

AGENDA*

“BRIDGE for Cities 4.0” event *Connecting Cities through the New Industrial Revolution*

3 and 4 September 2019
Vienna International Centre
Vienna, Austria

3 September 2019	
From 08:00 onwards	<p style="text-align: center;">Registration</p> <p><i>Gate 1, Vienna International Centre (VIC)</i></p> <ul style="list-style-type: none"> • Security check through Gate 1 of the VIC. • Collection of conference bags and badges: <ul style="list-style-type: none"> ○ All registered <u>speakers</u> and <u>general participants</u> can collect their badges from the “Registration Desk” in the lobby of Gate 1. All <u>speakers</u> can also collect their bags from the “Registration Desk”. ○ All <u>general participants</u> can collect their bags from the “Information Desk” in front of Boardroom D, 4th Floor, Building C. • Registration for the Permanent Missions will take place at the Infodesk in front of Boardroom D, 4th floor, Building C.
09:30 – 10:45	<p style="text-align: center;">Plenary Sessions</p> <p>The plenary sessions aim to facilitate constructive dialogue between policymakers and key development stakeholders from international organizations, financial institutions, governments, civil society, academia, business enterprises and industry. The different sessions are designed to discuss some of the most crucial issues to be addressed by urban stakeholders for the achievement of inclusive and sustainable urban-industrial development.</p> <p>Opening Ceremony</p> <p><i>Boardroom D, 4th Floor, Building C</i></p> <p><i>During the opening ceremony, distinguished dignitaries will share their visions, knowledge and expertise regarding the impact and benefits of the new Industrial</i></p>

* Draft agenda, as of 1 September 2019.

	<p><i>Revolution on urban development, setting the stage for the following theme-specific sessions.</i></p> <p>Master of Ceremonies: Mr. Kai Bethke, Director, Department of External Relations, UNIDO</p> <p>Statements by:</p> <p>Mr. LI Yong, Director General, United Nations Industrial Development Organization</p> <p>Ms. Galina Karelova, Deputy Chairperson of the Federation Council of the Federal Assembly of the Russian Federation</p> <p>Mr. LIAN Weiliang, Vice-Chairman, National Development and Reform Commission, China</p> <p>Mr. Abdulhamid Alkhalifa, Director General, OPEC Fund for International Development</p> <p>Mr. CAI E-Sheng, Chairman, Finance Center for South-South Cooperation, Hong Kong, China</p> <p>Mr. Mahmoud Mohieldin, Senior Vice President, World Bank Group</p> <p>Ms. Anna Lisa Boni, Secretary General, EUROCITIES</p> <p>Mr. Ernst Woller, First President of Provincial Parliament of Vienna, Austria</p> <p><i>(Logistical Notes: All speakers in the opening ceremony are kindly requested to take their assigned seats on the stage. All other participants are requested to take a seat in the boardroom and to keep their mobile phones on silent).</i></p>
10:45 - 11:00	<p>Coffee Break</p> <p><i>“Coffee Corner” located behind Boardroom D, 4th Floor, Building C</i></p>
11:00 – 12:15	<p>Session 1 – Re-thinking Urban Innovation: High-tech parks and start-up hubs powering the urban economy</p> <p><i>Boardroom D, 4th Floor, Building C</i></p> <p>Advanced digital and convergent technologies can turn deserts into urban areas. State-of-the-art modular infrastructure, utility networks and smart grids, e-mobility solutions, air-quality monitoring systems, smart factories and urban farms have the potential to change the way we imagine urban life. Modern technologies can turn</p>

our cities into smart and sustainable ones, responding to the urbanization and demographic challenges we are facing today.

A successful transition into smart and sustainable cities rests upon the creation of an environment of collaborative innovation hubs, technology parks and innovation areas, which can drive the new industrial revolution forward and facilitate the early adoption of technologically advanced and environmentally-friendly industrial solutions for cities' development.

Innovation hubs, as flexible platforms, can attract investment and push for rapid technological, behavioural, and institutional change, as well as for new models of governance. They have the potential to breed a collaborative culture, by bringing together government agencies, businesses, customers, start-ups, academia and researchers to explore and collaborate on concrete solutions for environmental concerns, creating at the same time new educational opportunities and jobs for disadvantaged populations, thus powering urban economies. Innovation hubs can also have a positive impact on the reduction of carbon emissions by promoting sustainable projects and the uptake of renewable energies.

Focus:

- What role urban innovation hubs have in pursuing the Sustainable Development Goals (SDGs)?
- What elements are required for an innovation hub to succeed?
- How can innovation hubs encourage entrepreneurship in countries that lack traditions of entrepreneurial behaviour?
- What is the role of political leadership in enabling innovation and transformation in smart cities?
- What are the roles of international organizations in supporting the development of innovation hubs?

