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# URBAN FUTURES LEADERSHIP ACADEMY 2024

Innovating the smart, sustainable, learning, and liveable cities of the future.



## Overview

Leiden University in the Netherlands, Asian Development Bank (ADB), and Bandung Institute of Technology (ITB) present the **Urban Futures Leadership Academy 2024**. This leadership program will delve into the transformative potential of the urban futures innovation concept with a particular focus on innovating cities that are smart, sustainable, liveable and continuously learning.

For our rapidly evolving urban landscapes, the integration of advanced technology and innovation strategies is essential to address the complex challenges that cities face. This leadership academy is designed to equip professionals from government and industry across various disciplines with the networks, knowledge, leadership skills, and tools needed to innovate urban futures solutions.

The leadership academy program will examine the broader concept of **smart cities**, which revolves around the integration of advanced technologies and data-driven solutions that enhance the quality of life for residents, improve urban services, and create more sustainable and efficient urban environments. The leadership academy will also focus more specifically on **sustainable cities**, which involves identifying strategies to create environmentally resilient cities that prioritize resource efficiency, renewable energy integration, and sustainable urban planning. Next, we'll study the principles of **learning cities**, where we explore how cities can harness data and technology to foster continuous education, lifelong learning, and knowledge sharing among citizens and institutions. Lastly, we'll focus on the principles of **liveable cities**, examining ways to enhance urban living conditions through intelligent infrastructure, inclusive design, and community-centric approaches.

The leadership program will intertwine principles of innovation throughout the learning concepts of smart, sustainable, learning and liveable cities. Within these contexts, innovation is the process of developing and implementing new ideas, policies, technologies, and practices that enhance the effectiveness, efficiency, transparency, and responsiveness of public services. This involves leveraging innovative solutions to address societal challenges, improve the quality of life for citizens, and foster inclusive and sustainable development. By doing so, governments can better meet the evolving needs and expectations of their populations, ultimately driving positive social change and fostering trust in public institutions.

Throughout this program, you will engage with academic and innovation leaders, industry experts, and leaders of public-private-partnerships that innovate in partnership with governments. You will participate in hands-on interactive sessions, and collaborate on solutions to challenges within the cities and communities you serve. Our goal is to empower you with insights and actionable strategies to drive policy innovations, technology solutions, and ultimately to lead innovations that create smarter, more sustainable, continuously learning and liveable cities.



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## Expected Outcomes

1. Participants will **strengthen their leadership capabilities**, equipping them to guide and manage smart, sustainable, and livable city projects, while driving urban innovation and leading cross-disciplinary teams.
2. Participants will leave with **actionable urban innovation solutions**, enabling them to address real-world urban challenges and focus on enhancing public services, infrastructure, and sustainability.
3. Participants will foster **enhanced collaboration and networking**, building strong connections with government officials, industry leaders, academics, and community stakeholders, leading to future partnerships and collaborative initiatives.
4. Participants will gain **insights into sustainable development strategies**, learning how to create environmentally resilient cities through resource efficiency, renewable energy integration, and sustainable urban planning.
5. Participants will **contribute to increasing trust in public institutions** by improving the effectiveness, efficiency, and transparency of public services, thereby strengthening public sector governance.

## Event Details

### Urban Futures Leadership Academy:

5-7 November 2024 (09:00 – 16:00)

Only 25 places are available and by invitation only

### Location:

Gedung Pusat Antar Universitas (PAU Building), Institut Teknologi Bandung, 8<sup>th</sup> Floor

### Urban Future Leaders Summit:

8 November 2024 (08:45 – 14:30)

Industry leaders, academics, students, community groups, and community members are all welcome

### Location:

Amphitheatre, Gedung Pusat Antar Universitas (PAU Building), Institut Teknologi Bandung, 1<sup>st</sup> Floor

### Registration link:

<https://itbinnovationpark.id/en/urban-futures-leadership-academy-2024>



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## Speakers



### [Prof. Dr. Ir. Suhono Harso Supangkat, M.Eng.](#)

**Director**

**Smart City and Community Innovation Center, Institut Teknologi Bandung**

Prof. Suhono Harso Supangkat is the Director of Smart City and Community Innovation Center of ITB. Since 2000 he has been assisting a number of government agencies and industries on matters relating to Regulations and IT Governance. He was appointed as Special Advisor to the Minister of Communication and Information Technology from 2007 to 2009, and was recently recognized as the 'Father of Indonesian Smart City', to build and improve all provinces, cities, regions, and villages in Indonesia.



