



# PRELIMINARY PROGRAM

JULY 2025

**SMARTCITY**

EXPO WORLD CONGRESS

November 4 – 6, 2025



# *2025 CONGRESS TOPICS AND EVENTS*

*ENABLING  
TECHNOLOGIES*

*LIVING & INCLUSION*

*ENERGY & URBAN  
ENVIRONMENT*

*GOVERNANCE &  
ECONOMY*

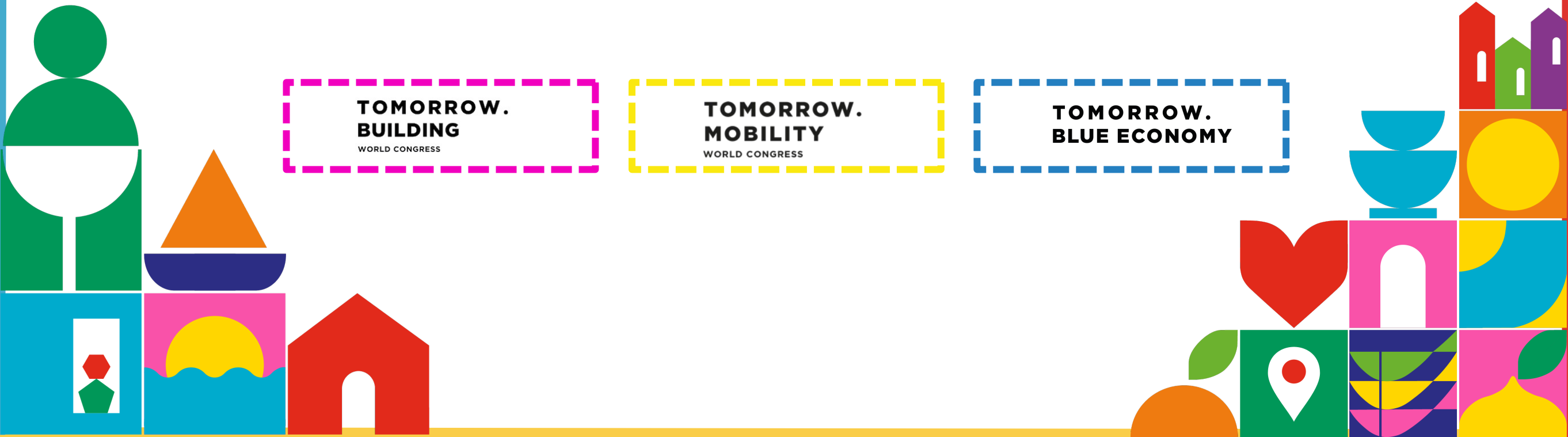
**TOMORROW.  
BUILDING**

WORLD CONGRESS

**TOMORROW.  
MOBILITY**

WORLD CONGRESS

**TOMORROW.  
BLUE ECONOMY**



# ENABLING TECHNOLOGY

The Enabling Technologies track tackles the implication of advanced technologies like data-driven predictions, artificial intelligence, or digital modeling in planning and decision-making but also provokes the debate on how we can regulate and secure the information digitalization is managing.

*DATA-DRIVEN  
PREDICTIONS*

*AI-ENABLED  
CITIES*

*AI  
HORIZONS*

*SECURITY*

*DISRUPTIVE  
TECH*

*URBAN DIGITAL  
MODELING*



# ENABLING TECHNOLOGY

## 2025 TOPICS AND SESSION TITLES

### DATA-DRIVEN PREDICTIONS

*(Enabling Technologies + Governance & Economy)*

*How can cities use data analytics to anticipate future dynamics and ensure long-term resilience? What role does data play in enabling accurate predictions and effective city planning?*

**Session Title:** *Decoding What Cities Really Need: A Data Revolution*

**Main Keywords:**

*Data Analytics, Data Management, Digital Identity, Predictive Modelling*

### AI-ENABLED CITIES

*(Enabling Technologies + Governance & Economy)*

*How can AI enhance decision-making in smart cities while ensuring ethical and unbiased outcomes? What role do AI technologies play in optimizing public services in the cities of the future?*

