



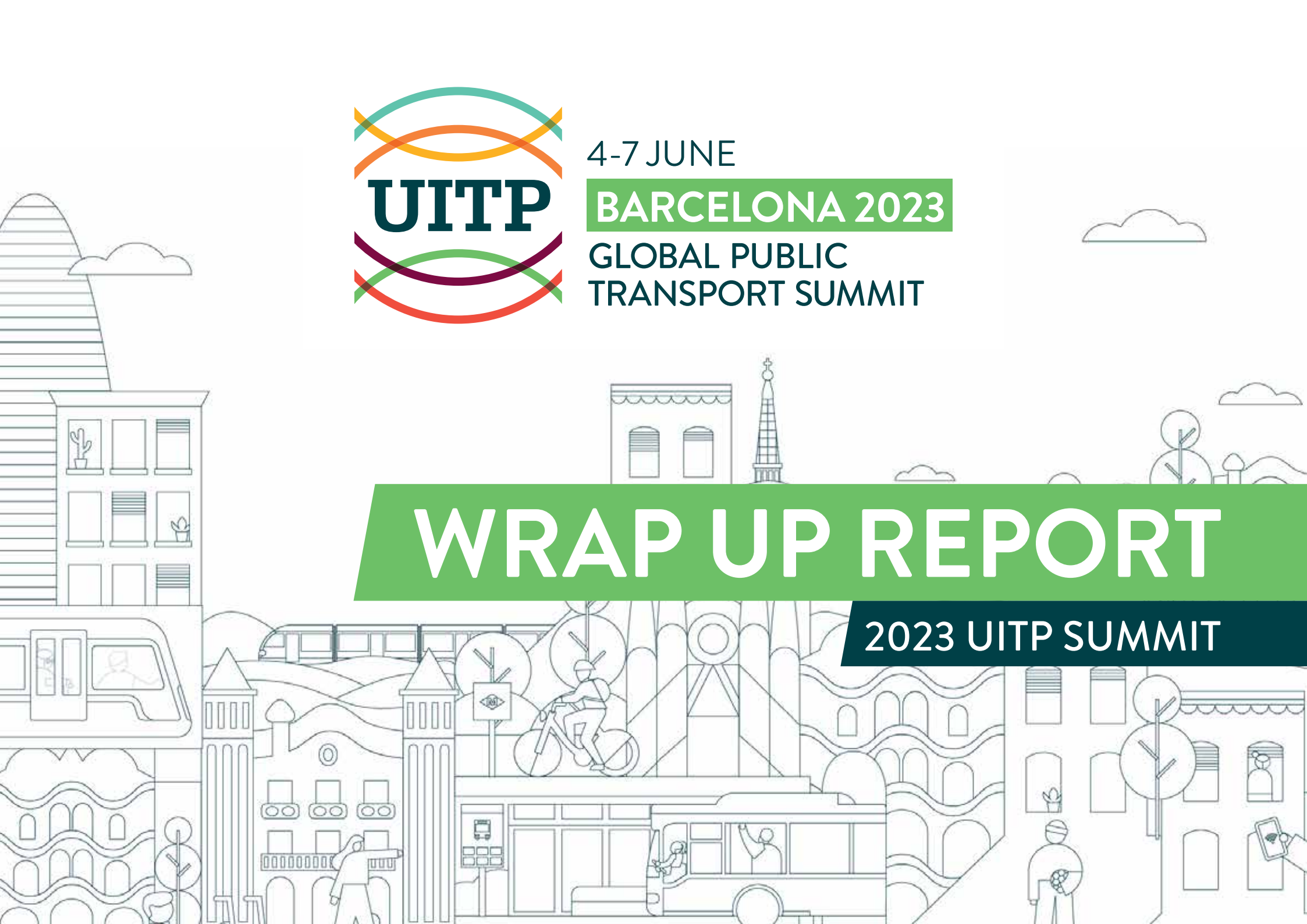
4-7 JUNE

BARCELONA 2023

GLOBAL PUBLIC
TRANSPORT SUMMIT

WRAP UP REPORT

2023 UITP SUMMIT





WHAT WE LEARN

THE UITP SUMMIT – THE PLACE TO BE FOR THE GLOBAL PUBLIC TRANSPORT COMMUNITY

FOUR DAYS OF INNOVATION, NETWORKING AND KNOWLEDGE

The UITP Global Public Transport Summit is the world's gathering place for public transport professionals to share ideas, innovate and make meaningful connections. From 4 to 7 June 2023, its 64th edition landed in Barcelona, Spain.