### [Prof. dr. H.W. van den Doel](#)

**Dean of the LDE Universities/ Professor of Contemporary History  
Leiden University**

Prof. Wim van den Doel has been the Dean of the Leiden-Delft-Erasmus Universities alliance and a professor of history at these institutions since February 2020. He earned his MA (1987) and PhD (1994) from Leiden University, with his research focusing on the history of the Dutch East Indies. His notable publications include *De Stille Macht* (1994) and *Snouck* (2021). Previously, he served as Dean of the Faculty of Humanities at Leiden University (2007–2017) and as a member of the Executive Board of the Dutch Research Council (2017–2020).



### [Shanti Jagannathan](#)

**Director, Human and Social Development Sector, Sectors Group  
Asian Development Bank**

Ms. Jagannathan works on ADB education sector policies and strategies and provides technical advice and support to ADB's lending and non-lending education operations. She leads some of the knowledge initiatives and regional technical assistance programs in the education sector. Shanti has worked on policy research studies such as skills for greening economies and Asia's knowledge-based economies and innovation. She has helped to establish the annual ADB International Skills Development Forum series. Shanti has also led the design of education sector projects for ADB funding in school education, skills development and post-quake school reconstruction in Nepal and Bhutan, and has supported education sector projects in Bangladesh and India. She has over a dozen publications arising from work in ADB. Prior to joining the ADB, Shanti worked with the European Union on development cooperation in South Asia, and with an economic research think tank in India.



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## Prof. Bart Barendregt

**Vice-dean of Research/ Professor Anthropology of Digital Diversity  
Leiden University**



Prof. Bart Barendregt is a professor Digital Anthropology at the Leiden Institute of Cultural Anthropology and Sociology (CADS) as well as the UNESCO Chair of the Anthropology of Digital Diversity. He is the current vice dean for research at the Faculty of Social and Behavioural Sciences and dean of its Graduate School. Bart's research and teaching straddles the fields of religious, social technology and area studies with a particular focus on the study of meaning-making processes through new emergent technologies. Most of Bart's ethnographic projects have focused on Muslim Southeast Asia, where since the early nineties he has conducted extensive fieldwork in Indonesia, Malaysia, and Singapore. Currently, he is the Principal Investigator of the NWO-VICI project One Among Zeroes |0100| Towards an Anthropology of Everyday AI in Islam.

## Ryotaro Hayashi

**Senior Social Sector Economist, Sectors Group (SG)  
Asian Development Bank**



Mr. Ryotaro Hayashi is a Senior Social Sector Economist and has been working on improving education sector in South Asia for the last 6 years in ADB. He is in charge of higher education sector in Bangladesh and Sri Lanka as well as TVET in Bhutan. He led online higher education surveys in Bangladesh and Sri Lanka soon after the pandemic in 2020. He also conducted follow-up online higher education surveys to understand the current opportunities and challenges of online higher education in Sri Lanka.

## Joris van Etten

**Senior Urban Development Specialist  
Asian Development Bank**



Mr. Joris van Etten is out-posted by ADB's Southeast Asia Urban and Water Division to the ADB Indonesia Resident Mission. He oversees the processing and administration of all future and ongoing urban projects in Indonesia financed by ADB. Prior to moving to Indonesia, Joris was with ADB's Sustainable Development and Climate Change Department and coordinated ADB's Smart Cities work, and helped draft ADB's Livable Cities operational priority plan. He, among others, managed Cities Development Initiative for Asia and helped establish the ADB managed US\$ 14 million ASEAN – Australia Smart Cities Trust Fund.



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## Dr Paul Rabé

**Lead Specialist in Urban Land Governance, Assistant Professor  
Erasmus University**



Dr. Paul Rabé is a political scientist with a PhD from USC's Sol Price School of Public Policy. He serves as a senior specialist in land governance at IHS and coordinates the Urban Environment, Sustainability, and Climate Change master track. He is also the academic coordinator of the cities cluster at the International Institute for Asian Studies (IIAS) at Leiden University, where he oversees the Urban Knowledge Network Asia and the River Cities Network. With over 30 years of experience, his work focuses on the land-water-human nexus, addressing land management, water resources, and sustainability in urban and peri-urban areas, particularly in Southeast Asia.

