



International Business Forum

Implementing Resilient and Sustainable Infrastructure

November 10, 2023

SMX Convention Center, Pasay City, Philippines

Organized by:



Hosted by:



Background

The forum entitled "Implementing Resilient and Sustainable Infrastructure" is a platform designed to bring together policymakers, experts, professionals, and stakeholders from various sectors to discuss and address the challenges and opportunities related to the development and implementation of resilient and sustainable infrastructure.

Infrastructure plays a crucial role in the economic, social, and environmental development of countries and communities. However, traditional infrastructure models often fail to account for long-term sustainability, resilience to climate change, and the efficient use of resources.

This forum aims to explore innovative approaches, best practices, and collaborative strategies to overcome these challenges and promote the implementation of resilient and sustainable infrastructure.

Objectives

The objective of the forum is to facilitate knowledge sharing, dialogue, and collaboration among participants to achieve the following goals:



RAISE AWARENESS

Create a platform to raise awareness about the importance of resilient and sustainable infrastructure for long-term economic growth, social well-being, and environmental protection. Highlight the risks and challenges associated with traditional infrastructure models and showcase the benefits and opportunities offered by sustainable alternatives.





KNOWLEDGE EXCHANGE

Foster an environment for sharing best practices, lessons learned, and innovative ideas related to the planning, design, financing, construction, and maintenance of resilient and sustainable infrastructure. Encourage the exchange of experiences and expertise among participants from diverse backgrounds, including government agencies, private sector organizations, research institutions, and civil society.



POLICY DEVELOPMENT

Facilitate discussions on policy frameworks, regulations, and incentives that can promote the adoption of resilient and sustainable infrastructure practices. Identify barriers and challenges to policy implementation and explore strategies to overcome them. Foster collaboration between policymakers and stakeholders to develop comprehensive and effective policies that support the transition to sustainable infrastructure.



PARTNERSHIP BUILDING

Facilitate networking and partnership opportunities among participants, encouraging collaboration between different sectors and disciplines. Promote public-private partnerships and knowledge sharing between countries and regions to accelerate the implementation of resilient and sustainable infrastructure projects. Explore avenues for financial support and investment in sustainable infrastructure initiatives.



ACTION-ORIENTED OUTCOMES

Generate actionable recommendations, guidelines, and roadmaps to guide the implementation of resilient and sustainable infrastructure at local, regional, and global levels. Encourage participants to commit to concrete actions and initiatives that contribute to the development of sustainable infrastructure systems.

By addressing these objectives, the forum aims to contribute to the global sustainability agenda, promote resilience in the face of climate change, and foster the development of infrastructure that meets the needs of present and future generations.



Session 1

Understanding Resilient and Sustainable Infrastructure

In an era marked by urbanization, population growth, and climate change, resilient and sustainable infrastructure is crucial. It includes transportation, energy, water, and communication systems that underpin societies. However, traditional infrastructure faces vulnerabilities to disasters, shortages, and disruptions.

Objectives:

- **Shocks Resilience:** Build systems that withstand and recover from disasters and disruptions, maintaining essential services.
- **Climate Change Mitigation:** Create eco-friendly infrastructure to reduce carbon footprint, enhance energy efficiency, and use renewable sources.
- **Economic Viability:** Invest in resilient infrastructure for long-term economic benefits, business continuity, and job creation.
- **Social Equity:** Ensure fairness by designing infrastructure that serves marginalized communities equitably.
- **Technological Innovation:** Embrace new materials, smart tech, and data-driven monitoring for efficient and adaptable systems.
- **Policy and Governance:** Develop effective policies and international collaboration to set standards and ensure resilience.
- **Global Cooperation:** Address the global challenge through shared knowledge, resources, and solutions.

Understanding resilient and sustainable infrastructure entails creating systems that withstand shocks, fight climate change, drive economies, promote fairness, innovate with technology, implement policies, and collaborate globally.