**Session Title:** *AI-Powered Cities: When Disruption Becomes Direction*

**Main Keywords:**

*Algorithm Ethics, Sustainable AI, Responsible AI*

### AI HORIZONS

*What are the potential, limitations, and challenges of embedding this disruptive technology in day-to-day city life? What can be expected of the Fourth Industrial Revolution?*

**Session Title:** *Beyond the Headlines: What Are AI's True Frontiers?*

**Main Keywords:**

*Algorithms, Generative AI, Smart Devices, LLM, Deep Learning*



# ENABLING TECHNOLOGY

## 2025 TOPICS AND SESSION TITLES

### SECURITY

*(Enabling Technologies + Living & Inclusion)*

*How are the latest technological innovations transforming urban safety and resilience? What strategies could foster cybersecurity innovation while maintaining public trust?*

**Session Title:** Are Our Cities Ready for Tomorrow's Threats?

**Main Keywords:**

Cybersecurity, IT Governance, Security, Regulation, Resilience

### DISRUPTIVE TECH

*Which emerging disruptive technologies are poised to transform smart cities, and how can urban leaders proactively integrate them? How can the widespread adoption of enhanced connectivity drive innovation in smart cities?*

**Session Title:** Next-Gen Technologies Rewriting Urban DNA

**Main Keywords:** Connectivity, Blockchain, Quantum Computing, IoT, 5G

### URBAN DIGITAL MODELING

*(Enabling Technologies + Tomorrow.Building)*

*How do simulation technologies improve decision-making and urban system efficiency through digital modeling? How can digital twins optimize city infrastructure and services?*

**Session Title:** Virtual Reality, Real Insights: How Digital Models Predict Urban Futures

**Main Keywords:**

Augmented Reality, Digital Twins, Simulation, Real-time Monitoring



# LIVING & INCLUSION

What makes a city livable? The objective of the track on Living & Inclusion is to illustrate the essential elements required for citizens to lead fulfilling and dignified lives within urban environments. Ensuring covering all their needs entails providing access to tangible resources and safeguarding their rights, both of which must be equitably upheld across all communities.

*LIVABLE CITIES*

*DIGITAL VALUES*

*CLOSING THE GAP*

*WELLBEING*



# LIVING & INCLUSION

## 2025 TOPICS AND SESSION TITLES

### LIVABLE CITIES

*How can cities guarantee the best living conditions for their citizens? In what ways can urban planning strategies promote equitable access to resources public amenities for all citizens?*

**Session Title:** *Making It Happen: How Cities Can Turn Livability Plans into Reality*

**Main Keywords:**

*Accessibility, Inclusive Public Spaces, Physical Security, Right to the City, Gentrification*

### DIGITAL VALUES

*(Living & Inclusion + Enabling Technologies)*

*How does digital transformation will enhance citizen participation while ensuring data transparency and security? How can we guide behavior in the digital world and secure our digital rights?*

**Session Title:** *The New Digital Social Contract: Rights, Security, and Inclusion*

**Main Keywords:**

*Digital Rights, Digital Trust, Digital Identity, Privacy, Data Protection, Disinformation*



# LIVING & INCLUSION

## 2025 TOPICS AND SESSION TITLES

### CLOSING THE GAP

*How can cities create more inclusive environments that support the needs and aspirations of women, immigrants, and other marginalized groups? How can we bridge the digital gap and ensure all equitable access to technology and online resources?*

**Session Title:** One City, Equal Opportunities: Making Urban Inclusion a Reality

**Main Keywords:**  
Equality, Gender Parity, Digital Divide, Social Inclusion, Minorities, Refugees

### WELLBEING

*(Living & Inclusion + Governance and Economy)*

*How do urban policies and practices contribute to caring for citizens and promoting a healthier, more equitable quality of life? In what ways can cities promote well-being as a foundation for thriving communities?*

**Session Title:** The Wellbeing City: Creating Urban Environments That Heal and Inspire

**Main Keywords:**  
Quality of Life, Caring Cities, Health, Aging Populations, Social Services, Economic Vitality, Community Development, Human Rights





# ENERGY & URBAN ENVIRONMENT

Energy & Urban Environment sessions examine the impact of climate change on cities, starting from a broad overview of cities as key players in the global landscape, and then zooming in on the latest innovations addressing specific urban challenges.