Moderator: **Ms. Olga Memedovic**, Chief and Deputy Director, Department of Trade, Investment and Innovation, UNIDO

Keynote Speaker: **Mr. Frans-Anton Vermast**, Strategy Advisor and International Smart City Ambassador, Amsterdam Smart City

Panellists:

Mr. Pirouz Hanachi, Mayor of Tehran, Iran

	<p>Mr. Ida Bagus Rai Dharmawijaya Mantra, Mayor of Denpasar, Indonesia</p> <p>Mr. Adam Nagy, Deputy State Secretary for Industry Strategy of the Ministry of Innovation and Technology, Hungary</p> <p>Mr. Andres Briceño, Director of Fab Lab Santiago, Chile</p> <p>Mr. ZHOU Mingcheng, Vice-President for Global Public Affairs, Huawei</p> <p>Mr. Phan Phalla, Under Secretary of State, Ministry of Economy and Finance and Secretary General, Economic and Financial Policy Committee, Cambodia</p> <p><i>(Logistical Notes: During Session 1, participants will receive their lunch voucher for the lunch area in VIC rotunda on the Ground Floor, Building C. The exhibition inauguration will also take place from 12:30 in the VIC rotunda. The route from the meeting room to the VIC rotunda will take approximately 5 minutes.)</i></p>
12:30 – 12:45	<p>Exhibition – Inauguration Ceremony</p> <p><i>Rotunda, Ground Floor, Building C</i></p> <p>Ribbon-cutting ceremony and Group Pictures with Director General of UNIDO, Chairman of FCSSC and Representatives of the case cities</p>
12:45 – 14:15	<p>Lunch break</p> <p><i>Lunch Area, Rotunda, Ground Floor, Building C</i></p>
12:45 – 13:15	<p>Cultural Performances from Poland</p> <p><i>Rotunda, Ground Floor, Building C</i></p> <p><i>Culture is an important aspect of city competitiveness and the fifth pillar of the BRI. Cities regularly invest in cultural programmes and tourism initiatives, not only to influence the image and attractiveness of their city, but also to stimulate social inclusion and cultural integration. In order to showcase different facets of city life, cultural performances will be organized during the lunch breaks.</i></p>
13:15 – 14:15	<p>City-Business Exchange Talk: Metropolis GZM as a hub of Innovation and transformation – a hot-spot on the New Belt and Road</p> <p><i>Rotunda, Ground Floor, Building C</i></p> <p><i>Supported by ICLEI</i></p> <p>With its strategic position on the New Belt and Road, the Upper Silesian region supported by GZM metropolis holds considerable collaboration potential for initiatives related to Industry 4.0 as well as digital and creative business sectors. Collaboration and integration between local and regional partners has clearly been</p>

a key attribute of their transition success thus far. Learning from and improving these partnerships will open new doors as the region's transformation continues. Strategic initiatives however will need to not only provide economic opportunity but also support environmental action and increase inclusivity.

This CiBiX Exchange session explores how multi-level collaboration between public and private stakeholders is and continues to be an essential aspect of the region's transition towards sustainability. Diverse viewpoints from the different strategic partners will be shared focusing on their activities related to digitalization and industry 4.0. Speakers and participants are then invited to engage in dialogue-based networking on the key themes presented in the session.

Moderator: **Ms. Rebecca Wessinghage**, Officer, Transition Concepts, ICLEI-Local Government for Sustainability

Panellists:

Mr. Jacek Woźnikowski, Director, Department of Socio-Economic Development and Cooperation, Metropolis GZM

Ms. Aleksandra Zajusz-Wayda and Ms. Ewa Dudzic, Silesia Competence Centre of Industry 4.0

Mr. Mariusz Jankowski, Head of the Division for Investor's Assistance, Katowice City Hall

Mr. Mateusz Rykała, Vice-President, Member of the Board Katowice Special Economic Zone

Mr. Jan Bondaruk, Deputy Director for Environmental Engineering, Central Mining Institute

Ms. Katarzyna Kobierska, Head of City Development Bureau, Gliwice Municipal Office

(Logistical Notes: After the CIBIX, Session 2 will take place in Boardroom D, 4th Floor, Building C. The route from the rotunda to Boardroom D will take approximately 5 minutes.)

14:30-15:45

Session 2 – Anchoring Cities in the Circular Economy: The Role of Digital Technology

Boardroom D, 4th Floor, Building C

So far, production and consumption patterns in metropolitan areas are associated with the Linear Economy model, which results in large amounts of resource consumption and waste generation. This is challenging because it is expected that almost two-thirds of the world's population will live in cities by 2030 due to rapid urbanization, particularly in developing countries.

Contrary to popular belief, urbanization can contribute to a decrease in environmental impacts per capita thanks to more efficient shared services, infrastructure, and resource supply and recycling systems. The recent development of digital technologies offers the opportunity to push for a transition towards Circular Economy in cities, in which data and knowledge flow globally, while materials flow locally. Cities are, by nature, connected to industrial value chains and they can radically transform production and consumption patterns within their metropolitan regions. This could be achieved by adopting strategies that focus on smart and interconnected processes.

UNIDO's strong commitment to the development of Circular Economy in cities has been strengthened, for example, by its participation in the last conference of the Fab City Global Initiative. This initiative is an action plan for cities to become more resilient through the re-localization of the production of energy, food and products in urban premises with the support of digital technologies.

