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Identifying effective tools for measuring climate change mitigation & adaptation in the construction sector

A discussion of 'Excellence in Design for Greater Efficiencies (EDGE)', and 'Building Resilience Index (BRI)' tools

Hosted by the Korea Green Growth Trust Fund (KGGTF)

Thursday, November 16, 2023

8:00 PM – 9:30 PM (EST)

Microsoft Teams

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According to [World Bank research](#), climate change could drive 216 million people to migrate within their own countries by 2050, with hotspots of internal migration emerging as soon as 2030, spreading and intensifying thereafter.

In this webinar, IFC will present two effective tools for measuring climate change mitigation and adaptation in the construction sector: [Excellence in Design for Greater Efficiencies \(EDGE\)](#) and [Building Resilience Index \(BRI\)](#). Three presenters-- Ommid Saberi, Michelle Marie Farrell, and Guido Licciardi-- will reflect on experiences and share lessons learned on resource efficiency and resilience.

Jong-sung Lee, Senior Research Fellow, Land & Housing Research Institute, Korea, will present on green certification and green housing policy cases in Korea, and Dao Harrison, Senior Housing Specialist, World Bank, will share ongoing work with the Indonesia green building certification and the Mongolia Green building Council rating system.

The webinar will conclude with a Q&A session.

Opening:

- **Hyoung Gun Wang**, KGGTF Program Manager, World Bank

Introduction of EDGE and BRI:

- **Ommid Saberi**, Senior Industry Specialist - Global Lead for EDGE and BRI, IFC
- **Michelle Marie Farrell**, Senior Operations Officer, IFC
- **Guido Licciardi**, Senior Operations Officer, World Bank

Discussions:

- **Jong-sung Lee**, Senior Research Fellow, Land & Housing Research Institute, Korea
- **Dao Harrison**, Senior Housing Specialist, World Bank

Q&A

Hyoung Gun Wang is the Program Manager of the Korea Green Growth Trust Fund (KGGTF) in the SD Chief Economist Unit of the World Bank, based in Washington DC, USA.

Before starting the KGGTF assignment in September 2020, he was the Task Team Leader of several urban lending projects in Afghanistan and the Global Smart City Partnership Program and led various analytical and advisory works at the World Bank that spanned more than 30 countries in 6 Regions.

Prior to joining the World Bank, he worked as an economist at the Bank of Korea (the Central Bank of Korea). He holds a Ph.D. in Economics from Brown University.



Ommid Saberi, Senior Industry Specialist - Global lead for IFC's EDGE Green Buildings and Building Resilience programs, works across projects within World Bank including IFC investment and advisory projects and has done extensive work with the property sector, as well as funds and commercial banks to divert the investments to climate smart and resilience projects.

Before joining IFC, Ommid advised on sustainability strategies for property development projects in the U.K., Middle East and Asia including the development of green building codes for multiple countries.



Michelle Marie Farrell, Senior Operations Officer, IFC, is part of the Building Market Transformation Program, which focuses on financing green buildings and developing tools for assessing the performance of environmentally friendly buildings. She works directly with emerging markets through advisory and investment projects to increase the adoption of sustainable building practices.

Michelle brings a unique blend of expertise to her role in promoting sustainable building practices to include understanding how banks can leverage sustainable finance to transform the built environment and drive the reduction of operational and embodied carbon in buildings.



Guido Licciardi, Senior Operations Officer, World Bank, is a development practitioner with 20-years' experience at the international level, and 15 of those years at the World Bank. He has a PhD in Engineering for DRM.

Guido served the institution in urban development and corporate roles, including at the Agile Bank Program. Among his tasks, he contributed to the Building Resilience Index (BRI), a hazard mapping and resilience assessment framework for the construction industry, developed by IFC.



Jong-Sung Lee, Senior Research Fellow, Land & Housing Research Institute, Korea, has worked on several green home research projects with Korea's Ministry of Land, Infrastructure, and Transport.

Jong-Sung has worked with Korea's Land and Housing Corporation on research projects to include establishing and activating sustainable strategies for the green remodeling of existing apartments and improving green home energy performance software and passive house design.

He has a master's degree in mechanical engineering from Kookmin University.



Dao Harrison is a Senior Housing Specialist at the World Bank, serving markets in the Asia Pacific region from the Singapore Hub for Infrastructure and Urban Development.

Dao's work focuses on deepening and strengthening housing markets, policies, and programs, particularly in developing market economies. Specifically, she supports programs that, among others: improve housing and real estate market functions, deliver housing finance-linked subsidy programs, and expand access to housing finance to low- and informal-income sectors.



This Brown Bag seminar is supported by the Korea Green Growth Trust Fund (KGTF), a partnership between the World Bank Group (WBG) and the Republic of Korea. As a technology-driven and implementation-focused trust fund, the partnership supports countries in their innovative and sustainable growth strategies and investments. KGTF is fully committed to supporting multi-sectoral initiatives for Green, Inclusive, and Resilient Development (GRID). Find out more at www.wbgkggf.org.

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