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Global
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Swedish
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International
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AFRICAN DEVELOPMENT BANK GROUP
GROUPE DE LA BANQUE AFRICAINE
DE DEVELOPPEMENT



WORLD OCEAN COUNCIL
The International Business Alliance
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Draft Programme

- OBSERVANCE OF “WORLD CITIES DAY 2021” -

**The 16th Annual Session of
Global Forum on Human Settlements
&
Sustainable Cities And Human Settlements
Awards Ceremony
(GFHS 2021)**

Theme:

**Accelerate Green Transformation and Innovation
towards Healthy, Resilient and Carbon-neutral Cities**

Date: October 27 - 29, 2021

Format: Online Forum+ Live Streaming

Co-organized by

Global Forum on Human Settlements (GFHS)

World Meteorological Organization (WMO)

United Nations Conference on Trade and Development (UNCTAD)

United Nations Centre for Regional Development (UNCRD)

Global Green Growth Institute (GGGI)

World Wildlife Fund (WWF)

In Collaboration With

United Nations Development Programme (UNDP)

United Nations Economic and Social Commission in Asia and the Pacific (UNESCAP)

United Nations Economic Commission for Africa (UNECA)

United Nations Office for Disaster Risk Reduction (UNDRR)

United Nations Industrial Development Organization (UNIDO)

United Nations Convention on Biological Diversity (UNCBD)

Asian Development Bank (ADB) African Development Bank (AfDB)

UNEP Finance Initiative (UNEP-FI) Swedish Energy Agency (SEA)

International Union for Conservation of Nature (IUCN)

International Ocean Institute (IOI) International Science Council (ISC)

International Initiative for a Sustainable Built Environment (iiSBE)

International Council for Research and Innovation in Building and Construction (CIB)

Habitat For Humanity International (HFHI) Architecture 2030

World Ocean Council (WOC) Universal Peace Federation (UPF)

World Association of Non-Governmental Organizations (WANGO)

ZOOM Meeting ID and Live Streaming Channels

1. There are 8 parallel sessions at this year's forum, so two rooms will be opened up.
2. All plenary sessions and thematic session A will be taking place on Room A.
3. Thematic session B will be on Room B.
4. Please refer to the following agenda for more details.
5. Open your Zoom software or click the link below to enter the meeting room with respective Zoom ID.

Room A

Invite Link: <https://us02web.zoom.us/j/85484752866?pwd=dFlUZWJiZUxkSHZTWG9ibU5OQ0JBQT09>

Meeting ID: 854 8475 2866

Passcode: 758483

Room B

Invite Link: <https://zoom.us/j/82694481701?pwd=cZSMChL2s3YXFuTEVnczgxR2xxdz09>

Meeting ID: 826 9448 1701

Passcode: 981292

6. The forum will be live streamed on YouTube with two sections:

Watch live 1: Plenary Sessions, Thematic Session A and Awards Ceremony

<https://www.youtube.com/watch?v=obE-ocAyEdc>

Watch live 2: Thematic forum B

<https://www.youtube.com/watch?v=46sQ9JMzMo4>

Day 1: 27 October 2021, Wednesday

Central European Summer Time/Place	Main Activity	Leading Organization
09:30-10:40 Room A	Opening Session	Co-organizers
	<p>Moderator: Dr. Elena Manaenkova, Deputy Secretary-General, World Meteorological Organization</p> <ul style="list-style-type: none"> ♦ Ambassador Anwarul K. Chowdhury, Chairman of Global Forum on Human Settlements, Former UN Under-Secretary-General and High Representative ♦ Prof. Petteri Taalas, Secretary General, World Meteorological Organization ♦ Elizabeth Maruma Mrema, Executive Secretary of the Convention on Biological Diversity ♦ Dr. Bambang Susantono, Vice President for Knowledge Management & Sustainable Development, Asian Development Bank ♦ Marco Lambertini, Director General, WWF International ♦ Kazushige Endo, Director, United Nations Centre for Regional Development ♦ Launching Ceremony for <i>The Collection of Global Forum on Human Settlements</i> 	
10:50-12:20 Room A	<p align="center">Keynote Speech</p> <p align="center">Accelerate Green Transformation and Innovation towards Healthy, Resilient and Carbon-neutral Cities</p>	Co-organizers
	<p>Moderator: Haifeng Lu, Secretary General, Global Forum on Human Settlements</p> <p>Speakers:</p> <ul style="list-style-type: none"> ♦ Dr. Frank Rijsberman, Director General, Global Green Growth Institute <i>Title: Mobilizing Finance to Implement Climate-Resilient Green Cities in Developing Countries</i> ♦ Dr. Kevin Kanina Kariuki, Vice President for Power, Energy, Climate and Green Growth, African Development Bank Group 	