In light of the above, this session will focus on the application of digital (Industry 4.0) technologies to assist cities in implementing Circular Economy solutions.

Focus:

- Assess the relevance of digitalization and advanced technologies, as well as of the raising of open source and distributed knowledge management to foster the development of Circular Economy in urban areas.
- Explore the potential of digital technology for industrial applications, eco-design, and industrial processes of acquisition, reprocessing and remarketing of products.
- Pave the way for key stakeholders to address urban sustainable development challenges through eco-design solutions, bringing circular economy integration to life in companies, cities and within digital/physical networks.

Moderator: **Mr. Stephan Sicars**, Director, Department of Environment, UNIDO

	<p>Keynote Speaker: Mr. Tomas Diez, Director of Fab Lab Barcelona</p> <p>Panellists:</p> <p>Mr. Klaus Heidinger, Global Head City IT Solutions – Siemens</p> <p>Mr. Roger Kamgaing, Executive Vice President, SGS, Switzerland</p> <p>Ms. Tri Rismaharini, Mayor of Surabaya, Indonesia</p> <p>Ms. Birgit Ginzler, Senior Expert, Urban Innovation Vienna</p> <p>Mr. Carlo Ratti, Director at MIT SENSEable City Lab</p> <p><i>(Logistical Notes: After Session 2, there will be a 15-minute coffee break. The route from the meeting room to the “Coffee Corner”, located behind Boardroom D, will take approximately 2 minutes. Panellists and general participants are requested to return to their seats promptly to attend the start of Session 3 beginning at 16:00.)</i></p>
15:45 – 16:00	<p>Coffee Break</p> <p><i>“Coffee Corner” located behind Boardroom D, 4th Floor, Building C</i></p>

16:00 – 17:15

Session 3 – Transforming Urban Transport: Smart Mobility for Smart Cities

Boardroom D, 4th Floor, Building C

This session aims to pave the way for development stakeholders to address urban mobility challenges through urban-industrial solutions enabled by smart technologies. Although they have been found to be drivers of economic development in some countries, rapid urbanization and industrialization have contributed to the growth of greenhouse gas emissions and environmental degradation. An estimated 60% of infrastructure required in cities by 2030 has yet to be built. This pressing demand for new infrastructure, in addition to the pressure on existing infrastructure, poses a tremendous challenge for cities in terms of planning, institutional capacity and financing. At the same time, this figure reflects tremendous opportunity to adopt innovative approaches and apply measures that embrace the continually emerging digital economy. Well planned, smart, digital infrastructure has the potential to act as an enabler for transitions to sustainable, resilient and smart cities.

In recognition of the large impact of the transportation sector on urban GHG emissions and air quality, the promotion of low-carbon transport and the widespread adoption of smart mobility are important aspects of a sustainable solution. UNIDO's strong commitment to addressing urban pollution has been showcased, for example, through a strategic approach to catalyse and accelerate the widespread use of electric vehicles (EVs) in Malaysia and promoting the integrated development of New Energy Vehicles (NEVs) and Renewable Energy (RE) in China, under the wider framework of the Sustainable Cities programme. These are significant steps to facilitate the adoption of a renewable energy integrated smart grid in these countries, thus showcasing an integrated approach to smart and sustainable urban planning.

The discussion will focus on the application of digital technologies to support the automotive industry and in particular e-mobility, so as to assist cities, development finance institutions (DFIs) and private-sector organizations in greening urban transport infrastructure.

Focus:

- Address the issues typically faced by municipal authorities in mitigating urban transport pollution and GHG emissions through intelligent transport systems for public transport, green freight and urban logistics
- Explore the widespread adoption of different digital technology options for smart mobility solutions to reduce GHG emissions

- Discuss the enabling environment required for value chain development of smart mobility technologies, such as charging infrastructure, storage, vehicle-to-grid applications, and autonomous vehicles
- Showcase existing and potential policies and partnerships that would allow for a market deployment of EVs paired with smart grid solutions for sustainable industrial-urban development

Moderator: **Mr. Tareq Emtairah**, Director, Department of Energy, UNIDO

Keynote Speaker: **Mr. Dirk Fransaer**, Managing Director, VITO – Flemish Institute for Technological Research

Panellists:

Mr. Kamel Ben Amara, Mayor of Bizerte, Tunisia

Mr. Gaye Seck, Mayor of Bargny, Senegal

Ms. Karen Vancluysen, Secretary General, POLIS

Mr. Filippo Berardi, Senior Climate Change Specialist, Global Environment Facility (GEF)

(Logistical Notes: After Session 3, please remain seated in the meeting room for a brief wrap-up of the day's proceedings)

17:15 - 17:30

Wrap-Up Remarks and Day 1 Highlights

Boardroom D, 4th Floor, Building C

Remarks by: **Ms. Fatou Haidara**, Managing Director, Directorate of Corporate Management and Operations, UNIDO

(Logistical Notes: After the last session of the first day, dignitaries with invitation cards are invited to attend a reception hosted by UNIDO's Director General, which will take place in the VIC Restaurant on the Ground Floor, Building F at 18:00. General participants who are not attending the reception may exit the VIC via Gate 1. To ensure easy access to the VIC on subsequent days, please retain your ground passes for the remainder of the event.)