Walking onto the exhibition floor of the UITP Summit, the first thing you see is a state of the art metro ready to run on Barcelona's network. Continuing through the

halls, each several football fields in size, you are met with innovations in ticketing, maintenance, security and accessibility. All this is flanked by a row of more than a dozen busses ready to run on streets from South Africa to Canada.

Passing the startup zone and poster sessions, brings you to the congress hall. CEOs, experts, mayors and ministers discuss the most pressing topics of public transport and urban mobility. The rooms they are in carry names from Sunrise Station to Starlight and Moonlight, reflecting the theme of the UITP Summit: Bright Light of the City.

Public transport is the 'Bright light of the city'. It gives passengers the freedom to discover the city, to commute, meet friends and family, or navigate wherever you need to go.



*“What do you notice when you ride a new public transport line? You see **a city from a new angle**. You have access to job opportunities. You can meet your friends and family. Public transport opens up **new sights, horizons and new purposes**. It's the access that public transport gives us, that allows citizens to shine.”*

Mohamed Mezghani, UITP Secretary General*

FACTS & FIGURES



87
Sessions



with **423**
Speakers

337
Exhibitors

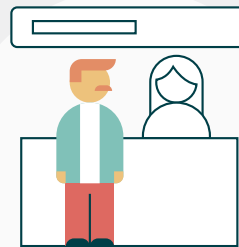


from

41
Countries



17,300
Exhibition visits



2,700
Congress Attendees



250
Journalists



PUBLIC TRANSPORT: THE INTERSECTION OF SUSTAINABILITY

In her opening words, Barcelona Mayor **Ada Colau Ballano** emphasised how public transport is truly essential. “If we want to leave a future for our children, if we want to live in healthy places, we have to focus on public transport.”

During the opening ceremony Catalan Minister of Territory **Juli Fernández** and Spanish Minister of Transport, Mobility and Urban Agenda **Raquel Sánchez Himénez** also took to the stage. Raquel Sánchez Himénez: “Barcelona is a bright city with an innovative mobility system focussed on innovation and people”.

World renowned Professor **Mariana Mazzucato** took to the stage as our keynote speaker. She is professor of economics at University College London, director of the Institute for Innovation and Public Purpose and author of several books. Her advice to policy makers around the world on innovation-led inclusive and sustainable growth, has led her to become one of the most sought-after speakers across the globe.

“Public transport is at the intersection of sustainability. I am inspired by mayors that put the goal at the centre, that try to design the city and the economic system to deliver on it.”

Outgoing UITP President and general manager of Saudi Arabia Public Transport Company **Khalid ALHOGAIL** added how he sees Barcelona as “one of the best cities in the world for sustainable public transport and urban space. The world needs more public transport, together with walking, cycling and shared mobility.”



“If we want to leave a future for our children, if we want to live in healthy places, we have to focus on public transport.”

Ada Colau Ballano, Barcelona Mayor



DEVELOPING PUBLIC TRANSPORT FOR BRIGHT CITIES

The Cities programme track looked at Next Generation Cities, Transitioning to Net Zero and Innovative and Resilient Operations. Our cities need to decarbonise, while the public transport sector should innovate to become climate resilient and create liveable and sustainable urban environments.

Globally the public transport and urban mobility sectors are experiencing significant investments. As people continue to flock to cities, the demand for mobility is on the rise. At the same time increased support for sustainable mobility solutions offers opportunities to drive financing to public transport.



FUNDING OPERATIONS AND GROWING CAPACITY

With this growth the public transport sector needs to adapt its business model to cover increasing operational costs. In part, this results from building new infrastructure and an increasing cost of labour, and also from international instability and the volatility of energy prices. The drive to decarbonise also means significant upgrades in vehicle fleets and in retrofitting existing infrastructure.