	<p><i>Title: Towards low-carbon climate-resilient development in Africa: Role of the African Development Bank</i></p> <ul style="list-style-type: none"> ♦ Dr. Stefanos Fotiou, Director, Office of Sustainable Development Goals, FAO <p><i>Title: Agricultural value chains and urban sustainability</i></p> <ul style="list-style-type: none"> ♦ Loretta Hieber Girardet, Chief of Risk Knowledge, Monitoring and Capacity Development at United Nations Office for Disaster Risk Reduction (UNDRR) <p><i>Title: Leave No Cities Behind</i></p> <ul style="list-style-type: none"> ♦ Soumaya Ben Dhaou, Research Coordinator, United Nations University (UNU-EGOV) <p><i>Title: Blockchain for innovative and sustainable cities: Implications of the transformative technology</i></p> <ul style="list-style-type: none"> ♦ Jiacao Rinpoche, Chairman, International Buddhist Youth Leaders Alliance, Initiator of Charity Fund under China Population Welfare Foundation <p><i>Title: Heart is the root of building livability for humans</i></p>	
13:00-14:30 Room A	<p>High-level Dialogue</p> <p>Renewable Energy Systems and Carbon-neutral Cities</p>	Co-organizers
	<p>Moderator: Arab Hoballah, Senior Sustainability Expert, former Chief, Sustainable Consumption and Production, UNEP</p> <hr/> <p>Panelists:</p> <ul style="list-style-type: none"> ♦ Dr. Robert Andr��n, Director General, The Swedish Energy Agency (SEA) ♦ Jean-Paul Adam, Director, Technology, Climate Change and Natural Resource Management Division, United Nations Economic Commission for Africa ♦ Dr. Rodolfo Lacy, Director of the Environment Directorate, Organisation for Economic Co-operation and Development (OECD) ♦ Tareq Emtairah, Director, Department of Energy, United Nations Industrial Development Organization (UNIDO) ♦ Chen Ying, Researcher, Institute of Ecological Civilization, Chinese Academy of Social Sciences ♦ Dr. Nuki Agya Utama, Executive Director at ASEAN Centre for Energy 	

	♦ Edward Mazria, Founder and CEO, Architecture 2030	
14:40-16:10 Room A	Mayors' Panel Innovations and Practices towards Healthy, Resilient and Carbon-neutral Cities	ESCAP
	<p>Moderator: Curt Garrigan, Chief, Sustainable Urban Development Section, Environment and Development Division, UNESCAP</p> <hr/> <p>Panelists:</p> <ul style="list-style-type: none"> ♦ Ramon Torra, Chief Executive Officer, Barcelona Metropolitan Area, Spain ♦ Dawood Abdul Rahman Al-Hajri, Director General, Dubai Municipality, United Arab Emirates ♦ Cllr. Nicola Beech, Cabinet Member with responsibility for Climate, Ecology, Waste and Energy, Bristol City Council, United Kingdom ♦ Pekka Timonen, Mayor, City of Lahti, Finland ♦ William Dau Chamat, Mayor, Cartagena de Indias, Colombia ♦ Noraini Roslan, Mayor, Subang Jaya, Malaysia <p>Q&A</p>	