From 18:00
onwards

Reception hosted by UNIDO's Director General *By Invitation Only

VIC Restaurant, Ground Floor, Building F

Master of Ceremonies: **Mr. KUNIYOSHI Hiroshi**, Deputy to the Director General, UNIDO

Welcome remarks by: **Mr. LI Yong**, Director General, UNIDO

(Logistical Notes: Following the reception, dignitaries may exit the VIC via Gate 1. To ensure easy access to the VIC on subsequent days, please retain your ground passes for the remainder of the event.)

4 September 2019	
From 8:00 onwards	<p style="text-align: center;">Registration</p> <p><i>Gate 1, Vienna International Centre (VIC)</i></p> <ul style="list-style-type: none"> • Security check through Gate 1 of the VIC. • Collection of conference bags and badges: <ul style="list-style-type: none"> ○ All registered <u>speakers</u> and <u>general participants</u> can collect their badges from the “Registration Desk” in the lobby of Gate 1. All <u>speakers</u> can also collect their bags from the “Registration Desk”. ○ All <u>general participants</u> can collect their bags from the “Information Desk” in front of Boardroom D, 4th Floor, Building C. • Registration for the Permanent Missions will take place at the Infodesk in front of Boardroom D, 4th floor, Building C.
09:00 – 11:00	<p style="text-align: center;">Mayors Roundtable</p> <p><i>Boardroom D, 4th Floor, Building C</i></p> <p><i>Supported by ICLEI</i></p> <p>The current trend of automation and data exchange in manufacturing technologies - commonly referred to as the 4th Industrial Revolution - will have a deep impact on urban development in the future. It will affect the way in which cities develop spatially and economically, how they manage resources and provide key services to their citizens. The goals laid out in the 2030 Agenda for Sustainable Development and the way in which the goals are translated to the local level are closely linked to how advanced technologies and new industrial solutions will be applied in cities in the future.</p> <p>To better understand these connections, the “BRIDGE for Cities” Mayors Roundtable will be an opportunity for mayors from a wide range of cities to discuss how the 4th Industrial Revolution affects the key issues that contribute to the achievement of the 2030 Agenda at the local level:</p> <ul style="list-style-type: none"> • Climate action and sustainable infrastructure: How can advanced technologies facilitate the shift to renewable energy as well as carbon neutral infrastructure, transportation and municipal services? What is the

potential of digitalization in supporting the capacity utilization of existing infrastructure?

- **Resource management:** What role do digital technologies play in anchoring cities in the circular economy? How can cities effectively address urban waste and pollution by reusing materials locally?
- **The finance dilemma:** How to finance urban development projects and technological solutions through innovative financing mechanisms? How are cities addressing this issue currently?
- **Inclusiveness:** How can cities use new technologies to enhance quality of life? How can cities foster Industry 4.0 innovation to create new jobs and economic opportunities for all?

For each theme, the participating mayors will share their lessons learnt and challenges experienced when applying Industry 4.0 technology solutions to integrated sustainable urban-industrial development projects.

Moderator: **Mr. Emani Kumar**, Deputy Secretary General, ICLEI

Keynote Speaker: **Mr. LI Yong**, Director General, United Nations Industrial Development Organization

Participants:

Climate Change and Sustainable Infrastructure:

- **Bizerte, Tunisia** - Mr. Kamel Ben Amara, Mayor
- **Addis Ababa, Ethiopia** - Mr. Tesfaye Belijge Dara, Deputy Mayor; Head, Coordination Bureau of Democratic Institutions Building
- **Podgorica, Montenegro** – Ms. Slađana Vujačić, Deputy Mayor
- **Katowice, Poland** - Mr. Jerzy Wozniak, Deputy Mayor

Resource Management:

- **Denpasar, Indonesia** - Mr. Ida Bagus Rai Dharmawijaya Mantra, Mayor
- **Dodoma, Tanzania** - Mr. Davis Mwamfupe, Mayor
- **Sihanoukville Province, Cambodia** - Mr. Kong Vitanak, Vice Governor

The Finance Dilemma:

- **Phnom Penh, Cambodia** - Mr. Nuon Pharat, Vice Governor
- **Tirana, Albania** - Mr. Erion Veliaj, Mayor
- **Budapest, Hungary** - Mr. Peter Szegvari, Senior Advisor of the Mayor
- **Chengdu, China** - Mr. ZHU Ping, Deputy Director of Chengdu Development and Reform Commission

Inclusiveness:

- **Zamboanga, Philippines** - Ms. Maria Isabelle Climaco, Mayor
- **Tehran, Iran** - Mr. Pirouz Hanachi, Mayor
- **Bargny, Senegal** - Mr. Gaye Seck, Mayor
- **Guangzhou, China** – Mr. CHEN Zhiying, Executive Vice Mayor
- **Nanchang, China** - Mr. LONG Henan, Member of Nanchang Communist Party of China Committee and Head of Nanchang City Management
- **Shenzhen, China** - Mr. WU You, Deputy-Secretary General
- **Montevideo, Uruguay** - Mr. Carlos Leonczuk, Head of Inclusion city and Sustainability Council