*CLIMATE ACTION*

*ADAPTATION AND  
RESILIENCE*

*CLEAN ENERGY  
REVOLUTION*

*CITY SERVICES  
MANAGEMENT*

*GREEN CITIES*

*ECO-  
INNOVATION*



# ENERGY & URBAN ENVIRONMENT

## 2025 TOPICS AND SESSION TITLES

### CLIMATE ACTION

(Energy and Urban Environment + Governance and Economy)

*Five years remain to achieve the Paris Agreement goals—what progress has been made, and what still needs to be done? Following the global stocktake at COP29, how are cities planning mid- and long-term strategies to advance climate action?*

**Session Title:** *Racing Against Time: Urban Climate Action That Actually Works*

**Main Keywords:**  
*Climate Crisis, Climate Finance, Global Governance, Mitigation*

### ADAPTATION AND RESILIENCE

(Energy and Urban Environment + Enabling Technologies)

*What strategies are cities implementing to adapt to climate change? Are cities prioritizing green solutions when mitigating climate change effects or restoring urban environments after a natural catastrophe?*

**Session Title:** *Which Strategies and Tools Create Truly Climate-Resilient Cities?*

**Main Keywords:**  
*Climate Adaptation, Climate Finance, Disaster Risk Management, Emergency Response, Nature-Based Solutions, Urban Resilience*

### CLEAN ENERGY REVOLUTION

*What role do new energy models play in shaping the urban fabric and dynamics of cities as they strive toward decarbonization? What alternative energy sources are real clean solutions for the increasing power demand?*

**Session Title:** *Can Clean Energy Cities Be the New Global Standard?*

**Main Keywords:**  
*Decarbonisation, Energy Efficiency, Energy Storage, Smart Grids, Decentralized Energy Models, Hydrogen, Renewables, Energy Management Systems*



# ENERGY & URBAN ENVIRONMENT

## 2025 TOPICS AND SESSION TITLES

### CITY SERVICES MANAGEMENT

*What innovative strategies and technologies are being implemented to reduce waste and promote circularity in urban resource management?*

**Session Title:** Waste Not, Want Not: How Do We Create Resource-Smart Cities?

**Main Keywords:**

Water Management, Waste Management, Electricity, Urban Food Systems, Natural Resources, Urban Services, Circularity

### GREEN CITIES

(Energy and Urban Environment + Living and Inclusion)

*How do green spaces in cities contribute to improving the quality of life, enhance biodiversity, and fostering community engagement and physical well-being?*

**Session Title:** Rewilding Urban Spaces: From Concrete Jungles to Living Cities

**Main Keywords:**

Smart lighting, Environmental Monitoring, Biodiversity & Urban Ecosystem Balance, Green Spaces, Sustainable Built Environment

### ECO-INNOVATION

(Energy and Urban Environment + Enabling Technologies)

*How are cities leveraging green entrepreneurship and sustainable business practices to drive technological innovation in the fight against the climate crisis?*

**Session Title:** Innovating for the Planet: Cities Leading the Eco-Tech Revolution

**Main Keywords:**

Climate Tech, Green entrepreneurship, Sustainable Business, Innovation, Environmental Design, Cleantech



# GOVERNANCE & ECONOMY

Local governments are working to be updated with new developments to make their cities smart, sustainable, and inclusive. In the sessions of the Governance & Economy track, we will discover the actions and policies cities are leading to become better environments for their citizens, how collaboration and participation are needed to make things happen and the different financing tools and funding methods available for them to achieve their goals.

