



Cities 4.0

LOCAL ACTION GLOBAL ACHIEVEMENT

20 - 21 September 2022 | 8am - 5pm (GMT+8)

 Royale Chulan Kuala Lumpur, Malaysia



HYBRID
EVENT



Co-Organised by:



www.cities4pointzero.com

OVERVIEW

Local Action, Global Achievement

Countries and cities around the world are embarking on smart city projects to make their countries and cities smarter. But, how are these smart city projects contributing to the UN Sustainable Development Goals?

The UN Sustainable Development Goals (SDGs) is an ambitious global effort to be delivered by 2030 entailing overarching global action on inclusiveness, socio-economic resiliency and environmental protection. Considering cities house half of the world's population and contribute to two-thirds of the global GDPs, our cities are important actors in achieving the Sustainable Development Goals. All 17 cross-cutting SDGs act as urban targets for urban actors when driving action and investment in smart urban development.

It is clear that not all cities will work at the same speed or have similar priorities or even the same starting point. Hence, localizing the SDGs at the local and regional city level becomes pivotal that will encourage and lead cities leaders to embrace the global goals. Given the scale, complexity and interconnectedness of smart city services, cities need integrated strategies, project implementation and sound methods for monitoring and reporting to align to the specific goals.

Why are SDGs important in Smart City Planning?

- Half of humanity (3.5 billion people) lives in cities today and 5 billion people are projected to live in cities by 2030
- 95% of urban expansion takes place in emerging and developing countries
- Cities account for 80% of energy consumption and generate over 70% of GHG emissions
- Rapid urbanization is exerting pressure on urban infrastructures including housing, transport, water, electricity and public health systems
- Shortage of digitally skilled workforces in driving smart economy and smart community transformations
- Access to food could rise significantly in urban areas
- 70% of the world population will be living in urban settlements by 2050

The 5th edition of Cities 4.0 with the overarching theme 'Local Action, Global Achievement' is aimed at facilitating discussions and dialogues on strategies for developing a practical roadmap to localise the SDGs for local actions on project implementation and monitoring. The conference will further discuss strategies in building climate-smart cities ranging from measuring urban greenhouse gas emissions to implementing urban vegetation and smart waste management. Various aspects of technological and capacity development in making the success of smart city will also be discussed by the international experts over the two-day conference.

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Malaysia's Premier Eco-friendly
Sustainable and Green Business Magazine

PETROFINDER
Global Oil & Gas Link



▶ PROGRAM

DAY ONE : 20 SEPTEMBER 2022, TUESDAY

- 08:00AM **Cities 4.0 Registration Begins**
Venue: Royale Chulan Kuala Lumpur
-
- 08:00AM **Exhibition Opens**
Venue: Royale Chulan Kuala Lumpur
-
- 08:30AM **Delegates Take Their Seats at Conference Ballroom**
Venue: Royale Chulan Kuala Lumpur
-
- 08:30AM **Arrival of Distinguished Guests**
-
- 08:45AM **Arrival of the Guest of Honour**

OPENING CEREMONY

- 09:00AM **INTRODUCTORY REMARKS**
Datuk Dr. Abdul Aziz S.A. Kadir, Chairman, Confexhub Group
-
- 09:05AM **WELCOME ADDRESS**
-
- 09:10AM **OPENING ADDRESS AND LAUNCH OF CITIES 4.0 CONFERENCE AND EXHIBITION**
-
- 09:30AM **SPECIAL ADDRESS**
-
- 10:00AM Networking & Refreshments Break

PLENARY SESSION

- 10:30AM **Plenary Address 1: An Overview of the Driving Forces of Smart Cities on Post-Covid**
-
- 11:00AM **Plenary Address 2: The Contribution of Smart Cities to the UN Sustainable Development Goals**
-
- 11:30PM **Plenary Address 3: Technology Enablers vs Roadblocks to Smart Cities**
-
- 12:00PM **Plenary Address 4: Reimagining Education for Smart City Delivery**
-
- 12:30PM Luncheon for Guest Speakers and Delegates

*This Program is subjected to change and for updated program, please logon on to www.cities4pointzero.com Program @ 22 August 2022