Attendees:

- **Metropolis GZM, Poland** – Mr. Grzegorz Kwitek, Member of the Board
- **Mr. Vasily Kozlov**, Minister of International and Foreign Economic Relations of the Sverdlovsk Region, Russian Federation
- **Conghua, China**- Mr. CAI Shu, Mayor
- **Beddawi, Lebanon** - Mr. Hassan Ghamrawi, Mayor
- **Zabrze, Poland** - Mr. Krzysztof Lewandowski, Deputy Mayor
- **Gliwice, Poland** - Ms. Katarzyna Kobierska, Head of City Development Bureau
- **Dortmund, Germany**- Mr. Dirk von Bracht, Climate Energy Manager
- **Essen, Germany**- Sebastian Schlecht, Project Manager European Green Capital

	<ul style="list-style-type: none"> • Zhuzhou, China- Ms. ZHONG Yan, Deputy Director, Zhuzhou Municipal People's Congress Standing Committee • Ufa, Russia – Mr. Ruslan Gaysin, Chief of IT Centre of Ufa Municipality
11:00 – 11:15	Coffee Break
11:15 – 12:30	<p style="text-align: center;">Business Roundtable</p> <p style="text-align: center;"><i>Resilient Urban Development along the Belt and Road</i></p> <p><i>Conference Room C4, 7th floor, Building C</i></p> <p><i>Supported by AIG and Wood Group</i></p> <p>Cities on the Belt and Road are struggling to meet social and infrastructure demands. They are further challenged by climate change, reflected in the growing frequency of natural disasters. The World Bank estimates that 80% of the expected \$100 billion per year in climate adaptation costs will be borne by cities. Innovative ideas are needed for generating investment and building the infrastructure that will develop cities in ways that are resilient and therefore sustainable.</p> <p>The Belt and Road Initiative has the potential to underpin national, regional, and municipal economies and be essential to the competitiveness of local businesses, notably by supporting infrastructure development. Understanding the operational risks from natural catastrophes and climate change is essential to the development and sustainability of Belt and Road projects. Given the increased frequency of climate related stressors, there is unprecedented urgency to develop resilient infrastructure, notably in the areas that are most affected, as is the case for many Belt and Road participant countries.</p> <p>To this end, the “BRIDGE for Cities” Business Roundtable aims at discussing how to embed the element of resiliency in Belt and Road-related projects, especially at the urban level. The Roundtable is designed to dynamically examine issues pertaining to climate risk management throughout all stages of the Belt & Road Initiative. In particular, the panellists will discuss how public-private partnerships can be of help in this context, providing cities with adequate and alternative access to capital and financing and combining expertise from the financial and engineering sectors.</p> <p>Focus:</p>

- Discussing project and programme risks, scope and timelines, including best practices in identifying and mitigating such risks;
- Analysing the factors influencing cities' resilience over time, notably the ones related to climate change;
- Presenting innovative finance mechanisms for sustainable and resilient projects (e.g. fin-tech) along the Belt and Road;
- Showcasing examples of successful public-private partnerships for resilient urban projects along the Belt and Road.

Moderator: **Mr. James Kyngé**, Global China Editor, Financial Times

Keynote Speaker: **Mr. Ciyong ZOU**, Director, Department of Programmes, Partnerships and Field Integration, UNIDO

Participants:

1. **Mr. Alexander Biach**, Deputy Director, Vienna Economic Chamber, Austria
2. **Mr. Colin Wilson**, Partner, Projects, Transport, Defence and Infrastructure at DLA Piper and member of DLA Piper International Board
3. **Ms. Lin O'Grady**, Deputy Head, Sustainable Infrastructure Group, European Bank for Reconstruction and Development (EBRD)
4. **Mr. Michael Girioni**, Vice President, Environment and Infrastructure Solutions, Wood PLC
5. **Mr. Stefan Haid**, Partner | Infrastructure, Competence Center Civil Economics, Energy & Infrastructure, Roland Berger
6. **Mr. Marc Lehmann**, Head, Catastrophe Management Solutions, American International Group
7. **Ms. Zhang Jirong Joyce**, Deputy Director General, Finance Center for South-South Cooperation
8. **Mr. Wu Guangquan**, President, Federation of Shenzhen Industries
9. **Ms. Yu Jie**, Senior Research Fellow on China, Chatham House
10. **Mr. Peter Höfinger**, Member of the Managing Board, Vienna Insurance Group
11. **Mr. Xiaochen Zhang**, President, FinTech4Good
12. **Mr. WU Yue**, National Production Safety Expert, China
13. **Ms. Sharon Zhang Xiaowen**, Director, Corporate Social Responsibility Research Center, China