Nicolas Peltier of the World Bank emphasised that public-private partnerships (PPPs) make the huge investments needed for the energy transition possible. Building solar and wind farms, waste to energy facilities or hydro-electric installations are just some of the examples. “The energy transition goes hand-in-hand with electrification of vehicles. There is no time to waste.”

This follows our keynote Mariana Mazzucato words of caution on PPPs, reminded by Flavio Chevis, Vice-Chair of UITP’s Transport Economics Committee, which can only be beneficial if they are built within a symbiotic ecosystem of partners.

And the public transport sector is decarbonising rapidly. Transports Metropolitans de Barcelona (TMB) for example, already moves more than 20 million people per year on fully green vehicles. Between 2024 and 2030 they aim to increase the share of zero-emission busses from 27% to 70%.

In India meanwhile, the Delhi Metro Rail Company (DMRC) covers 35% of its energy consumption with its own renewable energy production, a figure that should rise to 50% by 2030.



“We need open solutions.”

Michael Peter, Chief Executive Officer (CEO),
Siemens Mobility GmbH



INNOVATING FOR ACCESSIBILITY AND SERVICE

With the rapid advancements in technology and the increasing demand for sustainable transportation solutions, the public transport sector has a unique opportunity to drive innovation and transform cities with urban mobility. By embracing digital technologies and integrating them into existing infrastructure, cities can optimise their public transport systems, enhance operational efficiency, and improve the overall passenger experience.

Especially automated mobility, artificial intelligence and machine learning can improve how people move through cities. They can make public transport more accessible, enable true door-to-door mobility solutions and even create a more resilient transport system.

But for this, the entire sector needs to innovate together. “We need to move away from proprietary hardware”, says Siemens Mobility CEO Michael Peter. “We need to build open systems, interfaces and passenger services.”

EXTREME HEAT AND FLOODING; ADAPTING TO CHANGE

A relatively new topic that received plenty of attention at the Summit was climate adaptation. Yes, public transport is part of the solution to halt global warming. But to continue providing its services it will have to adapt to rising temperatures and more extreme weather events.

Flash floods, super floods, extreme heat; Resilience and preparation are key in combatting these challenges. Richard Davey, President of New York’s Metropolitan Transportation Authority (MTA), shared how his city responded to extreme weather: “Where does water go? Right into our stations. 10 years ago, Hurricane Sandy flooded our subway tunnels. We are spending dollars to harden our assets so this doesn’t happen again.”

But simple solutions can already go a long way: from painting surfaces white to reflect heat to planting more trees for shade. Marie-Claude Léonard, CEO of the Société de Transport de Montréal added the culture among staff to that list. “They need to be empowered to take action. During recent ice storms and road closures, our agile staff adapted services to make sure they continued running.”

Keolis Chairwoman and Group CEO Marie-Ange Debon noted that the sector has a responsibility to continue providing essential mobility to all of society at all times. “At the end of the day”, she says, “we know low-income people are more exposed to the energy crisis and climate change. Moving to net-zero supports them most.”

*“Where does water go?
Into our metro stations.”*

Richard Davey, President / New York City
Transit MTA - New York City Transit



“We cannot afford a degradation of public services at a time of crisis”, notes Karima Delli, Chair of the Transport and Tourism Committee of the European Parliament. “If it is too expensive to use a private car, public transport must provide. Governments must do anything they can to increase the use of public transport!”

A DIAMOND IN THE EMERGING WORLD

For the first time, an entire morning of the UITP Summit was dedicated to informal transport. And with good reason. In the Global South, as much as 80% of land transport is provided through informal systems.