## Dr. Nelson Mota

**Associate Professor of Architecture  
TU Delft**



Dr. Nelson Mota is Associate Professor at Delft University of Technology. He holds a professional degree in Architecture (1998) and an advanced master on Architecture, Territory, and Memory (2006) from the Department of Architecture at University of Coimbra (Portugal) and a Ph.D. (2014) from Delft University of Technology.

## Dr. Cristiana Strava

**University Lecturer  
Leiden University**



Dr. Cristiana Strava is a social anthropologist, trained at Harvard (BA) and SOAS, University of London (MARes, PhD), with a broad interest in urban spaces and the forces that shape our lives in and around them. She has conducted fieldwork in North, Western and East Africa on topics ranging from informal housing, gendered forms of waged and unwaged labor, marginalization, and the politics of planning and development regimes. Prior to her PhD studies, she worked with the UNDP and the German Technical Cooperation Agency on issues related to sustainable development and adaptation to climate change.

## Dr. A.R. Shidiq

**University Lecturer  
Leiden University**



Dr. Rizal Shidiq is a University Lecturer at the Leiden University Institute for Area Studies. He is an economist by training with primary fields in development economics and monetary theory, and secondary field public choice. His current research topics are on political connections in developing countries, religious intolerance, and democratic vulnerabilities. He has extensive knowledge on Indonesian economy and politics.



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## [Aris Kurniawan, S.Sos., M.Comn.](#)

**Director of Government Informatics Application Services  
Ministry of Communication and Information Technology**



Aris Kurniawan, S.Sos., M.Comm, is an accomplished professional in the field of digital empowerment and information technology with a strong educational background, holding a Bachelor's degree in Mass Communication from UNS Surakarta and a Master's in International Communication Management from De Haagse Hogeschool University of Applied Sciences. Aris has held various key positions, including leading the Digital Literacy Sub-Directorate and the Digital Technology Empowerment Coordination. Aris has been recognized for his contributions, earning prestigious awards like the Piagam Tanda Kehormatan Presiden RI Satyalancana Karya Satya X Tahun 2019, Penggerak Swadaya Masyarakat Teladan 2022, and ASN Inspiratif Kementerian Kominfo 2023.

## [Ir. A. Koswara, M.P.](#)

**Acting Mayor of Bandung**



Ir. A. Koswara, MP is a civil servant with more than 20 years of experience in the province of West Java. He holds a Bachelor's degree in Architecture from Institut Teknologi Bandung (1993) and a Master's in Regional Development Management from Institut Pertanian Bogor (2010). Currently serving as the Head of the West Java Transportation Agency, he previously led the Department of Highways and Spatial Planning (2019-2021) and held various strategic positions in Bekasi City Government.

## [Ahmad Gamal S.Ars., M.Si., M.U.P., Ph.D.](#)

**Chief Partnership Manager**

**Center for Collaborative Research SMART CITY, Universitas Indonesia**



Dr. Ahmad Gamal is the Chief Partnership Manager at CCR SMART CITY, Universitas Indonesia, and an assistant professor at the university's Department of Architecture. He holds a PhD in Regional Planning and a master's in Urban Planning from the University of Illinois at Urbana-Champaign, where he received multiple awards. His academic background also includes a Master of Arts in Communication Management from the London School of Public Relations. Dr. Gamal's research focuses on the economic impact of physical development, urban development's role in poverty alleviation, and leveraging technology for regional growth monitoring. His expertise has been recognized nationally through his work at BAPPENAS, Indonesia's Ministry of Development Planning.

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## Tatang Muttaqin, S.Sos., M.Ed., Ph.D.

**Act. Director General of Vocational Education  
Ministry of Education, Culture, Research, and Technology**



Tatang Muttaqin is the acting Director General of Vocational Education at Indonesia's Ministry of Education, Culture, Research, and Technology. With a PhD in Sociology and extensive experience in government reform, he participated in executive education programs at Harvard Kennedy School, focusing on digital transformation and government innovation. Previously, he managed Open Government Indonesia and has been a key figure in higher education and science policy. He has authored several books and journal articles on education reform and development, and serves on editorial boards and as a reviewer for various academic journals.