	<p><i>(Logistical Notes: Following the roundtable, there will be a lunch break. All participants will be provided with lunch coupons during the session and are requested to take their lunch in the lunch area in VIC rotunda, which is a 5-minute walk from the meeting room.)</i></p>
<p>11:30 – 12:30</p>	<p>City-Business Exchange Talk: Matchmaking Meeting - City of Shenzhen, China and Ruhr Region, Germany *Closed Meeting C0739/41, 7th Floor, Building C</p> <p><i>Supported by ICLEI</i></p> <p>Today, Shenzhen and the Ruhr region are technology, innovation and transport hubs. Synergies between the two can be found through their common history of rapid urbanization and industrialization. While Shenzhen’s growth is anticipated to continue, the cities of Dortmund and Essen face a different reality. De-industrialization and economic decline in the region led to former population loss. This reality has increased the imperative for both cities to forge a new development pathway based on sustainability and inclusiveness.</p> <p>This CiBiX Exchange Session will bring representatives from Shenzhen and Ruhr together to exchange on topics that could help to identify pathways for future. Shenzhen is interested in fostering increased exchange with German cities on key topics of joint interest related to energy and the environment while Dortmund and Essen are interested in learning about the Chinese perspective on future development and innovation implementation. Both regions are also committed to exploring innovation in renewable and sustainable energy sources to power current and future opportunities.</p> <p>Moderator: Ms. Hannah Rothschild, City-Business Collaboration Officer, ICLEI - Local Governments for Sustainability</p> <p>Participants:</p> <p><i>Shenzhen:</i></p> <p>Ms. YU Jing, Deputy Director General, Shenzhen Municipal Development and Reform Commission, China</p> <p>Ms. GUO Yumei, Project Specialist of Shenzhen International Technology Promotion Center for Sustainable Development</p> <p>Ms. LIN Shuyang, Senior Staff Member of Europe and Africa Division of Foreign Affairs Office, Shenzhen Municipal People’s Government</p>

	<p><i>Ruhr Region:</i></p> <p>Mr. Dirk von Bracht, Climate and Energy Manager, City of Dortmund, Germany</p> <p>Mr. Sebastian Schlecht, Project Manager European Green Capital – Essen, City of Essen, Germany</p>
12:30 – 14:15	<p>Lunch Break</p> <p><i>Lunch Area, Rotunda, Ground Floor, Building C</i></p>
12:30 – 14:15	<p>City Leaders and Ambassadors Lunch *By invitation only</p> <p><i>VIC Restaurant, Ground Floor, Building F</i></p> <p>Permanent Missions and representatives from the cities involved in the event are invited to take part in a networking lunch.</p> <p>Master of Ceremonies: Mr. Ralf Bredel, Chief, Regional Division – Asia and the Pacific, UNIDO</p> <p>Interaction with Sophia the Robot, Hanson Robotics</p> <p>Welcome remarks by:</p> <p>H.E. Mr. WANG Qun, Ambassador, Permanent Representative, Permanent Mission of China to UNIDO</p> <p>Mr. LI Yong, Director General, UNIDO</p>
12:45 – 13:05	<p>Cultural Performances from Indonesia</p> <p><i>Rotunda, Ground Floor, Building C</i></p> <p><i>Culture is an important aspect of city competitiveness and the fifth pillar of the BRI. Cities regularly invest in cultural programmes and tourism initiatives, not only to influence the image and attractiveness of their city, but also to stimulate social inclusion and cultural integration. In order to showcase different facets of city life, cultural performances will be organized during the lunch break.</i></p> <p><i>(Logistical Notes: After cultural performances, the Session 3 will take place in Boardroom D, 4th Floor, Building C. The route from rotunda to Boardroom D will take approximately 5 minutes.)</i></p>

13:15 – 14:00

“Driving Innovation” TV Talk Show: Leveraging Multi-Stakeholder Partnerships to Drive Innovation in Industry & Urbanization

Exploring modalities of multiple-stakeholder partnerships in cutting-edge industries to drive Industry 4.0 transformation

Rotunda, Ground Floor, Building C

Organized by Odyssey of the Dragon – Phoenix Television

Over the past seventy years the global economy has experienced massive growth, with industrialization and the development of cities and infrastructure following suit. Now, emerging economies are pushing developmental needs to new heights. How can we leverage globalization and connectivity and deploy advances in technology to address these issues? What are the practices, frameworks and relationships driving the sustainable cities of tomorrow?

In the recent past, Chinese companies and entrepreneurs have gained in-depth knowledge and experience in urbanization and industrialization, both at home and overseas, crafting strategies and activities unique to local markets and environments. In order to share this knowledge the *Driving Innovation* side event will gather these companies and individuals, present their case studies and establish a platform for further discussion and research.

Now more than ever, technology is transforming business and development. Breakthroughs in new energy, artificial intelligence and intelligent manufacturing are ushering in the rise of Industry 4.0, creating new needs and opportunities for development. Organized with support of the “Odyssey of the Dragon – Phoenix Television”, the *Driving Innovation* side event will address how multi-stakeholder partnerships, such as those fostered through South-South and triangular cooperation, can help develop training and capacity building, facilitate technology transfer and foster a culture of innovation.

