



IFME 2026

Future Livable Cities

June 9-11 2026, Helsinki

WORLD CONGRESS ON MUNICIPAL ENGINEERING

JUNE 8

Registration opens
Get together

JUNE 9

Congress day 1
Helsinki City Reception

JUNE 10

Congress day 2
Networking Evening
with Live Music

JUNE 11

Excursions in **Helsinki**

JUNE 12

Excursion in **Tallinn**

JUNE 13-17

Excursion in **Stockholm**
and **Bergen**

JUNE 18

Excursions in **Reykjavik**

PLATINUM PARTNERS



PARTNERS



ORGANIZERS



FINLANDIA HALL

HELSINKI HALL

RESTAURANT HALL 3

RESTAURANT HALL 2

8:00 Registration opens

OPENING SESSION

Chair:
8:30 Opening words from FAME and IFME
8:45 TBA
9:00 Helsinki - Developing Capital City
Eveliina Heinäluoma, Chairman of the Helsinki city council
9:15 Gold and platinum partners
9:30 **KEYNOTE 1**
Soft Urban Future
David Sim, Partner, Architect SAR/MSA FRIAS, Softer

DAVID SIM

Partner, Architect SAR/MSA FRIAS, Softer



10:15 COFFEE AND EXHIBITION

Session 1
Leadership in Transition

Chair:

10:45 Discussion session: Leadership in Transition – Green Transition, Competence, and Collaboration in the Infrastructure Sector
Johanna Nyberg, WSP, Finland
11:15 Transforming Organizational Culture for Sustainable Infrastructure: A Holistic Framework for Successful Change
Kia Aksela, WISE Environment, Finland
11:45 World's most advanced trash collecting system in nearly 1000-year-old city center
Terje Strøm, Bergen, Norway

Session 2
Resilience: aspects from different parts of the world

Chair:

Smart, sustainable, and resilient: a new paradigm for urban reconstruction in conflict-affected zones
Stergios-Aristoteles Mitoulis, University College London, United Kingdom
Making Unplanned Settlements Liveable: 'Remediation Plans' in Serbian Urban Planning System and Practice
Branislav Antonic, University of Belgrade, Serbia
Investigating the trends in the magnitude and frequency of extreme short-duration rainfall depths across South Africa
Kobus Du Plessis, University of Stellenbosch, South Africa

Session 3
Public Works & Infrastructure Asset Management

Chair:

Renewable Energy Communities for Sustainability. The Municipality of Rome's pilot project for the energy transition
Fabiana Cambiaso, Rome, Italy

Panel

Funding the Future: The Role of Government in Creating Livable Cities

Moderated by **Scott D. Grayson**, CAE, (American & Canadian Public Works Association & Sec Gen - IFME)

Session 4
Smart Cities & Digital Transformation

Chair:

AI-Assisted Quality Improvement System for the Register of Public Areas
Esko Laiho and **Ritva Keko**, City of Helsinki, Finland

Embedding AI to Smart Cities: Exploring the value promise of AI in Smart City operations
Jenna-Riia Oldenburg, Sitowise, Finland

AI-Driven Data Standardization for Sustainable Urban Infrastructure: Leveraging 3D Models and Material Insights
Joshua van Reij, Arcadis, The Netherlands

12:15 LUNCH & EXHIBITION

Session 5
Resilient Urban Planning & Climate Adaptation

Chair:

13:15 Reporting from the China Municipal Engineering - Sectors through best practices selections
Lu Yingfang, CMEA, China
13:45 Green transition as a catalyst for new infrastructure development models
Joonas Söderholm, City of Oulu, Finland
14:15 Different Aspects of Resilience – Scandinavian Best Practices for Adaptive and Multifunctional Urban Infrastructure
Elina Kalliala, Ramboll, Finland

Session 6
Resilience: aspects from different parts of the world

Chair:

Reconfiguring Urban Interstices: Adaptive Strategies for Resilient and Inclusive Cities
Heide Imai, Senshu University Tokyo, Japan