## Prof. Yusep Rosmansyah, S.T, M.Sc., Ph.D.

**Director  
Directorate of Educational Development, Institut Teknologi Bandung**



Prof. Yusep is a Professor in Information Technology at the School of Electrical Engineering and Informatics. He earned his undergraduate degree from ITB Bandung, and his master's and doctorate from the University of Surrey. Prof. Yusep's research focuses on digital learning environments, including smart learning systems, collaborative problem-solving models, and the development of Learning Management Systems.

## Prof. Mohd Shafry Mohd Rahim

**Deputy Vice Chancellor (Academic & International)  
Universiti Teknologi Malaysia**



Prof. Mohd Shafry Mohd Rahim is the Deputy Vice Chancellor (Academic & International) at Universiti Teknologi Malaysia (UTM) and a Professor of Image Processing at the School of Computing. With over 22 years of experience in academia, he leads research efforts in image processing, computer graphics, and spatial modeling, while also contributing as a member of Institute of Electrical and Electronics Engineer and International Association of Engineers. Additionally, he was the head of the Virtual, Vision and Visualization Research Lab (UTM ViCubeLab) in 2014.



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**Dr. Fadhil Hidayat**

**Researcher**

**Smart City and Community Innovation Center, Institut Teknologi Bandung**

Dr. Fadhil Hidayat, S.Kom., M.T., is a researcher at the Smart City and Community Innovation Center (SCCIC) and a lecturer at the School of Electrical Engineering and Informatics, ITB. He holds a Ph.D. from ITB and specializes in information security, AI, and IoT for smart cities. Dr. Fadhil has led various projects, including blockchain-based security systems and big data analytics for public infrastructure, and is actively involved in smart city innovations and international collaborations.



**Ir. I Gusti Bagus Baskara Nugraha, S.T., M.T., Ph.D.**

**Researcher**

**Smart City and Community Innovation Center, Institut Teknologi Bandung**

Ir. I Gusti Bagus Baskara Nugraha, S.T., M.T., Ph.D., is a senior lecturer at the School of Electrical Engineering and Informatics, ITB, specializing in Information Technology. With a Ph.D. from the University of Electro-Communications in Tokyo, Dr. Nugraha has over a decade of teaching and research experience. His work focuses on smart city innovations, AI, IoT, and big data analytics. He has led numerous research projects, including the development of smart and secure platforms, smart city masterplans, and disease screening applications for agriculture, contributing significantly to the advancement of smart technologies in Indonesia.



**Dr. Myrna Asnawati Safitri, S.H., M.S.I.**

**Deputy for Environment and Natural Resources**

**Nusantara Capital City Authority**

Dr. Myrna Asnawati is an environmental law expert and academic who has significantly contributed to natural resource management and legal reforms in Indonesia. She holds a Ph.D. in Law from Leiden University and a master's degree in anthropology from the University of Indonesia. Myrna was a Deputy at the Peatland and Mangrove Restoration Agency of Indonesia, where she played a pivotal role in designing programs like Desa Mandiri Peduli Gambut and Desa Mandiri Peduli Mangrove. Currently, she teaches Environmental Law and Spatial Planning at the University of Pancasila. Her extensive experience spans across various government bodies, NGOs, and religious organizations, including roles at the Ministry of Environment and Forestry, Bappenas, the Ministry of Law and Human Rights, the Corruption Eradication Commission, the Epistema Institute, and Nahdlatul Ulama.





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## Dr. Suraya Afiff PhD

**Lecturer, Department of Anthropology  
Universitas Indonesia**



Suraya A. Afiff, Ph.D., is a faculty member at the Department of Anthropology, teaching both undergraduate and graduate programs at the University of Indonesia. She earned her bachelor's degree in Biology from the Faculty of Mathematics and Natural Sciences at the University of Indonesia in 1985, a master's degree in Marine Affairs and Policy from the University of Miami in 1996, and a Ph.D. in Environmental Science, Policy, and Management from the University of California, Berkeley in 2004. Before academia, she served as Program Manager at WALHI Indonesia from 1988 to 1994 and later joined the KARSA Institute in 2004. She was also the head of the Anthropology Study Center at the University of Indonesia from 2007 to 2017 and has conducted extensive research on environmental policy and sustainable agriculture.