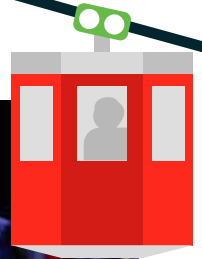
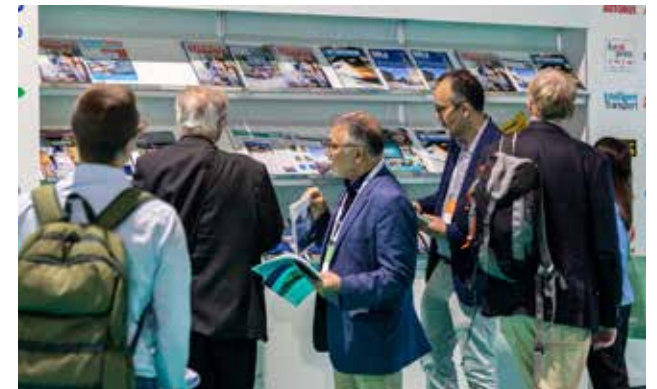
Informal transport comes with its challenges, such as fierce competition and allegations of sexual harassment and criminality. But Benjamin de la Peña, notes the sector shouldn't be treated as a problem, arguing that “they move people”. He is the CEO of the Shared-Use Mobility Center and Chair of the Global Network for Popular Transportation.

“We cannot ignore them, but we can't continue to do business in the way we do today”, says Abimbola Akinajo, Managing Director, Lagos Metropolitan Area Transport Authority during the session ‘Informal Transport: An Unpolished Diamond in the Emerging World’. “They are some of the best operators we have thanks to their wealth of experience. You have to bring them to the table.”



“Informal transport operators are some of the best operators we have.”

Abimbola Akinajo, Managing Director, Lagos Metropolitan Area Transport Authority



SHINING THE LIGHT OF PUBLIC TRANSPORT ON PEOPLE

The People programme track explored how public transport can make our lives better, both for customers and employees. More than ever, public transport has to improve its services to provide essential mobility to all, regardless of gender, origin, and accessibility needs.

At the same time innovation and a changing mindset help the sector become more customer centric. Not only do new technologies allow for more personalisation than ever, accessible vehicles and stations make sure that nobody is left behind.

Solutions range from personalisation to reaching passengers in new ways. “We tell the user that the escalator they use daily is broken, and propose a different route”, one CEO remarks. He emphasises the need to show

people not the fastest, but the best route. Proposing a longer, but quieter route for people that want to work on the train, or limiting distance walked at transfers for people with reduced mobility.

In the session on inclusivity and net-zero cities, Nuria Fernandez of the United States’ Federal Transit Administration remarked how designing for the individuals that are most challenged will have a positive benefit on all users. “Anybody that is able bodied can also use our services. We think of equity in a very holistic way.”

In creating accessible networks, the stations are crucial. Kone presented the stations of the future project developed with UITP. Călin Hera, KONE Business Development Manager, Public Transport and Airports: “Like in all aspects of public transport: station design should be about moving people, not about moving vehicles.”



“We build a community, sometimes out of nothing.”

Adi Lau, President of Global Operations Standards Institute, MTR Corporation





LEAVING NO ONE BEHIND

A lack of transport access can raise the levels of social exclusion and economic deprivation as public transport is crucial to accessing employment, education and basic services related to everyday life. The push for low emission zones and decarbonisation in cities can create additional inequalities and prevent access to centres for people on lower incomes.

Roberto Labarthe, Director at Brazilian transport operator CCR SA joined the session on ensuring inclusivity as we move to net zero cities. He expressed his belief that infrastructure projects should go beyond providing mobility. “Decarbonisation and the energy transition are important. But I am concerned about getting people out of hunger and poverty zones. I think how can our infrastructure bring these people into a just, equal society?”

In the panel session discussing the new normal, ‘New business models for the sector’, TRANSDEV CEO Thierry Mallet shared how he thinks public transport has the potential to do this in both the developed and the developing world. “The express coach lines bring the outskirts closer to the urban centre. It also serves as a significant lever for preserving purchasing power and territorial cohesion.”



“Our staff is shrinking, while our services are growing.”