*GOVTECH*

*COLLABORATIVE MISSIONS*

*FINANCE AND  
INVESTMENT*

*SUSTAINABLE ECONOMIC  
GROWTH*



# GOVERNANCE & ECONOMY

## 2025 TOPICS AND SESSION TITLES

### GOVTECH

*(Governance & Economy + Enabling Technologies)*

*How are governments up to date with technological innovations to improve public services and government efficiency? Are governments into the digital transformation to make their services more accessible, and user-friendly?*

**Session Title:** GovTech Solutions to Turn Bureaucracy into Efficiency

**Main Keywords:**

*Advanced Digital Services, e-Government, Data Governance, Agile Services, APP Solutions, Automation, Digital Participation*

### COLLABORATIVE MISSIONS

*How are the cities raising their voice on the Global atmosphere? In an unstable world, can cities take part in the fight to preserve democratic values?*

**Session Title:** The Alliance Advantage: Why Cities Thrive Through Collaboration

**Main Keywords:**

*Agile governance, Alliances, Collaborations, City-to-City Cooperation, Public-private Partnership, Democracy, Citizens' Engagement*



# GOVERNANCE & ECONOMY

## 2025 TOPICS AND SESSION TITLES

### FINANCE AND INVESTMENT

*How can we finance projects to reach sustainable goals? How important is it to work on cross-sector collaboration to move forward on financing?*

**Session Title:** *Investing in Transformation: Strategic Capital to Future-Proof Cities*

**Main Keywords:**

*Climate Finance, Financing Tools, Fintech, Global Funds, Investment Models*

### SUSTAINABLE ECONOMIC GROWTH

*How do the cities envision their economic future? How are governments forecasting their sustainable growth? How are they working on looking for new economic drivers?*

**Session Title:** *How Can New Economic Models Create Sustainable Urban Success?*

**Main Keywords:**

*Talent Attraction, Entrepreneurship, Tourism, Innovation Hubs, Digital economy, Local Economy, Diversification*



# TOMORROW. BUILDING

The Tomorrow.Building sessions comprehensively explore the facets of city building and urban life. Certain sessions delve into the pivotal role of technology in the design and administration of buildings and infrastructure, while others focus on pioneering advancements in sustainability and construction methods. Additionally, there's a dedicated segment for examining the housing crisis and innovative solutions in the technical and policy realms.

*DESIGN  
TECH*

*DIGITAL BUILDING  
INNOVATION*

*CITY  
INFRASTRUCTURES*

*DECARBONIZED  
BUILDING*

*RESILIENT CITY  
PLANNING*

*RETROFITTING THE  
URBAN FABRIC*

*PROPTECH*

*HOUSING*



# TOMORROW. BUILDING

## 2025 TOPICS AND SESSION TITLES

### DESIGN TECH

*(Tomorrow.Building + Enabling Technologies)*

*In what ways is technology driving innovation in urban design practices? How are digital tools shaping the design process for buildings, infrastructures, and cities?*

**Session Title:** *Crafting Cities with Code: How Design Tech Transforms Cities*

**Main Keywords:**

*AI, Digital Tools, Virtual Reality, Immersive Technologies*

### DIGITAL BUILDING INNOVATION

*(Tomorrow.Building + Enabling Technologies)*

*How have digital tools improved construction accuracy and reduced costs? What challenges and best practices shape successful digital transformation in the industry?*

**Session Title:** *From Bricks to Algorithm: The New Language of Building Design*

**Main Keywords:**

*AI, Building Simulation, BIM, Innovative Construction, Digital Twins*

### CITY INFRASTRUCTURES

*How can innovation in large-scale infrastructures ensure adaptability to evolving urban needs? What cutting-edge technologies and design strategies can enhance the safety, sustainability, and efficiency of major city infrastructures?*

**Session Title:** *When Cities Think: How Smart Infrastructure Transforms Urban Living*

**Main Keywords:**

*Resilient Infrastructures, Community Facilities, Hospitals, Urban Innovation*



# TOMORROW. G

## 2025 TOPICS AND SESSION TITLES

### **RESILIENT CITY PLANNING**

*How can cities integrate climate adaptation, disaster preparedness, and smart infrastructure for long-term resilience? What role do technology and community engagement play in sustainable urban growth?*

**Session Title:** *Cities That Bounce Back: The New Science of Resilient Design*

**Main Keywords:**

*Adaptive Architecture, Climate Adaptation, Urban Strategies*

### **RETROFITTING THE URBAN FABRIC**

*What are the key strategies for retrofitting existing buildings and infrastructure for energy efficiency, sustainability, and technological advancement? How can cities preserve cultural heritage within this framework?*