▶ PROGRAM

SESSION ONE : STRATEGIC SDG SENSEMAKING FOR CITIES

- 01:30PM **Paper 1: Setting the Context: SDG Localisation in Asia and the Pacific**
-
- 02:00PM **Paper 2: Roadmap for Localising the Sustainable Development Goals: What Local Governments Need to Know**
-
- 02:30PM **Paper 3: The OECD Measurement Framework and Data for Measuring Distance to SDGs In Regions And Cities**
-
- 03:00PM Open Forum: Questions and Answers
-
- 03:15PM Networking & Refreshments Break

SESSION TWO: BUILDING CLIMATE-SMART CITIES

- 03:45PM **Paper 4: How Should Cities Measure Their Greenhouse Gas Emission?**
-
- 04:15 PM **Paper 5: The ‘Need-based’ Approach of Greenspace and Urban Vegetation Planning in Modern Compact Cities**
-
- 04:45 PM **Paper 6: Strategies to Improve Urban Energy-efficiency for Urban Resilience**
-
- 05:15 PM **Paper 7: Smart Waste Management Solutions for Climate-Smart Cities**
-
- 05:45 PM Open Forum: Questions and Answers
- 06:00 PM End of Session

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▶ PROGRAM

DAY TWO: 21 SEPTEMBER 2022, WEDNESDAY

09:00AM **Cities 4.0 Leadership Forum: The Grand Challenges and Strategies in Preparing the Citizens of the Future**

10:30AM Networking & Refreshments Break

SESSION THREE: HUMAN-CENTRED SMART CITIES

11:10AM **Paper 8: Citizenship Skills in Meeting Smart Cities Agenda**

11:30AM **Paper 9: Building Digital Citizen through Experiential, Interactive & Personalised Learning**

12:00PM **Paper 10: Smart Workforce: Talent Development Strategies for Knowledge Workers**

12:30PM Open Forum: Questions and Answers

12:45PM Luncheon for Guest Speakers and Delegates

SESSION FOUR: SMART CITIES TECHNOLOGY DRIVERS & HEADWINDS

01:45PM **Paper 11: Bridging the Interoperability Gap in A Smart City**

02:15PM **Paper 12: Cybersecurity Strategy for Smart Cities**

02:45PM **Paper 13: Urban Artificial Intelligence: Reshaping City's Operation, Management and Forecasting**

03:15PM Open Forum: Questions and Answers

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▶ PROGRAM

SESSION FIVE: SMART CITY FEATURES WITH PURPOSE

03:30PM	Paper 14: Distributed Infrastructure and Edge Computing for Integrated and Responsive Smart Cities
04:00PM	Paper 15: Mobility: Intermodal, Intelligent, Green and Sustainable
04:30PM	Paper 16: Transformation Towards An Integrated and Self-Sustaining Food Supply Chain
05:00PM	Paper 17: The Changing Face of Retail in the Low Touch Economy
05:30PM	Open Forum: Questions and Answers
05:45PM	CITIES 4.0 CONFERENCE 2022 ENDS

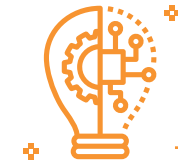
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REASONS WHY YOU SHOULD NOT MISS THIS



UNDERSTAND THE FUTURE TRENDS

Hear from inspiring urban futurist and business innovators on new technologies & applications



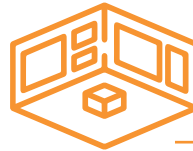
COMPREHENSIVE CONTENT

Updated information reflecting your most concerned issues in developing smart, resilient and sustainable cities



DISTINGUISHED PRESENTERS

Renowned best practitioners, industry leaders and innovators sharing insights



EXTENSIVE SHOWCASE

Discover new and innovative technologies and services within cities for social good, sustainability, resilience and equity



PREMIUM NETWORKING

Unrivalled networking and exchange of experiences across 15+ countries



BUSINESS OPPORTUNITY

Explore potential collaborations and with 300+ local and international industry stakeholders



SPONSORSHIP PACKAGE IN A GLANCE

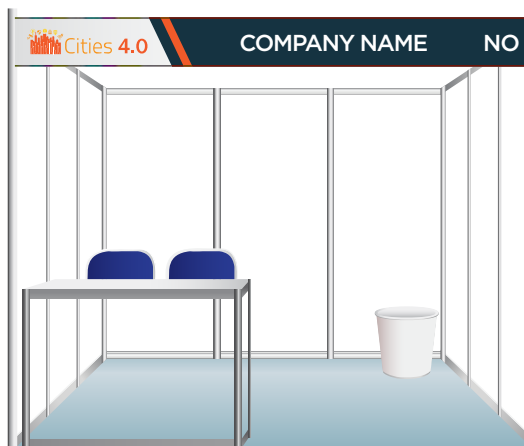
Increase your organisation's visibility with key decision makers before, during and after the event.