Session 2

Building Resilient and Sustainable Cities

Rapid urbanization, climate change challenges, resource scarcity, population growth, and inequality underscore the need for resilient, sustainable cities. These areas house diverse populations and pivotal economic and cultural activities. However, vulnerabilities to environmental degradation, inadequate infrastructure, and social unrest are evident. Building resilient, sustainable cities is a global priority for governments, planners, policymakers, and communities.

Objectives: Resilient, sustainable cities pursue interlinked goals to address complex urban challenges while fostering long-term well-being and prosperity:

- **Climate Resilience:** Develop adaptive strategies and infrastructure to withstand climate impacts such as extreme weather and rising sea levels.
- **Environmental Sustainability:** Minimize cities' ecological footprint through sustainable energy, waste management, water use, and green spaces.
- **Social Equity:** Ensure inclusive urban development by providing affordable housing, education, and healthcare, and addressing inequality.
- **Economic Prosperity:** Boost innovation, entrepreneurship, and job creation to enhance residents' lives and drive economic growth.
- **Infrastructure Resilience:** Establish robust transport, utility, and communication systems to maintain city function during disruptions.
- **Community Engagement:** Empower citizens in decision-making, allowing local input to shape urban development.
- **Biodiversity Conservation:** Infuse natural elements into urban design for biodiversity, air, water quality, and recreation.
- **Disaster Preparedness:** Develop comprehensive disaster plans to safeguard residents' safety and well-being.
- **Resource Efficiency:** Encourage judicious water, energy, and material use to minimize waste and costs.
- **Cultural Preservation:** Balance cultural heritage with modern development to foster identity and belonging.

Ultimately, building resilient, sustainable cities aims to create vibrant, adaptable urban environments that tackle challenges, adapt, and provide quality living for present and future generations. Collaboration among governments, businesses, communities, and stakeholders is crucial for effective, forward-thinking urban planning.



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SMX Convention Center, Pasay City, Philippines
10 November 2023 (Friday)

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| 8:00 AM – 9:00 AM | Registration and Coffee |
| 9:00 AM – 9:15 AM | Invocation and National Anthem Opening Preliminaries and House Rules |
| 9:15 AM – 9:20 AM | Welcome Remarks |
| 9:20 AM – 9:25 AM | Message from Partner Organization |
| 9:25 AM – 9:35 AM | Keynote Address |
| 9:35 AM – 9:40 AM | Presentation of Token to the Keynote Speaker |
| SESSION 1: | UNDERSTANDING RESILIENT AND SUSTAINABLE INFRASTRUCTURE |
| 9:40 AM – 9:45 AM | Coffee Break |
| 9:45 AM – 10:30 AM | <u>Policy and Planning for Resilient Infrastructure</u> |
| 10:30 AM – 11:15 AM | <u>Financing Resilient Infrastructure Projects</u> |
| 11:15 AM – 11:45 AM | Plenary/ Open Forum/ Q&A |
| 11:45 AM – 11:55 AM | Presentation of Token to the Speakers |
| 11:55 AM – 12:00 NN | Photo Ops |
| 12:00 NN – 1:00 PM | Lunch Break |
| SESSION 2: | BUILDING RESILIENT AND SUSTAINABLE CITIES |
| 1:00 PM – 1:45 PM | <u>Technology and Innovation for Resilient Infrastructure</u> |
| 1:45 PM – 2:00 PM | Coffee Break |
| 2:00 PM – 2:45 PM | <u>Ensuring Social and Environmental Sustainability</u> |
| 2:45 PM – 3:15 PM | Plenary/ Open Forum/ Q&A |
| 3:15 PM – 3:25 PM | Closing Remarks |
| 3:25 PM – 3:35 PM | Presentation of Token to the Speakers |
| 3:35 PM – 3:45 PM | Photo Ops |
| 3:35 PM – onwards | Networking |

Hosted by:

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