Day 2: 28 October 2021, Thursday

Central European Summer Time/Place	Main Activity	Leading Organization
09:30-11:00 Room A	Thematic Session 1A Managing Urban Hydrology and Integrated Water Resources Management (IWRM): The Technical Challenges and Opportunities	WMO
	<p>Moderator: Dr Yuri Simonov, Chair of the WMO Standing Committee on Hydrological Services (SC-HYD) and Vice-president of Commission for Weather, Water, Climate and Environmental Services (SERCOM)</p> <hr/> <p>Speakers:</p> <ul style="list-style-type: none"> ♦ Prof Marcelo Uriburu Quirno, National Commission on Space Activities (CONAE, Argentina), Vice Chair of SC-HYD, 	

	<p>Adjunct Professor at the University of Buenos Aires (UBA)</p> <p><i>Title: Introduction on IWRM</i></p> <ul style="list-style-type: none"> ♦ Dr Hwirin Kim, Head, Hydrology and Water Resources Services Division, WMO <p><i>Title: Presentation on WMO Activities</i></p> <ul style="list-style-type: none"> ♦ Ms Angela Corina, Department of Civil Protection, Italy and Regional Hydrological Adviser for WMO-Regional Association VI -Europe ♦ Mr Guy Reshef, Deputy Director General, Head of Israel Hydrological Service and Member of the WMO SC-HYD ♦ Dr. Syed Mohammed Afaq Moin, Technical expert with International Joint Commission <p><i>Title: Sharing their National experiences on managing Urban Hydrology and IWRM</i></p> <ul style="list-style-type: none"> ♦ Ms Ji youn Sung, Han River Flood Control Office, South Korea and Member of the WMO SC-HYD <p><i>Title: Presentation on South Korea IWRM</i></p> <ul style="list-style-type: none"> ♦ Dr Valentin Aich, Senior Water and Climate Specialist, GWP <p><i>Title: Presentation on GWP initiatives on IWRM strategies and Volta project mainly as integrated approach to flood and drought management</i></p> <ul style="list-style-type: none"> ♦ Mr Mariano Re, National Water Institute, Argentina <p><i>Title: Presentation on Building an urban flood early warning system from scratch</i></p> <p>Q&A</p> <ul style="list-style-type: none"> ♦ <i>How can practitioners of flood management be made aware of the needs of drought management and vice versa to design a holistic approach to IWRM? How can the awareness and coordination for the hydroclimatic extreme be raised on a technical level?</i> ♦ <i>How can we better bridge the gap between science and applied flood and drought management practices to guide the integration of water resources management?</i> ♦ <i>Could project calls and other financing mechanisms be made more inclusive of IWRM?</i> 	
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09:30-11:00 Room B	Thematic Session 1B International Green Model City Initiative: creating global pilot demonstration areas of carbon neutrality	GFHS
	<p>Moderator: Christine Lian Ho, Deputy Secretary General, Global Forum on Human Settlements</p> <hr/> <p>Speakers:</p> <ul style="list-style-type: none"> ♦ Serge Salat, President, Urban Morphology and Complex Systems Institute, Paris, France, Leading Expert of International Green Model City Standards 3.0 <i>Title: Context, Design, Integration in an IGMC Pilot: French Dream Town in Hangzhou</i> ♦ Gorka Urtaran Agirre, Mayor, City of Vitoria-Gasteiz, Spain <i>Title: Climate Neutral Cities: Thoughts from Vitoria-Gasteiz</i> ♦ Alexander R. Jachnow, Head of Urban Strategies and Planning, Institute for Housing and Urban Development Studies, Erasmus University Rotterdam <i>Title: Tactical urbanism: how to plan towards carbon neutrality</i> ♦ Fu Yongwei, Mayor, City of Jiande, Zhejiang Province, China <i>Title: Strive for green development and build a livable city</i> ♦ Hu Jianxin, Former Chief Sustainability Officer, China Merchants Shekou, Chairman of Green Designers Committee, China Association of Building Energy Efficiency <i>Title: China's "dual carbon" goals will change the growth logic of real estate industry</i> ♦ Charles Lu, Senior Manager of Strategic and Public Affairs of Overseas Division, Country Garden Group <i>Title: Exploration & Practices of Forest City in an Effort to Promote a Sustainable & Carbon Neutral Development</i> <p>Commentators:</p> <ul style="list-style-type: none"> ♦ Alex Camprubi, Vice Chairman, International Landscape Design Industry Association ♦ Yu Qing, Design Manager, CSCEC (Shanghai) New Urbanization Investment Development Co., Ltd. <p>Q&A</p>	
11:10-12:40 Room B	Thematic Session 2B A Sustainable Blue Economy to Support the Green Transformation of Cities	IOI UNCTAD WOC