	Titanium	Platinum	Gold	Silver	Luncheon	Refreshment	Conference Session	Conference Bag	Lanyard
Logo on Conference Collateral	✓	✓	✓	✓	✓	✓	✓	✓	✓
Logo on A& P Material	✓	✓	✓	✓	✓	✓	✓	✓	✓
Logo on Backdrop & Signage	✓	✓	✓	✓	✓	✓	✓	✓	✓
Logo on Live Broadcast Platform	✓	✓							
Running Ticker on Live Broadcast Platform	✓	✓							
Logo on Virtual Expo Foyer	✓	✓	✓						
Speaking Slot	✓	✓					✓		
Forum Panelist	✓								
'Expert Insight @ Live' Exclusive Interview	✓	✓	✓						
Physical Booth	12 sqm raw	6 sqm	6 sqm	6 sqm					
Virtual Booth	Premium	Premium	Premium	Standard	Standard	Standard	Standard	Standard	Standard
1-min Corporate Video broadcast	✓	✓							
Special Recognition from Podium					✓	✓	✓		
Conference Pass	5	3	2	2	2		2	2	
Exhibitor Pass	2	2							
Logo on Website	✓	✓	✓	✓	✓	✓	✓	✓	✓
Leaderboard Banner on website	✓	✓	✓						
Advertorial on e-magazine	3-pages	3-pages	3-pages	2-pages	2-pages	2-pages	2-pages	2-pages	2-pages
Recognition on Social Media	✓	✓	✓	✓	✓	✓	✓	✓	✓
Web banner on www.confexhub.com	✓	✓	✓	✓	✓	✓	✓	✓	✓

Physical Exhibition Booth	USD
Space Only (min 6sqm)	350 / sqm
Standard Shell Scheme (6sqm)	3,500
Display Kiosk (1m)	1,500

Standard Booth Inclusive of:

- White polyester laminated panels for back wall and fascia board
- Advertise exhibitor's name and booth number on the fascia board
- Fluorescent lights
- Information counter
- Folding Chair
- Waste Basket



Display Kiosk

*Virtual Exhibition Packages in A Glance

	USD 800	USD 500	USD 300
	Premium	Standard	Basic
Booth @ Virtual Expo (Valid for 12 months)*	1st tier	2nd tier	3rd tier
Conference Log-in	2	1	1
Dedicated Company Info Page	✓	✓	✓
Logo on Company Info Page	✓	✓	✓
Video Presentation on Company Info Page	✓	✓	
Images on Company Info page	8	6	4
Logo & Profile on Conference Website	✓	✓	✓
Logo & Recognition via Conference Social Media Platforms	✓	✓	✓

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WHO SHOULD SPONSOR / EXHIBIT:



Smart Government

Web-base / PBT e-governance applications

- HR system
- Finance system
- Acquisition system

Web-base / PBT e-services applications

- Complain system
- Hire purchase system
- License application system

GIS system

- Urban observatory
- GeoLicensing
- GeoHealth
- GeoLandscape
- GeoSolidwaste
- GeoEnforcement
- GeoTransport
- GeoBuilding
- GeoEngineering
- GeoCommunity
- GeoCoMs
- GeoRiver



Smart Mobility

- Pedestrian / bicycle lane including 'Glow in the dark' tracks
- Traffic Management
- Intelligent Transportation Management system (e.g. IT IS, command Centre) to improve standard and efficiencies of traffic flow
- Smart Traffic Light
- Smart Parking
- Parking Guidance Information System
- Parking Apps
- Smart Vehicles
- Electric Vehicle
- Charing Station
- Bike sharing
- Public Transport System
- E-ticketing
- Smart Terminal
- E-hailing
- Transit & Traffic Information System



Smart Digital Infrastructure

- Broadband provision: 4G/5G/WiFi
- In Building Coverage
- Community Internet Centre
- Telco towers
- Internet / communication infrastructure
- Personal Data Protection
- Cyber Security
- Firewall and antivirus applications



Smart Economy

- Digital Economy / cashless payment for public services through
- Online payment
- Mobile apps
- E-wallet
- Kiosk
- Smart Tourism
- Smart tourist Apps; e-ticket; e-book
- Smart Information
- Push Notification
- Live Streaming 360
- Virtual Tourist Guide