Panel

Different Aspects of Resilience – Scandinavian Best Practices for Adaptive and Multifunctional Urban Infrastructure

Session 7
Predictive Analytics & Data-Driven Decision-Making

Chair:

Areal development projects logistics operator
Joonas Hakkila, City of Helsinki, Finland

Capacity building for executives of the Community of Douala, Cameroon for urban flood risk management
Maurice Barth, IFME, AITF & GESCOD, France

Developing a Benchmarking Framework for Climate-Resilient Infrastructure Across Victorian Councils
Nima Zorriasateyn, City of Port Phillip, Australia

Session 8
Smart Cities & Digital Transformation

Chair:

Data that moves us: Rethinking urban mobility through inclusive, sustainable innovation
Anders Benqtsson, EIT, Denmark

Technological diversity increasing for shared micromobility systems in the cities worldwide
Merja Kajava, Aalto University, Finland

Inhabiting Infrastructure: A Visible Science
Christopher Domin, University of Arizona, USA

14:45 COFFEE AND EXHIBITION

Session 9
Sustainable Infrastructure & Decarbonization

Chair:

15:15 Kruunusillat: The Influence of Infrastructure
Tom Osborne, Knight Architects, United Kingdom
15:45 Advancing Sustainable Urban Environments Through Transport and Infrastructure Projects
Pia Salmi, **Olivia Mahlio** and **Annukka Larsen**, WSP, Finland

Session 10
Resilience: protecting urban biodiversity

Chair:

New habitat types for built environment – strategic green infrastructure for resilient cities
Maija Bengström, City of Helsinki, Finland
Elisa Lähde, Aalto University, Finland

Biodiversity in practice: From loss to gain
Piia Pessala, Sweco, Finland

Session 11
Resilient Urban Planning & Climate Adaptation

Chair:

Cycle paths as carbon sinks, preliminary study on promoting low-carbon construction
Samuli Huusko, City of Vaasa, Finland

Sustainable, climate resilient transport recovery in Marlborough Sounds
Courtney McCrostie, Stantec, New Zealand

Session 12
Smart Cities & Digital Transformation

Chair:

Wiser mobility by design: Exploring features in smartphone applications that foster wiser travel behaviour
Laura Kankaanpää, Aalto University, Finland

Ethereal Intelligence for Earthly Cities, AI at the Heart of Digital Transformation
Senthil Kumar, Slate Technologies, USA

16:15 BREAK

16:30 **KEYNOTE 2**
Livability from Ecosystems — the City as a Service Platform
Jarmo Suominen, Vice Dean, Shanghai International Institute of Design and Innovation
17:15 End of the Congress day 1
19.00-20:30 **Helsinki City Reception**
Location: Helsinki City Hall
Announcing the IFME Awards. Centenary speech

JARMO SUOMINEN

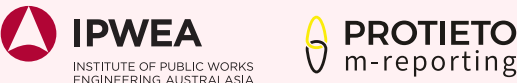
Vice Dean, Shanghai International Institute of Design and Innovation



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DAVID JENKINS

CEO, Institute of Public Works Engineering Australasia (IPWEA)



