CO-HOSTED BY

CENTRAL ECONOMIC COMMISSION

MINISTRY OF CONSTRUCTION

CO-ORGANIZED BY

OFFICE OF THE GOVERNMENT | MINISTRY OF INFORMATION AND COMMUNICATIONS | MINISTRY OF FOREIGN AFFAIRS | MINISTRY OF FINANCE | MINISTRY OF SCIENCE AND TECHNOLOGY | MINISTRY OF TRANSPORT

MINISTRY OF PUBLIC SECURITY | MINISTRY OF INDUSTRY AND TRADE | ASEAN SECRETARIAT

HANOI PEOPLE'S COMMITTEE | HO CHI MINH CITY PEOPLE'S COMMITTEE | DA NANG PEOPLE'S COMMITTEE

ASCN VIETNAM 2020

ASEAN SMART CITIES SUMMIT & EXPO & ASCN ANNUAL MEETINGS 2020

SMART CITIES: TOWARDS COMMUNITY, NATIONAL IDENTITY AND SUSTAINABILITY FOR A COHESIVE AND RESPONSIVE ASEAN

- 22-23 October, 2020
- National Convention Center, Hanoi, Vietnam
- smartcitysummit.org.vn | ascnvietnam2020.vn

ONE OF THE LARGEST AND MOST INFLUENTIAL CONFERENCES ANH EXPOS ON SMART CITIES IN ASEAN

WHAT TO EXPECT AT **THE EVENT?**

ASEAN Smart Cities Summit & Expo & ASCN* Annual Meetings 2020, co-hosted by **Vietnam's Central Economic Commission** and **Ministry of Construction**, will take place on **22-23 October 2020 at National Convention Center, Hanoi, Vietnam.** The region's leading event for cities establishes itself as the unique meeting point for key stakeholders including regional government officials, policymakers & city administrators, private sector representatives and industry leaders to cope with challenges facing smart cities, share integrated urban solutions & best practice and forge new partnerships aimed at building sustainable and liveable cities.

The two-day conference featuring high-level forum & roundtable, best-case and solution speeches, insightful panel discussions presented by first-class speakers and thought leaders will zoom in on various aspects of a smart city ranging from urban planning & management, infrastructure & cyber security, mobility, urban environments, to digital technologies adoption and deployment.

Alongside the conference, the International Exposition will introduce smart city projects implemeneted across ASEAN in general and Vietnam in particular and showcase world-class providers' disruptive technologies into major market segments within Smart Cities including Digital Transformation, Smart Governance, Smart Transport, Smart Building, Smart Energy & Utilities..etc

Especially, following its successful launch in Singapore and Thailand, **ASEAN Smart Cities Network** will come to Vietnam for its 3rd edition with **01 ASCN Mayors Roundtable** & **01 ASCN Annual Meeting**. Featuring a host of indepth discussions and thought-provoking debates, the two meetings will focus on exchanging smart governance tools among ASCN members; review the progress of each city's action plan; and work towards the adoption of important documents of the network. The event expects to attract the participation of National Representatives, Chief Smart City Officers from 26 ASCN cities; guest cities from Japan, Korea, Russia, China, the US , etc., along with high-profile delegates from ASEAN external partners & other international organizations.

ASCN 2020

(*) About ASEAN Smart Cities Network (ASCN)

Established by the ASEAN Leaders at the 32nd ASEAN Summit on 28 April 2018, ASCN (ASEAN Smart Cities Network) is a platform for cities across ASEAN to work together towards the common goal of smart and sustainable urbanisation. The network plans to meet annually to discuss progress on each city's action plan, promote new projects and explore new opportunities with ASEAN's external partners. The meeting was first held in Singapore in 2018 and in Thailand in 2019 for its second edition. 26 ASCN Pilot Cities include: *Bandar Seri Begawan, Battambang, Phnom Penh, Siem Reap, Makassar, Banyuwangi, DKI Jakarta, Luang Prabang, Vientiane, Johor Bahru, Kuala Lumpur, Kota Kinabalu, Kuching, Nay Pyi Taw, Mandalay, Yangon, Cebu City, Davao City, Manila, Singapore, Bangkok, Chonburi, Phuket, Da Nang, Hanoi, and Ho Chi Minh City.*

EVENT BY NUMBERS

EVENT SCHEDULE

22 OCTOBER

08:00 - 12:00

HIGH-LEVEL FORUM ON SMART CITY DEVELOPMENT

13:30 - 17:30 *(The activities run concurrently)*

CONFERENCE SESSION 1
Smart urban planning & governance

CONFERENCE SESSION 2
Developing smart cities with digital technologies

CONFERENCE SESSION 3
Building smart cities towards community, identity and sustainable development

18:30 - 21:30

SITE VISIT & GALA DINNER (*)

23 OCTOBER

08:00 – 12:00 *(The activities run concurrently)*

CONFERENCE SESSION 4
Smart energy: Towards the realization of smart cities

TECH FORUM 1
Smart Transportation

TECH FORUM 2
Connected Infrastructure & cyber security for smart cities

22-23 OCTOBER 2020 | **ONE & HALF DAY EXPO**

(*) By invitation only

WHO WILL ATTEND?