## Cynthia Krisanti

**Director of Innovation  
Pijar Foundation**



Ms. Cynthia Krisanti is a tech leader turned venture capitalist with over a decade of experience in technology, business analysis, and commercial strategy. She has held key roles at Ula, a B2B commerce venture backed by Jeff Bezos, and Go-Jek, where she led international growth efforts. As a co-founder of a retail-as-a-service startup, she helps democratize premium retail spaces for Direct-to-Consumer brands in Indonesia. Cynthia holds an MSc in Strategic Marketing from Imperial College London and a BSc in Industrial Engineering from the Institute of Technology, Bandung, embodying innovation and leadership in the tech and venture capital space.

## Dr. Dwinita Larasati, S.Sn., M.A.

**Lecturer, Faculty of Art & Design  
Institut Teknologi Bandung**



Dr. Dwinita Larasati is a lecturer in the Faculty of Art & Design. She co-founded the Bandung Creative City Forum (BCCF) in 2008, serving as its chairman from 2018 to 2021. She is currently serving as Executive Committee for the Indonesia Creative Cities Network (ICCN), which connects creative communities across more than 240 cities. Dwinita holds degrees from ITB Bandung (1997), the Design Academy Eindhoven (1999), and Delft University of Technology (2007). Her extensive research includes sustainable architecture, design thinking, and sustainability.



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**Prof. Ir. Bambang Hari Wibisono, MUP., M.Sc., Ph.D.**

**Head of Research Center for Regional Development Planning  
Universitas Gadjah Mada**



Prof. Bambang is an expert in urban and regional planning with a focus on urban design, transport planning, and the built environment. He holds a PhD from the University of Melbourne, where he studied the transformation of Jalan Malioboro in Yogyakarta. Prof. Bambang also earned a Master of Science in Transportation Engineering and a Master of Urban Planning from the University of Wisconsin-Milwaukee. His research interests include urban design, urban planning, and urban heritage conservation, contributing significantly to these fields through both academic and practical work.

**Viandira Athia**

**Head of Creative Catalyst  
ACE Youth Summit**



Ms. Viandira Athia is a freelance arts programme consultant and researcher. She holds a Master's degree in Creative Industries and Cultural Policy, which underpins her expertise in the field. She is recognized for her role as the Head of Creative Catalyst for ACE-YS 2024, where she leads initiatives aimed at fostering creativity and collaboration within the arts community. In addition to her consultancy work, Athia is actively involved in various projects that promote cultural engagement and development.



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Indicative Program *(as of 7 October 2024)*

Day 1-3, *by-invitation only*

DAY 1: Smart Cities and Sustainable Infrastructure for the Urban Futures Tuesday, 05 November 2024			
Time	Duration	Activity	Speaker
09:00 - 09:30	30'	Arrival, registration and morning coffee	
09:30 - 09:45	15'	Welcoming session by the organizing partners and speaker introduction	<p>Prof. Suhono Harso Supangkat (SCCIC ITB) Welcome to ITB campus and about SCCIC ITB</p> <p>Prof.dr. H.W. van den Doel (LDE) Greeting from Leiden-Delft-Erasmus Universities</p> <p>Shanti Jagannathan (ADB) Greeting from ADB and objectives of the program</p>
09:45 - 10:15	30'	Participant introduction	<p>MC and participants</p> <p><i>Each participant will be given a 1-minute time slot to introduce themselves</i></p>
10:15 - 11:00	45'	<p><b>Session 1:</b></p> <p>1. Overview of the smart cities concept: social, economic, and historical foundations for building a trusted society</p> <p>2. Garuda Framework</p>	<p>Prof. Suhono Harso Supangkat (SCCIC ITB)</p> <p><i>Prof. Suhono Harso Supangkat will outline the smart city framework, focusing on digital infrastructure, data-driven services, and IoT. He will discuss the Garuda Smart City Framework's role in urban planning and emphasize how smart city solutions enhance public service delivery, transparency, and societal trust through technology integration.</i></p>
11:00 - 11:45	45'	<p><b>Session 2:</b></p> <p>1. Smart cities within a broader international perspective</p> <p>2. Waste and water management</p>	<p>Dr Paul Rabé (Erasmus)</p> <p><i>Dr. Paul Rabé will discuss smart cities from an international perspective, showcasing successful initiatives from various countries and their relevance to developing nations. He will highlight how smart technologies enhance waste and water management for sustainability and resilience, addressing the specific challenges faced by cities in Indonesia.</i></p>
11:45 - 12:00	15'	Q&A and discussion	MC