	<p>Moderator: Antonella Vassallo, Managing Director, International Ocean Institute Headquarters</p> <p>Speakers:</p> <ul style="list-style-type: none"> ♦ Dr. Awni Behnam, Fmr. United Nations Assistant Secretary General, Hon. President, International Ocean Institute, Affiliate Professor, University of Malta <i>Title: Anticipating the Global Threat of Sea Level Rise</i> ♦ Dr. Robert Farrugia, Scientist, Institute for Sustainable Energy, University of Malta, Malta <i>Title: Powering Green Cities with Renewable Energy from the Ocean</i> ♦ David Vivas Eugui, Legal Officer at Officer of the Director, Division on International Trade and Commodities, UNCTAD <i>Title: Trade in Ocean-Based Goods and Services: Classification, Trends and Market Access</i> ♦ Regina Asariotis, Chief, Policy and Legislation Section, Trade Logistics Branch, Division on Technology and Logistics, UNCTAD <i>Title: Maritime Transport and Ports: Adapting to and Mitigating the Climate Challenge</i> ♦ Ratana Chuenpagdee, Professor, Department of Geography, Memorial University of Newfoundland, St. John's, NL <i>Title: Fish in the City: Small-scale fisheries contribution to climate-friendly food and sustainable cities</i> ♦ Shakeel T Bhatti, Counsellor, Traditional Knowledge Division, World Intellectual Property Organization <i>Title: Marine Genetic Resources: Intellectual Property, Sustainable Use, Access and Benefit Sharing</i> <p>Q&A</p>	
12:50-14:20 Room B	<p>Thematic Session 3B</p> <p>Local pathways to net zero emissions and a resilient future</p>	GFHS
	<p>Moderator: Ralph Wahnschafft, Independent Advisor on Sustainable Development Policies, GFHS</p>	
	<p>Speakers:</p> <ul style="list-style-type: none"> ♦ Chantal van Ham, EU Programme Manager Nature Based Solutions and Acting Director, IUCN 	

	<ul style="list-style-type: none"> ♦ Dr. Peter Gotsch, Professor for Sustainable Urban Development in the Global South Urban Ecological Planning, Norwegian University of Science and Technology <i>Title: The Role of Urban Ecological Planning in Achieving Zero Emissions and Resilient Future</i> ♦ Kotchakorn Voraakhom, CEO and Founder, Porous City Network, Thailand <i>Title: Chulalongkorn Centenary Park, the Flood-Proof Park: The first green infrastructure park of Bangkok</i> ♦ Eleni Andreadis, Group Director of Sustainability and CSR, Sani Resort, Greece <i>Title: The Sani/Ikos Hotel Group ESG Strategy: Building a resilient, net zero future</i> ♦ Arch. Rafi Rich, CEO, SuiTS Smarter Urban iT& Strategies LTD, Israel <i>Title: Localized net zero strategies: Smart, Circular & Shared</i> ♦ Pam O'Connor, Former Mayor, Santa Monica, Director, Metrolink, Southern California Regional Rail Authority, USA ♦ Franz Gatzweiler, Executive Director, International Science Council Programme on A Systems Approach to Urban Health and Wellbeing <i>Title: A new science plan for urban health and wellbeing</i> <p>Commentators:</p> <ul style="list-style-type: none"> ♦ Hong Tiecheng, Member of Planning and Design Committee at Global Forum on Human Settlements, Member of the Expert Committee of China Folk Architecture Research Association ♦ Tang Weiwei, Head, Urban Construction Branch, Wuxi Architectural Design and Research Institute, Jiangsu, China <p>Q&A</p>	
14:30-16:00 Room B	Thematic Session 4B Towards Future-proof Buildings and Neighbourhoods	iiSBE
	<p>Moderator: Nils Larsson, Executive Director, International Initiative for a Sustainable Built Environment (iiSBE)</p> <hr/> <p>Speakers:</p> <ul style="list-style-type: none"> ♦ Katerina Tsikaloudaki, Associate Professor, Lab. of Building Construction and Building Physics, Civil Engineering Dep., Aristotle University of Thessaloniki, Greece 	