FINLANDIA HALL

HELSINKI HALL

RESTAURANT HALL 3

RESTAURANT HALL 2

8:00	Registration opens			
	Keynote Session 13 International Awards Chair:	Session 14 Tools for future urban planning Chair:	Session 15 Asset management Chair:	Session 16 Smarter maintenance and snow logistics Chair:
8:30	KEYNOTE 3 Valuing Green Infrastructure - taking a Traditional Asset Management Approach David Jenkins , CEO, Institute of Public Works Engineering Australasia (IPWEA)			
09:30	IFME Construction Project Gold Award Presentation	SimulSoil 2.0: Integrating Biodiversity, Climate Resilience, and Predictive Analytics into Municipal Urban Planning Carolina Giaimo, Giulio Gabriele Pantaloni, Andrea Nino, Federico Farina Dist-Politecnico di Torino, Italy	Asset Management Maturity Analysis - Experiences from Finland Jyrki Paavilainen , FAME, Finland	Smart quality control in maintenance contracts Aaron Koskela , Protieto, Finland
10:00	IFME Construction Project Silver Award Presentation	From Groundwork to Livability: Life-Cycle Insights on Public Works from Early-Stage Urban Planning Eero Puurunen , Sitowise, Finland	Validation of professional skills for Asset Management Thomas Nylund , SPWA, Sweden	Winter Maintenance Contract Experiences for the Main Cycling Routes in the Oulu Region Keijo Pulkkinen , Autori, Finland
10:30	IFME China Award Winner	Economic Management in Urban planning – Tool for Supporting Helsinki’s Strategic and Sustainable Urban Growth Kirsi Lilja , City of Helsinki, Finland	Weaving Sustainable Approaches and Resilience into Infrastructure Asset Management - A New Zealand Perspective Priyani de Silve-Currie , APOPO, New Zealand	Smart Snow Management: Solutions for Sustainable and Resilient Cities Tiina Ketolainen and Teemu Uusikauppila , Ramboll, Finland

11:00 LUNCH AND EXHIBITION

	Session 17 International Awards Chair:	Session 18 Aspects for novel practices in urban planning Chair:	Session 19 Sustainable transport solutions Chair:	Session 20 Data related transformation Chair:
12:00	IFME Development Project Gold Award Presentation	Defining regulations in master plans for drone delivery Jakub Takács , University of Technology in Bratislava, Slovakia	From Rising Star to Champion – Transforming Helsinki into a World Class Cycling City Laura Poskiparta , WSP, Finland Oskari Kaupinmäki , City of Helsinki, Finland	Co-creating new mobility services Stella Aaltonen , City of Turku, Finland Annikka Kunnasvirta , Turku AMK, Finland
12:30	IFME Development Project Silver Award Presentation	Small Modular Nuclear Reactors in Land Use Planning Roope Ruhanen , City of Kuopio, Finland	The Significance of Regional Sustainable transport system planning in Finland Tapani Touru , Sitowise, Finland	Research on Deep Coal Seam Fracturing Effect Evaluation Method Based on Machine Learning Wenjie Yao , University of Petroleum, Baijing, China
13:00	Thesis Award Presentation	Monitoring Park Use in Helsinki – Science for Green Governance Maria Jaakkola , City of Helsinki, Finland	Digital Twins Applied to Risk Management in Anthropogenic Contexts. Case Tuscany Iacopo Costoli , Government of Tuscany, Italy	

13:30 COFFEE AND EXHIBITION

14:00	Solar active design for smart cities, Voltaic on-site and off-site effects on plants Søren Dietz , Bjerck architects, Denmark	Learning through Urban Design: Mapping Conceptual Gaps Between Children’s Civic Literacy and Urban Design Haneen AlAmirah and Iman AlAmirah , UAE’s University, United Arab Emirates	Reducing Environmental Emissions as a Basis for Contract Competition Jari Kaukonen , Kaukotek, Finland	Circular Innovation in Waste-to-Energy: Utilizing Bottom Ash for Sustainable Urban Infrastructure Antti Rusko , Eritysjäte, Finland
14:30	The potential for grid tied microgrids to be a sustainable suburban energy system Chris Allen , Nelson Mandela Uni, South Africa	The City Through the Eyes of a Child – Child friendly landscape architecture and urban design Varpu Mikola , Nomaji Landscape Architects, Finland	Deploying the situational picture from the alliance management monitoring tool to the construction site Laura Jyväkorpi , AFRY, Finland	Global Best and Next Practices in Carbon Management – Turning Data into Design Decisions Andreas Linnet , Ramboll, Denmark

Closing Session

Chair:

15:10	KEYNOTE 4 Urban green spaces tackling climate change Ranja Hautamäki , Associate Professor of Landscape Architecture, Aalto University
16:00 -16:15	Closing remarks of IFME 2026
19:00	Networking Evening with Live Music Location: Restaurant Botta

RANJA HAUTAMÄKI

Associate Professor of Landscape Architecture, Aalto University



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