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12:00 - 13:00	60'	Lunch break	
13:30 - 14:00	30'	<b>Case study:</b> ADB's initiatives in water and urban development in Indonesia and its existing challenges	Joris van Etten (ADB)  <i>Joris van Etten will outline ADB's strategic priorities and initiatives in urban development and water resource management in Indonesia. He will address the challenges faced and share successful case studies, highlighting scalable solutions for broader regional application.</i>
14:00 - 14:15	15'	Q&A and discussion	MC
14:15 - 14:45	30'	Coffee break	
14:45 - 15:45	60'	<b>Group exercise:</b> City's water perspective	Dr Paul Rabé (Erasmus)
15:45 - 16:00	15'	Wrap up first day	MC

## DAY 2: Digital and Innovative Governance Wednesday, 06 November 2024

Time	Duration	Activity	Speaker
09:00 - 09:30	30'	Arrival, registration and morning coffee	
09:30 - 09:45	15'	First day recap	MC
09:45 - 10:15	30'	<b>Session 3:</b> 1. Overview of digital government in smart cities context 2. Digital government	Aris Kurniawan (KOMINFO) <b>TBC</b>  <i>Aris Kurniawan will discuss the fundamentals of digital government within smart city ecosystems, highlighting how technology streamlines public services, governance, and citizen engagement. He will also emphasize the importance of cross-sectoral collaboration between government, the private sector, and citizens in driving digital transformation and creating more efficient, responsive urban environments.</i>
10:15 - 10:45	30'	<b>Case study:</b> Bandung city's smart government initiatives in public services improvement	Ir. A. Koswara, M.P. (Act. Mayor, Bandung) <b>TBC</b>  <i>A. Koswara. will highlight successful digital governance initiatives in Bandung, focusing on public service improvements, transparency, and e-governance.</i>

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10:45 - 11:45	60'	<p><b>Sharing session and problem solving:</b> Participants will share their department's e-governance initiatives to ensure the transparency and accountability in the implementation of their programs</p> <p><i>Example of problem solving: high number of government applications (24,000) based on KOMINFO report</i></p>	Participants
11:45 - 12:00	15'	Q&A and discussion	MC
12:00 - 13:00	60'	Lunch break	
13:00 - 13:30	30'	<p><b>Session 4:</b> Bridging offline and online infrastructures in policymaking</p>	<p>Dr. A.R. Shidiq (Leiden)</p> <p><i>Dr. A.R. Shidiq will explore how governments, particularly in Indonesia, can bridge physical and digital infrastructures to create more data-driven, inclusive, and responsive policies. He will highlight his current project on government apps in Jogja Smart Province, developed in collaboration with Pemda, Bappenas, and UGM.</i></p>
13:30 - 14:00	30'	<p><b>Session 5:</b> Policy innovation</p>	<p>Ahmad Gamal (UI)</p> <p><i>Ahmad Gamal will discuss the importance of rethinking traditional urban policies to foster innovation in governance, infrastructure, and community services. He will emphasize the value of public-private partnerships in driving policy innovation, and offer insights into overcoming bureaucratic barriers when introducing disruptive urban innovations.</i></p>
14:00 - 14:15	15'	Q&A and discussion	MC
14:15 - 14:45	30'	Coffee break	
14:45 - 15:45	60'	<p><b>Group exercise:</b> Collaborative game on city design involving multiple stakeholders</p>	Dr. Nelson Mota (Delft)
15:45 - 16:00	15'	Wrap up second day	MC

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## DAY 3: Inclusive Learning and Social Wellbeing Thursday, 07 November 2024