	<p><i>Title: Reconsidering existing buildings as accelerators for sustainability and resilience</i></p> <ul style="list-style-type: none"> ♦ Jia Beisi, Professor of University of Hong Kong <i>Title: Open Building in the community, building and functional design, targeting on long life spans and sustainability</i> ♦ Daniel Pearl, Professor of Architecture, Université de Montréal, Canada <i>Title: Future-proofing neighbourhoods</i> ♦ Joseph Yenyi Li, Professor and Dean of Research, ShuTe University, Taiwan <i>Title: Urban development strategy and evaluation mechanism</i> ♦ Jiang Quan, Chief Engineer at China Building Material Test & Certification Group (CTC), President of Green Product Certification Institute <i>Title: Impact of Building Materials on Carbon Emissions and Longevity of Buildings</i> ♦ Jiri Skopek, Chair Smart Building Supercluster, NIST Global City Team Challenge (GCTC) <i>Title: School as a Community Resilience Hub</i> <p>Q&A</p>	
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Day 3: 29 October 2021, Friday

Central European Summer Time/Place	Main Activity	Leading Organization
09:30-11:00 Room A	Thematic Session 5A Healthy, Smart and Resilient Cities and Communities	GGGI
	<p>Moderator: Christina Cheong, Green City Specialist, Global Green Growth Institute</p> <p>Keynote Speaker: Mr Edward Kyazze, Director General for Urbanisation, Human Settlements and Housing Development, Rwandan Ministry of Infrastructure</p> <p>Panel 1: Approaches and tools for sustainable cities</p> <p>Moderator: Dr Rene Hohmann, Head of Global Programmes, Cities</p>	

	<p>Alliance.</p> <p>Panel Speakers:</p> <ul style="list-style-type: none"> ♦ Mr Riccardo Amoroso, Head of e-City at Enel X, Italy <i>Title: The role of Enel X in energy transition: empowering cities for a sustainable future</i> ♦ Mr Chang Sun Jang, Sustainable Transport Lead, GGGI. ♦ Ms Desi Vicianna, Government Partnership Coordinator, UN Pulse Lab Indonesia ♦ Ms Kobie Brand, Deputy Secretary General, ICLEI and Regional Director, ICLEI Africa <p>Q&A</p> <p>Panel 2: City Perspectives on digital applications for health and resilience</p> <p>Moderator: Mr Marshall Brown, GGGI</p> <ul style="list-style-type: none"> • Mr. Ky Vyrin, Director, Department of Public Works and Transport, Siem Reap City, Cambodia ♦ Dr. H. Andi Harun, Mayor, Samarinda, Indonesia ♦ Mr. Le Vinh Chien, Deputy Director, Center of Information Technology, Thua Thien Hue, Vietnam ♦ Mr. Ruben Cadavid Marín, Director, Digital Business Cluster Chamber of Commerce, Medellin, Colombia <p>Q&A</p>	
<p>09:30-11:00</p> <p>Room B</p>	<p>Thematic Session 5B</p> <p>Nature-based Solutions for Climate-resilient Cities</p>	<p>WWF</p>
	<p>Coordinator: Dr. Jennifer Lenhart, Global Lead, WWF Cities</p> <p>Moderator: Ingrid Coetzee, ICLEI Cities Biodiversity Center</p> <hr/> <p>Keynote Speaker:</p> <ul style="list-style-type: none"> ♦ Russell Galt, Head, IUCN Urban Alliance <p>Panel : Global Dialogue on Urban NbS</p> <ul style="list-style-type: none"> ♦ Prof. Harriet Bulkeley, Durham University ♦ Oli Brown, Associate Fellow with Energy, Environment and Resources Programme, Chatham House ♦ Cristina Gómez García-Reyes, Project Fellow, BiodiverCities by 2030 Initiative, World Economic Forum ♦ Dr. Lena Chan, Senior Director, International Biodiversity Conservation Division, National Parks Board, Singapore <p>Commentator:</p>	

