

UN Department of Economic and Social Affairs – Seoul National University

## Governance Capacity Development Session Series

*Strengthening Public Governance  
& Accelerating Innovation to Achieve Agenda 2030*

### Session 4

## Making Digital Transformation and ESG compatible and mutually reinforcing

### Session Guidance Note

Friday, 23 April 2021  
15:00 -16:30 Seoul GMT+9

#### I. Background and Context

The essential value of advanced technologies including digital technologies is the improvement and enhancement of human values and enabling conditions needed thereof. Through significant achievement of technological enhancement in those areas of Big Data, AI, AR/VR, IoT, Blockchain, robotics, and mobile communication including 5G, people now have tools to dramatically improve environment, industries, businesses, education, culture, social services, transportation, and person-to-person connections. While, such digital technologies render a big range of opportunities to improve and advance human well-beings, there should be clear and basic consideration that should be applied to the development and implementation of such digital technologies based on ESG.

This Session will provide opportunities to explore how the development of digital technologies and their practical applications and implementation can be shaped in ways to ensure that they contribute to the improvement rather than deterioration or infringement of human well-beings, according to the framework and principles of ESG. Moreover, this Session will try to shed a light on a new path on how the ESG principles can provide new insights for those group of digital technology communities on discovering and exploring inspirational ideas to drive digital technologies to be architected and developed in a way to be accepted and welcomed by more people through providing much bigger social values as well as covering important basic human services.

## II. Structure & Agenda

Time (Seoul, GMT+9)	Session
15:00 - 15:05	<b>Session Introduction by Moderator</b>  <b>Mr. John H. Song</b> , Deputy Director of Global R&DB Center (GRC), Seoul National University
15:05 - 16:25	<b>Presentations: Making Digital Transformation and ESG compatible and mutually reinforcing</b>
15:05 - 15:25	<b>ESG-embedded Business Model Innovation based on Digital Transformation</b>  <b>Dr. Young-Sup Joo</b> , Distinguished Professor of Graduate School of Engineering & Technology, Korea University
15:25 - 15:45	<b>Digital Transformation and ESG</b>  <b>Mr. Wonki Min</b> , President, SUNY Korea (The State University of New York, Korea)
15:45 - 16:05	<b>Unlocking Digital Transformation for All: Opportunities and Risks</b>  <b>Dr. Zaki B. Khoury</b> , Senior Digital Development Specialist, The World Bank
16:05 - 16:25	<b>Q&amp;A / Interactive Session</b>
16:25 - 16:30	<b>Summary &amp; Wrap-up by Moderator</b>

## III. Bio of Presenters

### Prof. Young-Sup Joo

Dr. Young-Sup Joo is engaged with Korea University as Distinguished Professor, and with Korea ICT Convergence Network (KICON) as Chairman. He is also a member of National Academy of Engineering of Korea (NAEK). He served for the Korean government as SME Minister, Member of National Economic Advisory Council, and Managing Director of Office of Strategic R&D Planning (OSP), Ministry of Knowledge Economy (now MOTIE). Prior to that, he had spent 30 years with the industry, including several CEO positions at Hyundai Motor Group and GE Group.

### Mr. Wonki Min

Mr. Wonki Min is a global leader in digital policy. He is President of SUNY (The State University of New York) Korea. He is the former Vice Minister at the Korean Ministry of Science and ICT where he led to set up the National AI Strategy. He chaired the OECD AI Expert Group and the Committee on Digital Economy Policy (CDEP) which produced the

OECD AI Principles. He was the Chairman of the 2015 ITU Council and the 2014 ITU Plenipotentiary Conference.

**Dr. Zaki B. Khoury**

Dr. Zaki Khoury is Senior Digital Development Specialist at the World Bank Digital Development Global Practice. His focus is on helping governments in advancing their data-driven digital economy, providing thought leadership on enabling policies for accelerating digital transformation and ensuring secure data infrastructure of the future. He is a leading contributor to the global work on Artificial Intelligence (AI) for Development and effective Data Governance Ecosystem.