In an effort to enliven the discussion and highlight media’s crucial role in spreading awareness regarding development issues, this side event will be held in a special “TV Talk Show” format.

Focus:

Partnerships for Innovation

- *International Cooperation for Innovation* – Explores the importance of international relationships and partnerships in fostering innovation and developing mechanisms for training, capacity building and technology transfer.
- *South-South and Triangular Cooperation for Innovation* – Multi-stakeholder relationships, as fostered through South-South and triangular cooperation, create additional opportunities for technology transfer and capacity building.

Fostering Innovation

- *Leveraging Spaces for Innovation* – With the explosion of technology parks and innovation hubs around the world, everyone, from governments and property developers to educational and development institutions, is seeking ways to spark and foster nodes of innovation. Which methods have proven most effective?
- *Fostering a Culture of Innovation* – What are the practices and cultures that have helped successfully grow cultures of innovation along the Belt and Road?

Moderator: **Ms. Sharon Zhang Xiaowen**, Phoenix Television Executive Producer

Welcome remarks: **Ms. Olga Memodovic**, Chief & Deputy Director, Department of Trade, Investment & Innovation, UNIDO

Panellists:

Sophia the Robot, Hanson Robotics

Mr. Xiaochen Zhang, President, FinTech4Good

Mr. Sebastian Schlecht, Project Manager European Green Capital – Essen, City of Essen, Germany

Mr. Brandon Zatt, Phoenix Television “Odyssey of the Dragon”

Closing Remarks: **Ms. Zhou Meixiang**, Deputy Director General, FCSSC

13:30 – 14:30

City-Business Exchange Talk: Matchmaking Meeting - City of Chengdu, China and Business Sector from the City of Vienna, Austria *Closed Meeting
 C0739/41, 7th Floor, Building C

Supported by ICLEI

As part of an existing city-to-city cooperation agreement, Chengdu and Vienna have undertaken several collaborative projects in multiple sectors, ranging from

technical and vocational education to transportation. This CiBiX Exchange session explores how this existing partnership can be both widened and deepened for the benefit of all involved stakeholders and for the push towards greater levels of sustainability.

This session will see a diverse panel of stakeholders share their experiences and ideas for further cooperation, which will help keep Chengdu a liveable and sustainable city and enable organizations and enterprises from the City of Vienna to share and expand their expertise.

Moderator: **Ms. Hannah Rothschild**, City-Business Collaboration Officer, ICLEI - Local Governments for Sustainability

Participants:

Chengdu:

Mr. Zhu Ping, Deputy Director of Chengdu Development and Reform Commission

Mr. Dong Yunfan, Deputy Director of General Office of Chengdu Municipal People's Government

Mr. Wang Nan, Deputy Director of Policy Research Office of Chengdu Municipal Committee of the CPC

Mr. Sun Qinhuai, Deputy Director of Chengdu Municipal Ecological Environment Bureau

Mr. Huang Qiang, Division chief of Department of Economic System Reform of Chengdu Municipal Development and Reform Commission

Vienna:

Mr. Alexander Biach, Deputy Director, Vienna Economic Chamber

Ms. Ute Stadlbauer, International Business, Vienna Business Agency

Mr. Anton Aufner, Managing Director WIFI International, Austrian Economic Chamber

Mr. Christopher Müller, Executive Director, Rail Cargo Operator - Austria GmbH

	<p>Ms. Petra Distl, Consultant, Economic Policy/International Business, Vienna Economic Chamber</p> <p>Ms. Claudia Kirchschlager, Consultant, Economic Policy/International Business, Vienna Economic Chamber</p> <p><i>(Logistical Notes: After the workshop, the following session will take place in Boardroom D, 4th Floor, Building C. The route from the rotunda to Boardroom D will take approximately 5 minutes.)</i></p>
14:30 – 15:45	<p>Case Session 1: Intra-regional perspective - Sustainable Transition in Industrial Regions</p> <p>Case regions: Metropolis GZM, Poland; Sverdlovsk Region, Russian Federation; and Ruhr Region, Germany</p> <p><i>Boardroom D, 4th Floor, Building C</i></p> <p>Cities and regions with a strong industrial legacy can take advantage of the innovations the 4th Industrial Revolution entails. By utilizing innovative and smart technologies in their development strategies, they can transition from a heavy industry based economy – with high carbon impact – to a more sustainable model; maintaining high employment rates and ensuring social resilience.</p> <p>The BRIDGE for Cities 4.0 case regions –Metropolis GZM (Silesian region) in Poland, Sverdlovsk region in Russia and the Ruhr region in Germany – share a common history of strong reliance on mining and heavy industry as well as the subsequent environmental stress. Through their experiences of rapid industrialization these cities hold valuable insights on how to make the most of upcoming technological change and can provide insights on how to face and overcome the challenges associated with it.</p> <p>During the session, the case regions will be joined by representatives from their respective local municipalities, and they will demonstrate how Industry 4.0 solutions can advance the implementation of the 2030 Agenda for Sustainable Development. Drawing on their similar history and existing collaboration through the Urban Transitions Alliance, they will jointly explore on how industrial regions can embark on sustainable transitions and harness the benefits of the 4th Industrial Revolution to embark on a new path of economic well-being and sustainability. Invited cities and regions will also explore how Industry 4.0 will impact climate action, public service provisions and equality in their urban regions.</p> <p>This session will showcase success stories of sustainable urban-industrial development and, more importantly, strengthen the regions’ connection to each other. The session will thus help participating regions, cities and stakeholders to</p>