	<ul style="list-style-type: none"> ♦ Rebecca Ilunga, C40 Adaptation Network Manager Q&A	
11:10-12:40 Room A	Thematic Session 6A Circular Economy and Zero-Waste Cities	UNCRD
	<p>Moderator: Choudhury Rudra Charan Mohanty, Coordinator of Environment Programme, UNCRD/DSDG-UN DESA</p> <hr/> <p>Speakers:</p> <ul style="list-style-type: none"> ♦ Dr. Ren éVan Berkel, United Nations Industrial Development Organization (UNIDO) Representative, Regional Office in India <i>Title: Greening industries and SMEs towards circular economy and zero waste societies – Implications towards SDGs</i> ♦ Dr. Keisuke Nansai, Research Director, Material Flow Innovation Research Program, National Institute for Environmental Studies (NIES), Japan <i>Title: Advancing system research towards decarbonised circular economy</i> ♦ Arthur Huang, Founder & CEO at MINIWIZ, Taiwan Province of China <i>Title: The Need for Sexy Trash</i> ♦ Mr. Hemant Choudhary, Founder & ED, Circular Economy Alliance Australia, Adelaide, SA, Australia <i>Title: Advancing circular economy and zero waste societies – Practical cases of South Australia</i> ♦ Prof. C. Visvanathan, Asian Institute of Technology, Thailand <i>Title: Emerging Circular Economy Technologies in 7 Different Cities</i> ♦ Prof. Sadhan Kumar Ghosh, International Society of Waste Management, Air and Water (ISWMAW) and IPLA – a SDG Partnership, India <i>Title: Institutional issues in advancing circular economy – international experiences</i> ♦ Dr. Sunil Herat Associate Professor, Griffith University, Australia <i>Title: Circular economic utilization of e-wastes – international experiences</i> <p>Commentators:</p> <ul style="list-style-type: none"> ♦ Prof. Jinhui Li, Executive Director of Basel Convention 	

	<p>Regional Center for Asia and the Pacific (BCRC), Tsinghua University, Beijing, PR China (tbc)</p> <ul style="list-style-type: none"> ♦ Mr. K.D. Bhardwaj, Regional Director and Head, International Services, National Productivity Council, India ♦ Prof. Dr. Agamuthu Pariatamby, FASc (Malaysia), Professor, Jeffrey Sachs Center on Sustainable Development, Sunway University, High Level End Foreign Expert, Ministry of Science and Technology, PR China ♦ Dr. Kulwant Singh, CEO, 3R Waste Foundation, India <p>Discussion Questions for Commentators& Speakers:</p> <ul style="list-style-type: none"> ♦ <i>What should be the defining features of – (a) inter-agency cooperation (among line Ministries (horizontal) and between national and city government (vertical); (b) institutional mechanism; and (c) public-private-partnerships (PPP) in advancing circular economy and zero waste cities?</i> ♦ <i>How can we better engage scientific community or strengthen science-policy interface towards advancing circulation economy?</i> ♦ <i>What is our policy and scientific insight to the role of circular economy in protecting the urban ecosystem and enhancing resiliency of cities against the climatic impacts, increasing frequency and magnitude of natural disasters and health emergencies like COVID-19 pandemic?</i> <p>Q&A</p>	
12:50-13:40 Room A	Summary and Recommendation	
	<p>Moderator: Dr. Taj Hamad, Vice Chairman of Global Forum on Human Settlements, International Vice President, Universal Peace Federation International</p> <hr/> <p>Summaries from thematic session moderators</p> <p>Closing remarks by co-organizer</p> <ul style="list-style-type: none"> ♦ Haifeng Lu, Secretary General, Global Forum on Human Settlements 	
14:30-15:30 Room A	Sustainable Cities And Human Settlements Awards Ceremony 2021	GFHS