2000+ CONFERENCE DELEGATES AND EXPO VISITORS

BY SECTOR

52% GOVERNMENT

- Central Government
- Ministry/Departments of Construction | Information and Communications | Transport | Science and Technology | Natural resources and Environment | Health ...and other relevant Ministries/Departments
- People's Committees of Central Cities | Provinces
- Urban local bodies and related government agencies
- Cities | Relevant Ministries | Public agencies from ASEAN member states

38% ENTERPRISES

- Construction & Building
- Energy
- Utilities
- Transport & Logistics
- Manufacturing
- Healthcare
- Finance – Banking
- Education
- Telcos & IT

10% OTHERS

- ASEAN Partners
- Embassies
- International & Inter-governmental organizations
- International Associations
- Research Institutes
- Consulting and legal firms
- Universities

BY JOB FUNCTION

55% C-LEVEL

- Chief Smart City Officers from the 26 ASCN cities
- Minister/Deputy Ministers of related ministries in Vietnam &ASEAN
- Chairman/Vice Chairman of People's Committees & Mayors of Cities
- Director/Deputy Director of relevant Departments
- President | CEO | CIO | CTO | CSO | Technical Director | Director of ICT, Strategy…

35% M-LEVEL

- Head of IT | System Administration & Integration |
- Infrastructure | Operation & Maintenance | Digital Transformation | Quality Control | Security | Data Center | Project Management | Manufacturing vs Factory…
- Manger of Urban Planning (Construction, Planning and Architecture) | Urban transport (Transport Management and Operation, Infrastructure Management, Traffic Safety, Vehicles and Driver Management) | Urban Environment (Energy &Water & Waste Management)…

10% E-LEVEL

- Technical experts
- ICT Architect
- Technology/ Strategy/ Operation Consultants
- Urban designer
- Environment/ Electrical system Engineers…

CONFERENCE HIGHLIGHTS

Gathering sharpest minds in the field of urban transformation across the region, **01 high-level Forum, 04 Conference Sessions and 02 Tech Forums** will take a deep dive into pressing issues facing cities on the way to become smarter and more livable.

October 22, 2020 | 8:00 - 12:00

HIGH-LEVEL FORUM

SMART CITIES - TOWARDS THE COMMUNITY, IDENTITY AND SUSTAINABLE DEVELOPMENT FOR AN INTEGRATED AND PROACTIVE ASEAN

- Building smart cities for sustainable development in Vietnam
- Establishing the links between developing smart cities and building digital government
- Defining a smart nation and challenges for next decade: the case study of Singapore
- High level roundtable: Forming the foundation of smart city success

HIGH-LEVEL ROUNDTABLE: CREATING FOUNDATION FOR SUCCESSFUL SMART CITY DEVELOPMENT

Topics of discussion:

- The common vision of ASEAN countries is towards developing smart cities in line with local characteristics, building smart cities based on urban planning and management.
- Ensuring community interests, encouraging public-private partnership, international cooperation and promoting the role of the private sector.
- Improving mechanisms, policies and removing legal barriers to embrace innovation and emerging technologies for smart cities

October 22, 2020

13:30 - 17:30

(The activities run concurrently)

Conference Session 1
SMART URBAN PLANNING AND MANAGEMENT

- Metropolitan planning towards economic growth and sustainable development
- A master plan for Busan Eco Delta Smart City
- Building a comprehensive smart city architecture
- Visualizing the city of tomorrow with 3D GIS technologies
- Construction planning management towards smart city realization in Vietnam

Conference Session 2
DEVELOPING SMART CITIES WITH DIGITAL TECHNOLOGIES

- "Phuket's Smart City vision" on big data and advanced analytical technology
- Transforming smart cities with AI & IoT
- The importance of intelligent operation center for smart cities
- Smart cities of the future & technology solutions
- Building a data integration platform for data driven cities

Conference Session 3
BUILDING SMART CITIES TOWARDS COMMUNITY, IDENTITY AND SUSTAINABLE DEVELOPMENT

- Optimizing the city's resources towards economic growth and environmental sustainability
- Triple helix - Cooperation model for building a sustainable smart city
- How utilities can shape the success of smart cities?
- Application of AI-over-IoT (AioT) in prevention of natural disasters
- Intelligent water and wastewater management for smart cities

October 23, 2020

08:00 -12:00

(The activities run concurrently)