Alexandra Reinagl, CEO Wiener Linien



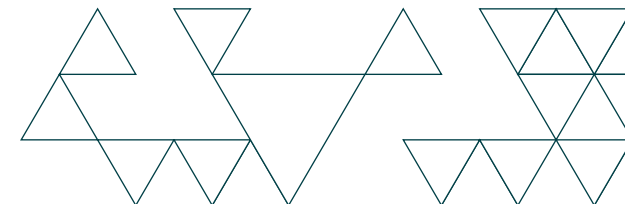
ATTRACTING STAFF TO GUARANTEE SERVICE

While the public transport sector tries to attract more passengers, it faces an unprecedented shortage of labour. Hiba Fares, CEO of RATP Dev, noted that her company alone needs to fill 6,000 open positions. That excludes another 4,000 positions needed to operate lines that are currently under development.

“Our staff is shrinking, while our services are growing”, says Alexandra Reinagl, CEO of Wiener Linien. “That

creates a problematic gap. Without our drivers and mechanics, we can forget about new vehicles, new lines and so on.”

In the US meanwhile, nearly half of the workforce is over 55. A quarter is on the edge of retirement. Dorval Carter is the chair of American Public Transportation Association (APTA) and President of Chicago Transit Authority: “Out of 100 applicants, only three end up sitting in a driver’s seat. We are increasing our starting salaries, added hiring and retention bonuses, and are looking for applicants in different places.”





“Start each day by asking yourself how to improve air quality.”

Maria Neira, World Health Organization



LOCAL JOBS AND LOCAL DEVELOPMENT

Even with the labour shortage, public transport is the biggest employer in many cities across the world. These jobs are suitable for all levels of society, from engineers and managers to mechanics, drivers and customer service representatives. At the same time, due to the diverse roles and training opportunities, public transport offers a unique opportunity for upskilling and growth.

And even beyond jobs, development brings economic benefits wherever it goes. A unique example of this is MTR’s ‘rail plus property’ model. Adi Lau is President of Global Operations Standards Institute of MTR in Singapore. He explains the approach that makes them ‘a very profitable railway operator’.

“When we build a railway we take the opportunity to build a community, sometimes out of nothing. We are very fortunate to be involved in the property development around our transit development.”

SAFER STREETS TO PROTECT ALL

Today, road traffic crashes cause almost 1.3 million deaths and 50 million injuries around the world each year. This makes it the tenth leading cause of death and costs governments up to 3% of their GDP. It is the leading killer of children and young people worldwide.

Fiona Bull of the World Health Organisation: “Road safety, public transport, walking and cycling; it is all interconnected. A better public transport system means safer mobility and decreases preventable crashes.”

In another session on ‘ensuring inclusivity as we move to net zero cities’, Transport for London Commissioner Andy Lord says that young men from more deprived areas of the city are even more likely to be injured on the roads. “We want to engage communities to achieve our target of having nobody killed on London roads.”

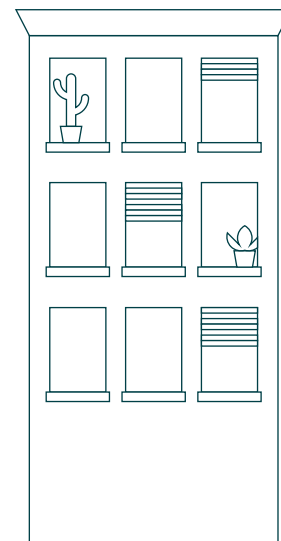
Beyond making streets safer for those riding it, safe and accessible public transport, combined with good urban planning creates a safer environment for active mobility. “We are all pedestrians at some point in our lives”, says Felipe Ramirez of the World Resources Institute. “We need to design safe streets to protect everyone.”

POLLUTION IS KILLING US

To remind us of how public transport makes our cities and our lives happier and healthier, Maria Neira of the World Health Organisation opened the final day of the UITP Summit. She shared her views on how public transport is critical to improve public health.

“Pollution is killing us. A suitable transport system is a critical part of public health. It reduces air pollution, it reduces road traffic deaths, it reduces non-communicable diseases.”

She called on ministers and mayors across the world to have two things on their desk. One is a copy of the WHO report on combating air pollution. The second and most important: a current measurement of the air quality in their cities. “Start by looking at that every day, and make policies that will help improve that number. This is the only way to make our planet, and our citizens healthier.”