Time	Duration	Activity	Speaker
09:00 - 09:30	30'	Arrival, registration and morning coffee	
09:30 - 09:45	15'	Second day recap	MC
09:45 - 10:15	30'	<b>Session 6:</b> 1. Overview of lifelong learning in smart cities context 2. Inclusive lifelong learning	Tatang Muttaqin (Act. DG Vocational Education, MoECRT)  <i>Tatang Muttaqin will provide an overview of lifelong learning within the smart cities context, focusing on how smart technologies can support continuous education and skill development for all citizens. He will emphasize the Ministry's commitment to inclusive lifelong learning, ensuring access for diverse populations across Indonesia.</i>
10:15 - 10:45	30'	<b>Session 7:</b> EdTech	Prof. Yusep Rosmansyah, S.T., M.Sc., Ph.D. (ITB)  <i>Prof. Yusep will discuss the role of EdTech in smart cities, focusing on how technology can transform education delivery, making it more accessible and adaptive to modern needs. He will highlight innovative digital learning platforms and their potential to bridge education gaps, particularly in Indonesia's diverse regions.</i>
10:45 - 11:15	30'	<b>Session 8:</b> Lifelong learning and AI	Professor Dr. Mohd Shafry Mohd Rahim (Universiti Teknologi Malaysia)  <i>Prof. Shafry will explore how AI and digital platforms can support inclusive, lifelong learning in cities, helping citizens adapt to new technologies. He will discuss the future of education in smart cities, focusing on how AI can bridge educational gaps and ensure marginalized groups benefit from AI-driven learning initiatives.</i>
11:15 - 11:45	30'	Introduction to Smart-X	Dr. Fadhil Hidayat (SCCIC)  <i>Dr. Fadhil Hidayat will introduce the Smart-X program, explaining how it aims to create adaptable, scalable solutions for smart cities. He will highlight the collaborative framework, emphasizing partnerships between cities, academia, and private companies to drive urban innovation. He will also discuss how Smart-X</i>

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			<i>can be tailored to diverse urban contexts and development stages.</i>
11:45 - 12:00	15'	Q&A and discussion	MC
12:00 - 13:00	60'	Lunch break	
13:00 - 13:30	30'	<b>Session 9:</b> Social wellbeing (aging group) and urban resilience	Dr. Cristiana Strava (Leiden)  <i>Dr. Cristiana Strava will discuss how cities can design urban environments that cater to aging populations, enhancing their social well-being and access to services. She will explore strategies for fostering social and environmental resilience through inclusive infrastructure and community engagement, and share methods for embedding social equity into urban design to benefit all citizens.</i>
13:30 - 15:00	90'	Reflection session	Prof. Bart Barendregt (Leiden) Ryotaro Hayashi (ADB)  <i>This reflection session invites local governments to consolidate their learnings, identify key takeaways, and envision actionable steps for implementation. It encourages participants to share insights, prioritize strategies for adaptation, and explore how new approaches can enhance local policies, foster innovation, and support sustainable development within their communities.</i>
15:00 - 15:15	15'	Q&A and discussion	MC
14:15 - 14:45	30'	Coffee break	
15:45 - 16:00	15'	Wrap up third day and training feedback survey collection	



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# URBAN FUTURES LEADERSHIP ACADEMY 2024

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## Day 4, *open for public participants*

DAY 4 Friday, 08 November 2024 Public Event			
Time	Duration	Activity	Speaker
08:45 - 09:00	15'	Arrival, registration, name tag distribution, and morning coffee	
09:00 - 09:05	5'	MC opening	MC
09:05 - 09:20	15'	Opening remarks and partners acknowledgement	Prof. Dr. Ir. Suhono Harso Supangkat, M.Eng. (ITB) Prof. Bart Barendregt (Leiden) Ryotaro Hayashi (ADB)
09:20 - 09:25	5'	Commemorative group photo	MC
09:25 - 09:40	15'	<b>Keynote Speaker #1</b>  <b>TOPIC: Sustainable Cities</b>  <i>Strategies to create environmentally resilient cities that prioritize resource efficiency, renewable energy integration, and sustainable urban planning.</i>	Ir. I Gusti Bagus Baskara Nugraha, S.T., M.T., Ph.D. (SCCIC ITB)
09:40 - 10:20	40'	<b>Panel Session #1</b>  <b>TOPIC: Sustainable Cities</b>  <i>The panel will explore sustainable cities through multiple lenses: urban planning, governance, and the socio-environmental impact. Panelists will share insights from their diverse experiences, highlighting the critical role of collaborative governance and community engagement.</i>	<b>Moderator:</b> Dr. Fadhil Hidayat (SCCIC ITB)  <b>Panellists:</b> Dr. Cristiana Strava (Leiden) Dr. Myrna Safitri (OIKN) <b>TBC</b> Dr. A.R. Shidiq (Leiden)
10:20 - 10:30	15'	Discussion and Q&A session	MC

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Innovating the smart, sustainable, learning, and liveable cities of the future.