**Session Title:** *From Legacy to Leading Edge: How Retrofitting Transforms Aging Cities*

**Main Keywords:**

*Energy Efficiency, Renewable Integration, Refurbishing, Heritage, Cultural Patrimony*

### **DECARBONIZED BUILDING**

*(Tomorrow.Building + Energy and Urban Environment)*

*How is the building sector aligning its practices with the sustainability initiatives of cities? In what ways can the built environment play a role in mitigating climate change?*

**Session Title:** *Green by Design: Buildings That Heal*

**Main Keywords:**

*Energy Efficiency, Green Building, Climate Change Mitigation, Zero Emission Buildings*

# TOMORROW. BUILDING

## 2025 TOPICS AND SESSION TITLES

### **PROPTech**

*(Tomorrow.Building + Enabling Technologies)*

*How are recent technological advancements transforming the real estate industry, from development to investment and property management? What emerging trends and innovations are redefining property management, utilization, and the future of real estate?*

**Session Title:** PropTech Unleashed: The Innovations Flipping Real Estate Upside Down

**Main Keywords:**

*Real Estate, Property Management, Facility Management*

### **HOUSING**

*(Tomorrow.Building + Living & Inclusion)*

*How can policymakers, urban planners, and tech innovators collaborate to create scalable, affordable, and sustainable housing solutions for growing cities? What technologies and strategies show the most promise in tackling the housing crisis?*

**Session Title:** Tackling The Housing Divide: Making Room for Everyone in Booming Cities

**Main Keywords:**

*Innovative Housing Models, Modular Living, Regulatory Innovation, Public-Private Partnerships, Smart Housing Solutions*

# TOMORROW. MOBILITY

*PUBLIC SPACE USE, ACTIVE  
MOBILITY, AND MICROMOBILITY*

*SOLUTIONS FOR  
SUSTAINABLE COMMUTING*

*IMPROVING LOGISTICS  
SERVICES AT A LOWER CARBON  
FOOTPRINT*

*THE ROLE OF SHARED MOBILITY  
SERVICES IN MOBILITY SYSTEMS*

*AUTONOMOUS MOBILITY IN  
PUBLIC TRANSPORT*

*OPPORTUNITIES AND  
CHALLENGES OF MOBILITY  
DATA*

*DEPLOYING AUTONOMOUS  
DRIVING TECHNOLOGY IN OUR  
CITIES*

*PUBLIC SPACE, PARKING, AND THE  
MOBILITY OF PROXIMITY*

*SOLUTIONS FOR SAFER MOBILITY  
IN CITIES*

*ZERO POLLUTION MOBILITY: IS  
ELECTRIFICATION ENOUGH?*

# TOMORROW. MOBILITY

## 2025 PRELIMINARY SESSIONS

### **FOSTERING ACTIVE MOBILITY AND MICROMOBILITY IN CITIES**

*How can cities integrate e-scooters, shared mobility, and cycling infrastructure to create an inclusive and efficient transportation system? What strategies can improve walkability? How do cycling lanes and smart parking contribute to active mobility?*

**Main Keywords:**  
*e-Scooter, Micromobility, Shared Mobility, Cycling Lanes, Walkability, Mobility for all, Gender and mobility, Health benefits of active mobility*

### **SOLUTIONS FOR SUSTAINABLE COMMUTING**

*How can corporate mobility programs and integrated transport networks lead to more sustainable commuting? What role do mobility infrastructure and nudging play in creating seamless and sustainable commuting options?*

**Main Keywords:**  
*Nudging, Railway infrastructure, Transport Hubs, Train stations, Corporate mobility, MaaS, Railway Transport, Bus, Transport Hubs, Multimodality, On-demand Mobility, Transport Networks, transport poverty*

### **IMPROVING LOGISTICS SERVICES AT A LOWER CARBON FOOTPRINT**

*How can sustainable logistics practices and improved fleet management reduce the carbon footprint of freight and delivery services? What impact do logistics innovations have?*

**Main Keywords:**  
*Freight, Sustainable Logistics, delivery fleet management, Consolidation Centres, Drone delivery, ports and waterborne logistics, reverse logistics, bulk and construction delivery*