BARCELONA DECLARATION

UNITING LEADERS FOR THE FUTURE OF PUBLIC TRANSPORT

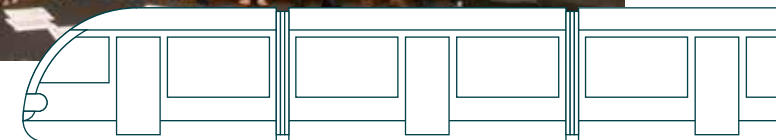
CEOs from the public transport industry worldwide joined forces at the UITP Global Public Transport Summit to demonstrate their unwavering commitment to public transport.

On Tuesday, 6 June, during the Executive Forum, an exclusive gathering reserved for the leaders of UITP Premium members, these influential figures engaged in high-level discussions on the sector's key challenges. In a powerful show of solidarity, they unanimously endorsed the UITP Barcelona Declaration, underscoring their belief in the crucial role of public transport in society.

The Declaration serves as a testament to the undeniable and indispensable role of public transport in our daily lives, benefiting everyone, everywhere. It plays an intrinsic role in facilitating movement, fostering employment, supporting cities and economies, preserving the environment, promoting good health, and much more.



Discover all the signatories on uitp.org/barcelona-declaration



THE UITP BARCELONA DECLARATION

Public transport stands for more than itself. It is an intrinsic part of our life; it supports movement, people, jobs, cities, the economy, the environment, the planet, our health, and so much more. It benefits everyone, every day, everywhere.

This is why we stand for public transport.

WE STAND FOR PEOPLE

As the public transport sector, representing all shared and collective modes of public transport, we **stand for people**, for our staff, for the persons we bring to their destinations, for everyone.

We **connect people** by linking communities, strengthening the social fabric throughout the world. At times of increasing inequality and social division, public transport can help build bridges.

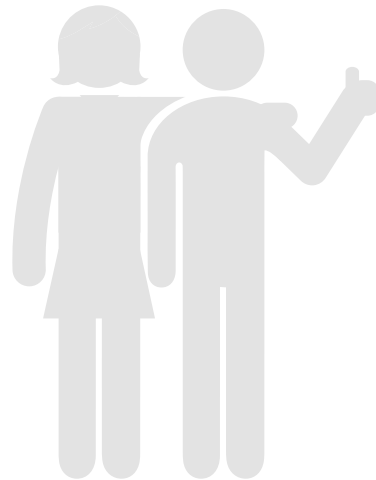
It makes **travel accessible and affordable**. It offers equal opportunities to everyone and guarantees access to essential services like schools, hospitals and work.

A good public transport infrastructure takes private cars off the road and frees up **space for people**. Investing in public transport means that there is more space for children to play outside, fights urban heat islands and **improves city life for all**.

Public transport **improves people's health**. Most journeys on public transport involve walking or cycling, triggering a more healthy and active lifestyle.

Increased use of public transport **improves air quality** and fights air pollution, which the World Health Organisation (WHO) associates with 4.2 million premature deaths per year.

With a modal shift to public transport, traffic volumes decrease resulting in **lower exposure to traffic noise**, giving you a better night's sleep and relieving hypertension. More public transport also results in a **drastic improvement of road safety**.



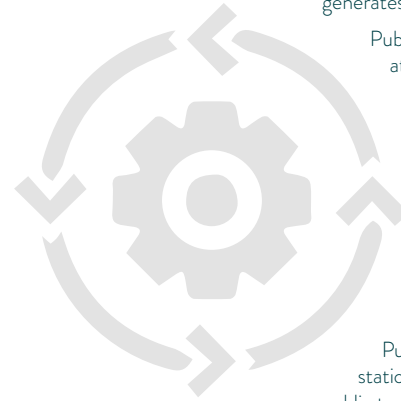
WE STAND FOR PROGRESS

We stand for a **flourishing economy**. Public transport connects people to jobs, training and leisure, supports tourism, increases land and property value, and helps all areas thrive. It even does this beyond towns and cities through connections and jobs in its supply chain, which deliver the infrastructure and vehicles needed. One euro invested in public transport generates 4 to 5 euros in the local economy.