Smart Environment

- **Disaster Management**
 - Flood alert system & CCTV
 - Real-time data integration with command centre
- **Drone / UAV**
 - UAV-monitoring mosquito breeding control work for low-cost housing
 - UAV-investigation on illegal landfill and cleaning work planning
 - UAV-investigation on illegal building modification
- **Green space / Tree Planting**
 - Tree Planting campaign
 - Tree Inventory Web Application
- **Low Carbon Initiatives**
 - Car-Free Day
 - Smart Lighting
 - Building Retrofitting Programme
 - Solar building
 - Solar Lighting
- **Green Neighbourhood**
 - Green Neighbourhood Programme
- **Muninets**
 - MUNIINet – Sustainable City Indicator
- **Environmental Management**
 - Smart Water Management
 - Air Pollution Monitoring System
 - Environment IoT Sensor
 - Smart Water Meter
- **Sustainable City**
 - Sustainable city planning, design and lifestyle
- **Waste Management**
 - Compost
 - 3R projects
 - Smart Bin
 - Smart Waste Management
 - GPS tracking for Garbage Truck
 - Waste-to-energy
 - Biogas
- **SPAH**
 - Rain Harvesting system



Smart Living

- Safe City / command Center / Integrated Operation Centre
- Safe city program
- CPTED
- CCTV
- Panic button
- Integrated Operation Center / Command Center
- Crime Prevention Community
- Smart sensors for vandalism
- Crime Mapping
- Dashboard / real time data
- Video Analytics
- Digital Health / Medical
- Health Apps (MySejahtera, Covidtrace, e-health, e-clinic)
- Telemedical Apps (geo location facilities, health information, tele-communication)
- Upgrading of Housing / Infrastructure
- Smart Building / Smart Home
- Building Retrofitting (solar, SPAH, LED Light, Park / landscape, 3R, roof top garden)
- Smart home system (sensors, solar panel, smart card access wi-fi, phone coverage, smart TV, CCTV, Home watch by smartphone)
- Smart Pole
- Public Park and Recreation
- Smart Public Park
- Urban Farming
- Solar-powered Farm
- Community Farm



Smart People

- Digital Information Board for public and tourist
- Local Agenda 21 Program
- Community Empowerment program
- Industry engagement program
- Digital library
- Digital learning & education
- LED display billboard program

REGISTRATION FORM



Title Mr. Mrs. Ms. Dr. Others (specify) : _____

Name (as per passport)* _____

Name (to be appeared on conference badge) _____

Email* _____

Passport No. _____ Date of Issue D D / M M / Y Y Y Y

Country of Issue _____ Expiry Date D D / M M / Y Y Y Y

Job Title* _____

Company* _____

Address* _____

City/State _____ Postcode _____

Country _____

Telephone* _____ Fax* _____

Mobile Number* _____

*(Please include country and area code)

FEE PER DELEGATE

PRICE

Physical Conference Pass

USD 450

Virtual Conference Login ID

USD 300

* fees are subjected to additional 6% SST

PAYMENT

Full payment is required with your Registration Form before the Conference day. Tax-Receipt will only be issued upon receipt of full payment.

All payments should be made in USD (\$) by credit card, telegraphic transfer or cash only

All registrations by fax or post MUST reach us before 1 September 2022, after which late registrations will be considered as "WALK-INS" and subjected to "WALK-IN" fee.

PARTICIPATION TERMS AND CONDITIONS

Delegates may be substituted at any time, in writing, at NO extra charge.

Cancellations received in writing before 1 August 2022 will be refunded, less a 100 USD administrative fee. Cancellations received thereafter are not refundable.

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Should the event and all its related activities be cancelled, curtailed or adversely affected by any cause not within the reasonable control of Confexhub including but not limited to war, fire, national emergency, labor dispute, strike, lock-out, civil disturbance, Act of God, or non-availability of premises for any reason, Confexhub shall be under no obligation to refund all or part of the sums paid by the delegate in respect of his/her participation in the workshop. Confexhub shall be under no liability to the delegate or any other person in respect of any actions, proceedings, claims, demands, losses (including consequential losses), costs or expenses whatsoever which may be brought against or suffered or incurred by the delegate as the result thereof.

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**Cities 4.0 2022 Secretariat
c/o Confexhub Group**

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