queue management techniques including traffic signal coordination, pre-signals and queue cutter signals. Content will include images or various treatments along with case studies taken from real world installations. The webinar will also discuss some pavement marking and signage techniques along with MUTCD's traffic signal warrant #9.

[More Info](#)

### 2023 EDGE in Tech Symposium: Smarter Tech for a Resilient Future

**Thursday, March 2nd at 9:00 am PST (online), hosted by CITRIS and the Banatao Institute**

How can we engage diverse talent to transform the future of infrastructure to address inequality and promote smarter environments? The event will feature professionals who are pioneering new approaches to intelligent transportation networks, healthy indoor environments, aviation infrastructure and next-generation agriculture. Speakers will also discuss their career pathways to help attendees visualize themselves in high-growth sectors and rise to meet society's needs for a greener future. The symposium will also feature the EDGE in Tech Athena Awards, recognizing leaders who have championed the advancement of women and people of color in technology.

[More Info](#)

### Webinar: Student Chapter K12 Outreach Activities: Best Practices for Active Engagement

**Thursday, March 2nd at 11:00 am PST/ 2:00 pm EST, hosted by ITE**

Community and educational outreach is critical to expand and grow the transportation professional industry. K through 12 outreach and similar outreach activities in particular are important to reach young minds as they begin to make decisions about what they are interested in pursuing as a career in the future. ITE Student Chapters across the world work to do K through 12 outreach activities each year. However, there are many challenges when pursuing these activities. These challenges can come in the form of connecting with schools or other organizations for this outreach, maintaining communication amongst different involved parties, and running effective programs, amongst other challenges.

[More Info](#)

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### **Masterclass series: Vertical Transportation – Overview**

**Tuesday, March 7th at 4:00 am PST/ 12:00 pm GMT (online), hosted by CIBSE Merseyside & North Wales**

The masterclass series is aimed at equipping students and young professionals with foundational skills to help support their overall understanding of engineering and construction with their academic studies and ongoing professional development. Graham will provide an introduction to vertical transportation and the role it plays when designing, retrofitting or maintaining a building. This presentation will focus on explaining technical jargon and simple guidance for all design partners. Leaving you in a better position to understand and collaborate with the vertical transportation engineering discipline.

[More Info](#)

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### **The Role of Hydrogen in Decarbonising- A Decarbonising Transport Week event**

**Thursday, March 9th at 4:00 am PST/ 12:00 pm GMT (online), hosted by Energy Research Accelerator**

Successful launches of hydrogen trains and ships have already proven the potential of the technology in those sectors, and hydrogen trucks offer a reasonable range and fast refuelling capability that is making them increasingly attractive to hauliers. In the UK, recent trials by Cranfield University have also demonstrated that hydrogen can have a role particularly for powering light aircraft. At this online event, delivered by HyDEX and the Energy Research Accelerator as part of Decarbonising Transport Week, leading academic experts along with industry specialists including manufacturers, fleet managers, hydrogen producers and energy companies will be discussing the latest developments in hydrogen, its potential as a fuel for transport, and the important role that it can play as we move towards a decarbonised transport system.

[More Info](#)

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### **2023 PSR Annual Congress - Moving Forward: Improving Transportation in Region**

**Friday, March 17th at 11:30 am PST (in-person), hosted by Pacific Southwest Region UTC**

Established in 2016, the Pacific Southwest Region UTC conducts a multidisciplinary program of research, education, workforce development, and technology transfer aimed at improving the resiliency of transportation systems and the mobility of people and goods throughout the region. The PSR Annual Congress welcomes abstracts (max. 500 words) for the presentation of transportation research and best practices – whether funded by PSR or by other sources. Submissions are welcome from faculty, researchers, students, and practitioners.

[More Info](#)

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### **Webinar: Career Series #3 – Transportation Equity: Community-Building in Action**

**Wednesday, March 22nd at 10:00 am PST/ 1:00 pm EST, hosted by Transportation Research Board**

In these times of rapid and unprecedented change, the critical need for urgent action in advancing greater workforce diversity and development, innovation and continuous learning, and “people-readiness” at all

levels has risen to new levels. Climate change, growing inequality, increasing digitalization, new players and business models highlight the critical role of transportation careers in community-building and achieving equity-centered and sustainable outcomes. TRB will host the third webinar that will spotlight the development of policies and practices that more fully address inequities and injustices caused and contributed to by transportation. Presenters will share how cross-sector integration can improve access to goods, services, and opportunities in communities. Presenters will also discuss the importance of diverse and authentic community participation in driving more equitable policies, programs, practices, and outcomes.

[More Info](#)

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## Smart Transportation and Logistics

**Wednesday, July 5th at 12:00 am PST (online), hosted by Must High-Tech Expo**

Smart Transportation and Logistics 2023 is a livestream day organized by Must B2B Metaverse on July 05, 2023. For most companies, the transportation and logistics are key for business success and could even be a competitive advantage. Technologies such as IoT & AI in transportation and logistics industries have made almost everything automated, eradicated many challenges related to real time tracking and produced important data allowing more intelligent capabilities. In this livestream day, we will develop around the latest trends in areas such as Artificial and Augmented Intelligence, Digital Twins, advanced analytics, Autonomous Vehicles, Warehouse Robotics to name just a few. Thus, more resilient, and sustainable technology approaches will harness Transportation & Logistics sector and their eco-system in the coming years.

[More Info](#)

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## IAME Conference 2023

**Tuesday, September 5th - 8th (in-person), hosted by METRANS**

Join us at IAME 2023, the International Association of Maritime Economist Conference, to explore and learn about what is next for maritime. The conference will be hosted in Long Beach, California.

[More Info](#)

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## *Fast Facts*

*Created for Students, by Students*

### **Making Bicycling Equitable: Lessons from Sociocultural Research (White Paper)**

**Authors:** Sarah Reboloso McCullough, Adonia Lugo, Rebecca van Stokkum

**Year:** 2018

**Keywords:** Public transit, land use, and urban mobility, transportation planning, policy, and finance



Check this week's featured Fast Facts [here](#).  
Looking for more Fast Facts? Check out the Fast Facts Page on [metrans.org](https://metrans.org)!

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## *Pathways to Opportunity*

### **Administrative Intern (Transit)**

**City of Culver City**

Apply by 03/03/23

[see more info](#)

### **College Intern- Project Controls**

**Orange County Transportation Authority**

Apply ASAP

[see more info](#)

[More Internships and Scholarships Here](#)

### **Associate Planner**

**City of Benicia**

Apply ASAP

[see more info](#)

### **Transportation Planner**

**Kimley Horn**

Apply ASAP

[see more info](#)

[More Job Opportunities Here](#)

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