# TOMORROW. MOBILITY

## 2025 PRELIMINARY SESSIONS

### ***THE ROLE OF SHARED MOBILITY SERVICES IN MOBILITY SYSTEMS***

*How are shared mobility services transforming the way people move in urban and suburban environments? What challenges do they face in integrating with existing mobility systems?*

#### ***Main Keywords:***

*Shared Mobility, Insurance and liability, Individual Mobility, MaaS, Mobility service providers, Ridesharing, Mass Transit, First/Last Mile, Demand Responsive Transport, Intermodality*

### ***AUTONOMOUS MOBILITY IN PUBLIC TRANSPORT***

*To what extent can autonomous and connected vehicle technologies enhance the efficiency, safety, and accessibility of public transport systems? What needs to change for their widespread adoption?*

#### ***Main Keywords:***

*Autonomous Vehicles, Connected Vehicles, Intelligent Transport Systems, AI for autonomous mobility, CCAM, Mass Transit, Railway Transport, Bus*

### ***OPPORTUNITIES AND CHALLENGES OF MOBILITY DATA***

*How can mobility data, supported by AI, blockchain, and digital infrastructure, enhance the efficiency and security of transport systems? What are the main enablers and barriers?*

#### ***Main Keywords:***

*Blockchain in Mobility, Mobility Data Spaces, Intelligent Transport Systems, Integrated Payment Systems, Mapping and routing software, AI in mobility, Digital infrastructure for mobility*

# TOMORROW. MOBILITY

## 2025 PRELIMINARY SESSIONS

### ***DEPLOYING AUTONOMOUS DRIVING TECHNOLOGY IN OUR CITIES***

*How can autonomous and connected vehicles be integrated into urban environments to enhance mobility, safety, and the public realm while addressing regulatory and infrastructural challenges? How can cities prepare for this transformation?*

***Main Keywords:***

*Autonomous Vehicles, Connected Vehicles, Intelligent Transport Systems, V2X, AI for autonomous mobility, CCAM, Public Realm, Smart Parking, Smart Traffic Management, Placemaking, Integrated Mobility Plans*

### ***EFFICIENT USE OF PUBLIC SPACE THROUGH BETTER URBAN MOBILITY PLANNING***

*What role do urban mobility planning, including smart parking, transport hubs, and placemaking, play in shaping urban environments that prioritise both functionality and quality of life for residents and visitors?*

***Main Keywords:***

*Public Realm, Transport Hubs, Smart Parking, Placemaking, Integrated Mobility Plans, Mobility hubs, Tourism mobility*

# TOMORROW. MOBILITY

## 2025 PRELIMINARY SESSIONS

### ***SOLUTIONS FOR SAFER MOBILITY IN CITIES***

*How can innovation, technologies, and behaviour change improve road safety and reduce accidents in urban environments? What impact do these solutions have in creating safer, more efficient, and people-friendly cities?*

#### ***Main Keywords:***

*Innovation for Road safety, Awareness, Behaviour change, Safety for all users, Safety across modes, Measuring and addressing road injuries and fatalities, Road safety policy, Diversity, Equity, and Inclusion in Mobility, Mobility for all*

### ***ZERO POLLUTION MOBILITY: IS ELECTRIFICATION ENOUGH?***

*What can decision-makers and mobility stakeholders do to reach the zero-pollution ambition? How can public and private interests be best aligned? What solutions are already available, and what areas still require more research and development?*

#### ***Main Keywords:***

*Batteries, Green Hydrogen, Circular value chain, Urban Vehicle Access Restrictions, Low Carbon Mobility, Zero Emissions, Low Emission Zones, Vehicle-to-grid, Congestion charging, Zero emission waterborne mobility*

# THANK YOU!

A vibrant geometric collage composed of various shapes and colors. It includes a red heart, a blue house-like shape, a yellow circle, a green square with a white location pin, a pink square with a white arch, a blue square with a white arch, a yellow square with a green leaf, a green square with a white location pin, a blue square with a white arch, and a yellow square with a green leaf. The collage is arranged in a grid-like fashion with some overlapping elements.

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