Conference Session 4

SMART ENERGY: TOWARDS THE REALIZATION OF SMART CITIES

- Emerging trends for urban energy transition
- Sustainable energy system for cities
- Renewable energy storage and the future of smart cities
- Optimizing Intelligent lighting system for operational efficiency and cost saving
- Leveraging autonomous Building Energy Management System (BEMS) to achieve energy consumption optimization

Tech Forum 1

DEVELOPING SMART CITIES WITH DIGITAL TECHNOLOGIES

- Driving smart cities with connected mobility solutions
- Disruptive trends transforming urban mobility
- Video surveillance based smart traffic management
- Reducing the congestion and improving urban mobility with Intelligent transport system (ITS)
- Electrification of transport for smart city transformation
- Fleet management solutions for operational efficiency and cost reduction

Tech Forum 2

DEVELOPING SMART CITIES WITH DIGITAL TECHNOLOGIES

- 5G Roadmap: Reconstructing operating models in the 5G era
- Digital infrastructure – the backbone of smart city development
- 5G Hyperconnected Cities and how to achieve them
- IoT, city platform and standards
- Enabling communication technologies for smart cities
- Cyber security risks in complex IoT environments

EXPO HIGHLIGHTS

A PREMIER GATHERING OF SUCCESSFUL REAL-LIFE PROJECTS, LATEST ADVANCEMENTS AND STATE-OF-THE-ART SOLUTIONS FOR URBAN TRANSFORMATION!

SMART PLANNING & GOVERNANCE

- City Information Modeling (CIM)
- Geospatial technology (3D/GIS/GPS)
- E-Government (G2G/G2B/G2C)
- Digital Identity
- City data platform
- Video Conferencing
- Surveillance &Tracking systems/ CCTV/Drones Network solutions
- Disaster Management Solution/ Emergency Response system

DIGITAL TRANSFORMATION

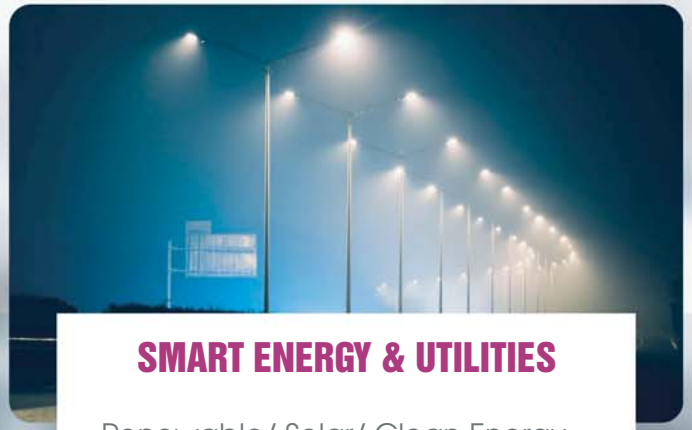
- Network & 5G
- Wireless technologies
- IoT
- Cyber security
- Cloud
- AI
- Big Data & Analytics
- AR/VR
- Digital Twins
- Blockchain
- Digital Signage
- Smart Sensor
- Robotics

SMART TRANSPORTATION

- Connected mobility solutions
- Mobility as a Service (MaaS)
- Public Transportation System
- Intermodal transportation
- Intelligent Transport Management
- Congestion management system
- Smart Parking
- Tunnel & Highway & Bridge Control
- Fleet management system and Telematics Solutions
- Autonomous/Electric Vehicles
- EV Charging Solutions

WHAT TECHNOLOGIES SHOWCASED AT EXPO

Over 50 leading industry exhibitors will display smart city innovations and technologies including Smart planning & governance, Smart Transport, Smart Energy & Utilities, Smart Building, Digital Transformation and Other smart living solutions.



SMART ENERGY & UTILITIES

- Renewable/ Solar/ Clean Energy
- Battery/ Energy Storage
- Energy Saving technologies
- Smart Lighting (solar street lighting/ LED lighting)
- Grid Electricity Management
- Uninterruptible power supply
- Automated Utility Metering
- Water & Wastewater & Solid waste Management System
- Recycling technologies
- Environmental monitoring system
- Air Quality Management System

SMART BUILDING

- Green building technologies
- Building Management System (BMS)
- Building Automation system Control
- Connected building solutions
- Smart Home and Connected home appliances
- HVAC & sensors
- Fire safety
- Video Management System
- Access Control & Intrusion Detection
- Network Infrastructure & Connectivity
- Power Monitoring and Control

OTHER SMART LIVING SOLUTIONS

- Smart work
- Smart Education
- Smart Payment
- Smart Health
- Smart Tourism

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SPONSORSHIP PACKAGES

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For more information about Speaking, Exhibiting and Sponsorship opportunities at ASEAN Smart Cities Summit & Expo 2020, please don't hesitate to contact us.

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