Dr. Khoury is a member of the OECD network of experts on AI (ONE AI), and the World Bank Korea Office's Global Technology and Innovation program. He holds a PhD in Planning (UdeM), MSc. in Economics (UCL) and BSc. in Engineering (AU). He has also continued his executive education in Business (Harvard) and Management (McGill). He authored and spoke extensively on issues of digital transformation, disruptive technologies, and digital development.

#### **IV. Pre-Registered/Guiding Questions**

None

#### **V. Certificate of Attendance**

Upon successful completion of this Governance Capacity Development Session Series, you will receive a Certificate of Attendance jointly issued by UN DESA and SUN GRC, which will be a valuable proof of acquiring in-depth knowledge on SDGs and ESG approaches for your professional practice.

#### **VI. Online Participation via Zoom**

You can join the Governance Capacity Development Session Series through either ZOOM or YouTube with below links. When you are registered to the Session Series, you will be given a security code to access the training for receiving a Certificate of Attendance while YouTube will be open for general audience.

- Via ZOOM:  
[https://snu-ac-kr.zoom.us/webinar/register/WN\\_AELAJxbUQJGz9hW1GsYvCA](https://snu-ac-kr.zoom.us/webinar/register/WN_AELAJxbUQJGz9hW1GsYvCA)

#### **VII. Registration and Inquiry**

If you may have difficulties to register through the weblink or any other queries, please contact us:

- UNPOG: Ms. Jihyun (Jenny) Jeoung, [jihyun.joung@un.org](mailto:jihyun.joung@un.org)
- SNU GRC: Ms. Rosie Hyein Lee, [hyein.lee@snu.ac.kr](mailto:hyein.lee@snu.ac.kr)

## VIII. Background Readings

Sustainable Development Goals Fund (2018). Business and SDG 16 Contributing to Peaceful, Just and Inclusive Societies.

[https://www.sdgfund.org/sites/default/files/Report\\_Business\\_And\\_SDG16.pdf](https://www.sdgfund.org/sites/default/files/Report_Business_And_SDG16.pdf)

Transparency, Accountability & Participation (TAP) Network (2015). Goal 16 Advocacy Toolkit.

<https://sustainabledevelopment.un.org/content/documents/9935TAP%20Network%20Goal%2016%20Advocacy%20Toolkit.pdf>

UN Global Alliance on SDG16 (2019). Enabling the Implementation of the 2030 Agenda Through SDG 16+.

<https://www.sdg16hub.org/system/files/2019-07/Global%20Alliance%2C%20SDG%2016%2B%20Global%20Report.pdf>

UNEP Finance Initiative and United Nations Global Compact (2018). UN Principles for Responsible Investment.

<https://www.unpri.org/download?ac=10948>

UNEP Finance Initiative and United Nations Global Compact (2018). Investing with SDG Outcomes: A Five-Part Framework.

<https://www.unpri.org/download?ac=10795>

United Nations (2020). Sustainable Development Goals Progress Chart 2020.

[https://sustainabledevelopment.un.org/content/documents/26727SDG\\_Chart\\_2020.pdf](https://sustainabledevelopment.un.org/content/documents/26727SDG_Chart_2020.pdf)

United Nations (A/RES/70/1). Transforming our world: the 2030 Agenda for Sustainable Development.

<https://sustainabledevelopment.un.org/content/documents/21252030%20Agenda%20for%20Sustainable%20Development%20web.pdf>

United Nations, Committee of Experts on Public Administration (2018). Principles of Effective Governance for Sustainable Development.

<https://www.sdg16hub.org/system/files/2020-08/booklet%20-%20Principles%20of%20Effective%20Governance%20for%20Sustainable%20Development.pdf>

United Nations. Decade of Action to deliver the Global Goals.

<https://www.un.org/sustainabledevelopment/decade-of-action/>

United Nations. SDG Good Practices - Featured Stories.

<https://sustainabledevelopment.un.org/partnerships/goodpractices/featured>

Wilburn, K., & Wilburn, R. (2020). ESG Reporting Using UN Sustainable Development Goals. ISSN 2168-0612 FLASH DRIVE ISSN 1941-9589 ONLINE, 2.

<https://www.theibfr.com/wp-content/uploads/2020/01/ISSN-1941-9589-V15-N1-2020.pdf#page=7>