10:30 - 10:45	15'	<p><b>Keynote Speaker #2</b></p> <p><b>TOPIC: Learning Cities</b></p> <p><i>How cities can harness data and technology to foster continuous education, lifelong learning, and knowledge sharing among citizens and institutions</i></p>	Ryotaro Hayashi (ADB)
10:45 - 11:25	40'	<p><b>Panel Session #2</b></p> <p><b>TOPIC: Learning Cities</b></p> <p><i>The panel will discuss learning cities by focusing on inclusive community learning, ensuring that education is accessible and equitable for all. They will explore innovations in online learning design, while also examining the role of technology and venture capital in driving educational innovation and scalability.</i></p>	<p><b>Moderator:</b> Ryotaro Hayashi (ADB)</p> <p><b>Panellists:</b> Dr. Nelson Mota (Delft) Suraya Afiff PhD (UI) Cynthia Krisanti (Pijar Foundation, Director of Innovation)</p>
11:25 - 11:40	15'	Discussion and Q&A session	MC
11:40 - 13:00	80'	Lunch and Friday prayers break	
13:00 - 13:15	15'	<p><b>Keynote Speaker #3</b></p> <p><b>TOPIC: Liveable Cities</b></p> <p><i>Ways to enhance urban living conditions through intelligent infrastructure, inclusive design, and community-centric approaches.</i></p>	Dr. Dwinita Larasati, S.Sn., M.A. (ITB)
13:15 - 13:55	40'	<p><b>Panel Session #3</b></p> <p><b>TOPIC: Liveable Cities</b></p> <p><i>The panel will explore how the livable dimension of a city is shaped by integrating the creative industry, culture, memory, history, and heritage. It will also emphasize the critical role of younger generations in participating within the creative economy to foster innovation and sustain urban resilience for future growth.</i></p>	<p><b>Moderator:</b> Prof. Bart Barendregt (Leiden)</p> <p><b>Panellists:</b> Dr Paul Rabé (Erasmus) Prof. Bambang (UGM) Viandira Athia (Head of Creative Catalyst, ACE Youth Summit)</p>
13:55 - 14:10	15'	Discussion and Q&A session	MC
14:10 - 14:30	20'	Closing session	



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## About Urban Futures Concept

"Urban Futures" refers to the proactive and strategic envisioning and planning of cities that integrate advanced technologies, sustainable practices, lifelong learning opportunities, and enhanced liveability. This holistic concept emphasizes creating urban environments that are resilient, inclusive, and conducive to the well-being of their inhabitants.

Key elements of Urban Futures include:

1. *Smart Technology Integration: Leveraging digital technologies, data analytics, and Internet of Things (IoT) to enhance urban services, infrastructure, and governance, making cities more efficient, transparent, and responsive to citizens' needs.*
2. *Sustainable Practices: Prioritizing environmental stewardship through resource efficiency, renewable energy, sustainable solutions, green building practices, and adaptive climate strategies to minimize the ecological footprint and ensure long-term resilience.*
3. *Lifelong Learning: Fostering environments where continuous education and skill development are accessible to all, enabling residents to adapt to changing economic conditions and technological advancements, and cultivating a culture of knowledge sharing.*
4. *Liveability: Designing urban areas that prioritize quality of life, including safe, healthy, and inclusive public spaces, efficient transportation systems, affordable housing, access to healthcare and social services, and vibrant cultural and recreational opportunities.*
5. *Inclusivity: Ensuring that all residents, regardless of age, socio-economic status, race, or ability, have equal access to the benefits of urban living, fostering social equity, cohesion, and community wellbeing.*

In essence, Urban Futures encapsulates the aspiration and blueprint for cities that are forward-thinking, adaptable, and resilient, aiming to create environments where technology, sustainability, continuous learning, and liveability converge to enhance the overall quality of life for all citizens.