Public transport **drives local employment**. It is among the largest employers at local level, providing secure local jobs. The sector employs diverse staff, with very different backgrounds, is committed to increasing the employment of women and reinforces social inclusion. For the same amount invested, public transport creates 25% more jobs than road construction.

We foster and are driven by **innovation**, from providing e-mobility long before electric cars were used, to deploying autonomous metros for over 35 years. As the sector looks to the future, new research and development areas include hydrogen, artificial intelligence, autonomous road vehicles, and many others.

Public transport **keeps cities bustling**, moving safely and sustainably. Its stations provide places for people to come together, meet and shop; while public transport lines become part of the beating heart of the city.



WE STAND FOR THE PLANET

We stand for the planet. We believe in public transport because it is the most **climate-friendly** way of traveling besides walking and cycling. Public transport carbon emissions per passenger are 3 to 4 times lower than with cars.

For citizens' daily mobility, a modal shift to collective public transport and active mobility is needed if we want to achieve our **climate goals**.

And because we stand for the planet and people's health, we are rapidly advancing on the journey to **decarbonise our sector**. Achieving this, brings benefits to the planet and every person living on it.

*We stand for our future,
stand for public transport !*





THE EXHIBITION, DISCOVERING THE LATEST INNOVATIONS IN PUBLIC TRANSPORT

The exhibition in Barcelona saw 17,300 visits to 337 exhibitors from 41 countries. Public transport professionals from across the globe saw the latest vehicles, innovative products, and solutions from leading industry suppliers and operating companies.

Two halls with hundreds of stands... it's easy to get lost. So the Innovation Guided Tours showed visitors the very best innovations the sector has to offer.

The tours covered the topics:

- Latest solutions for safety issues and cyber threats
- Moving our sector forward with automated vehicle technology
- Smart ticketing and payment for Mobility-as-a-Service
- Upgrading the passenger experience with innovative technologies
- Data-driven solutions for operational excellence
- On the road to greener cities with clean and zero-emission buses
- Vehicle connectivity and infrastructure monitoring for asset management
- Towards the electrification of public transport fleets

SPARKLING STARTUP ZONE

Discovering the youngest of companies and the freshest ideas



DISCOVER UITP'S GROUND BREAKING AND GLOBAL KNOWLEDGE

UITP drives the sector forward with regular publications. Topics range from practical action points on how to transition to renewable energy, to the world's most comprehensive statistics reports on public transport and urban mobility.