	<p>jointly identify solutions to common challenges, explore actions and build the partnerships that will be critical as the 4th Industrial Revolution progresses.</p> <p>Moderator: Mr. Emani Kumar, Deputy Secretary General, ICLEI</p> <p>Panellists:</p> <p>Mr. Grzegorz Kwitek, Member of the Board, Metropolis GZM, Poland</p> <p>Mr. Vasily Kozlov, Minister of International and Foreign Economic Relations of the Sverdlovsk Region, Russian Federation</p> <p>Mr. Sergey Perestoronin, Minister of Industry and Science of the Sverdlovsk Region, Russian Federation</p> <p>Mr. Dirk von Bracht, Climate and Energy Manager, City of Dortmund, Germany</p> <p>Mr. Sebastian Schlecht, Project Manager European Green Capital – Essen, City of Essen, Germany</p> <p>Ms. Irina Makieva, Deputy Chairman of VEB.RF; General Director of Monotowns Development Fund, Russian Federation</p> <p>Mr. Mariusz Jankowski, Head of the Division for Investor’s Assistance, Katowice City Hall</p> <p>Mr. Mateusz Rykala, Vice-President and Member of the Board, Katowice Special Economic Zone, Poland</p> <p><i>(Logistical Notes: After the session, there will be a 15-minute coffee break. The route from the meeting room to the “Coffee Corner”, located directly behind Boardroom D, will take approximately two minutes. Panellists and general participants are kindly requested to return promptly to their seats for the fourth session, which will start at 16:00.)</i></p>
15:45 - 16:00	<p>Coffee Break <i>“Coffee Corner” located behind Boardroom D, 4th Floor, Building C</i></p>
16:00 – 17:15	<p>Case Session 2: City-to-City Matchmaking <i>Case City: Shenzhen, China; Phnom Penh, Cambodia</i></p> <p><i>Boardroom D, 4th Floor, Building C</i></p> <p>The different challenges facing urban areas environmentally, socially and demographically are all interwoven and interlinked. Innovation and technology are</p>

driving forces for the future of urban development. Cities nowadays have access to a wide range of increasingly advanced technologies capable of providing better services to citizens and addressing ever-growing urban challenges such as pollution, traffic congestion, and energy efficiency. The concept of “Smart Cities” reflects this ambitious vision, but the success rates of the many smart city programmes around the world vary widely. Decision makers and urban stakeholders have to carefully consider the long-term impact, the costs and the potential benefits of the innovations they choose to implement in their cities.

This session aims to discuss how two sister cities in two different countries – Shenzhen, China and Phnom Penh, Cambodia – are developing innovative solutions for their urban challenges and looking forward to strengthening city-to-city partnerships.

Through this session, the case cities will explore new avenues for cooperation – building upon the existing sister-city agreements– aiming for a mutually beneficial exchange of knowledge and expertise on the basis of South-South cooperation modalities. Moreover, participants from other cities and countries can learn from the experiences of the two case cities, enriching the open discussion with their examples and experiences.

Moderator: **Ms. Zhang Jirong Joyce**, Deputy Director General, Finance Center for South-South Cooperation

Keynote Speakers:

Mr. WU You, Deputy Secretary-General, Shenzhen Municipal Government, China

Mr. Nuon Pharat, Vice Governor of Phnom Penh, Cambodia

Panellists:

Ms. YU Jing, Deputy Director General, Shenzhen Municipal Development and Reform Commission, China

Ms. Khema Khon, Senior Official, Phnom Penh City Hall, Cambodia

Mr. HU Wei, Co-President & CTO, Ping An International Smart City Technology Co, Ltd, China

(Logistical Notes: After the Session, please remain seated in the meeting room for a brief wrap-up of the day’s proceedings)

<p>17:15 to 17:30</p>	<p>Wrap-Up Remarks and Day 2 Highlights <i>Boardroom D, 4th Floor, Building C</i></p> <p>Remarks by:</p> <p>Ms. Zhang Jirong Joyce, Deputy Director General, Finance Center for South-South Cooperation</p> <p>Mr. Ciyong ZOU, Director, Department of Programmes, Partnerships and Field Integration, UNIDO</p>
<p>From 19:00</p>	<p>Cocktail Reception for City Leaders <i>*By invitation only</i> Hosted by the Mayor of Vienna <i>Vienna City Hall, Lichtenfelsgasse 2, 1010 Vienna</i></p> <p>Remarks by:</p> <p>Mr. Ernst Woller, First President of Provincial Parliament of Vienna, Austria</p> <p>Mr. LI Yong, Director General, United Nations Industrial Development Organization</p>