



Singapore: The world's Smartest City

July 28, 2025, 7 am PDT

Live Stream Seattle Washington

Find out why Singapore is the Smartest City in the world. What are some of the traits other cities try to imitate? What are some of the fallacies of being the Smartest City on the Globe? Join us as we explore Transportation, Health, Water, Power, and Governance at this Smart City. Can we send you an invite?

As Singapore continues to lead the global smart city movement through its integrated approach to transportation, health, water, governance, and energy, Urban Digital Twins (UDTs) are emerging as transformative tools for shaping sustainable, resilient, and intelligent



Ben Hichou, PhD

urban systems. Far beyond static 3D models, UDTs combine real-time data, IoT, GIS, and predictive analytics to simulate and optimize the performance of complex urban networks. This presentation at Smart Cities Singapore explores how UDTs support low-carbon mobility, efficient resource management, adaptive infrastructure, and citizen-centered governance by enabling cities to test scenarios, anticipate challenges, and co-design solutions. Yet the success of UDTs depends on their contextualization—aligning

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digital models with local environmental, cultural, and regulatory realities. Drawing on international best practices and Singapore's own urban innovations, this session demonstrates how UDTs are not merely technological assets, but strategic instruments for achieving inclusive, climate-smart, and future-ready cities.

Dr. Badr Ben Hichou

The Director of Smart Cities and Territorial Intelligence for the MEA region at Harmony. Since 2012, he has led transformative initiatives in urban planning, smart cities, and digital territorial governance. With deep expertise in Information Technology, IoT, and Geomatics—including GIS, remote sensing, and environmental risk management—he has successfully delivered high-impact Smart City and Urban Digital Twin projects across diverse contexts. His work consistently drives digital transformation, operational optimization, and innovation, earning him three international Smart City awards and recognition as a leader in sustainable and data-driven urban development.

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