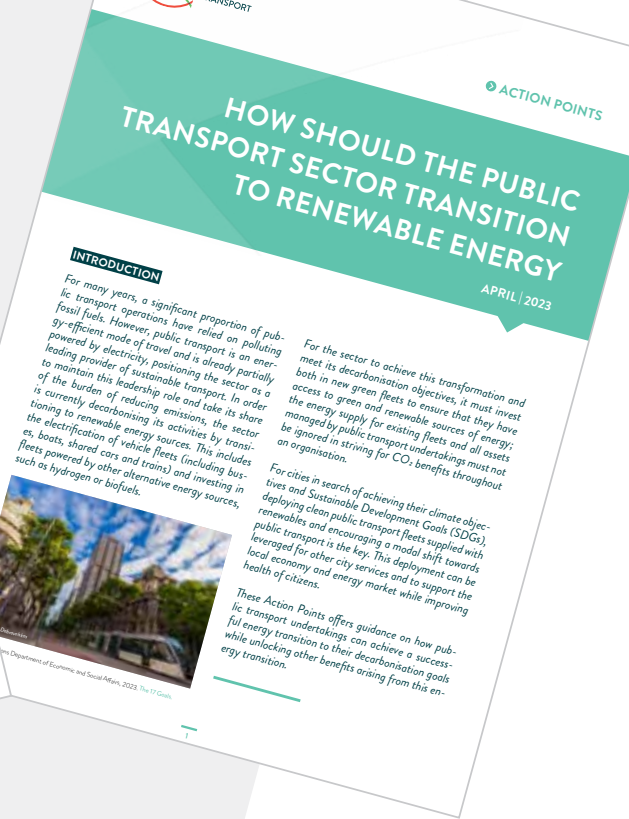
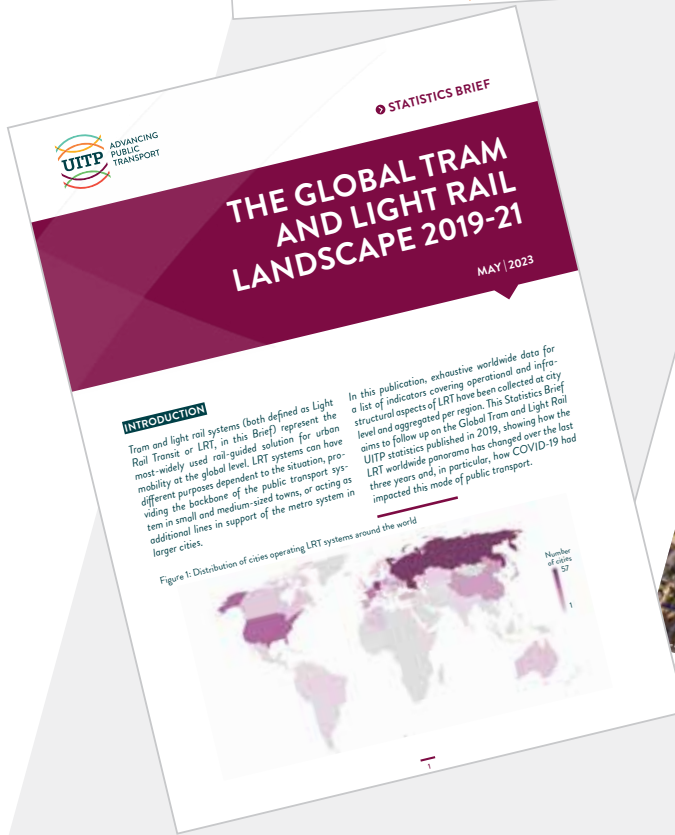
Though some publications are only available for our members, we choose to share a large portion of our knowledge with the entire public transport and sustainable urban mobility community.

Other recent publications include:

- Brownfield metro automations: Considerations for GOA4, GOA3 and GOA2 upgrade projects
- How to make stations lively hubs for citizens and public transport users: Solutions
- Global taxi & ride-hailing benchmarking study 2019-21
- Practical guidelines on cybersecurity: Requirements in tendering
- How to set up a public transport authority: Examples from South-East Asia



Discover all our knowledge on <https://www.uitp.org/resources/publications/>



DON'T MISS YOUR CHANCE TO SHINE
ON THE EXHIBITION FLOOR OF
THE 2025 UITP SUMMIT IN HAMBURG.

LOOK AHEAD HAMBURG

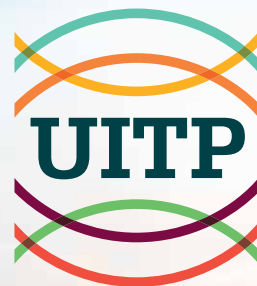
Barcelona has been an outstanding edition. Mark your calendar for the next edition of the UITP Summit which takes place in the vibrant and diverse metropolis of Hamburg, Germany from 15-18 June 2025.

With over 2,500 bridges, Hamburg holds the record for the highest number of bridges in Europe, showcasing a unique blend of modernity and tradition. Its efficient and reliable public transport system, consisting of 6 suburban railway lines, 4 metro lines, 69 suburban railway stations, 93 metro stations, over 200 bus lines, 8 ferry lines, and around 10,000 bus stops, connects residents and visitors seamlessly.

It's the perfect setting to meet like-minded professionals, learn from world class congress sessions and discover the latest vehicles, innovations and solutions.

SIGN UP FOR THE LATEST NEWS AT

UITPSUMMIT.ORG



15-18 JUNE

HAMBURG 2025

GLOBAL PUBLIC
TRANSPORT SUMMIT

**THE DEFINING EVENT
IN PUBLIC TRANSPORT**



Organiser



Local Partners



In collaboration with



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We are grateful for Roads and Transport Authority sponsoring our Opening Ceremony.



We thank ATM for sponsoring our Welcome Reception.



We are pleased to have Enel-X as a sponsor of our Networking Dinner.

