



ZERO-CARBON CITIES:

Opportunities, Challenges, Solutions



International FORUM featuring survey summary of 300 local governments in Japan

19 October (Wed.) 2022, 10:00-12:00 (JST)

Brazil, São Paulo: 22:00-24:00 PM (18th Oct.); Indonesia, Jakarta: 8:00-10:00 AM

Speakers

Original survey: results overview



Fedor Myasoedov

PhD candidate, GSAIS,
Kyoto University.

In recent years, a growing number of local governments have been declaring their commitments to achieving net-zero carbon emissions by 2050. Towards the net-zero goal, what motivates municipalities and what opportunities does climate action provide? What are the most common challenges and which drivers contribute to more effective action? What local initiatives are being planned and what have been the best practices?

Towards answering these questions this Forum will feature:

- **First release** of the results of the original survey, conducted by Fedor Myasoedov (PhD student at Kyoto University) **in 2022**, featuring responses from **300 local governments in Japan**.
- **Keynote presentations** and **commentaries** by distinguished speakers from Japan and overseas, representing city governments, academic institutions and international organisations. Through dialogue this Forum aims to arrive at a number of recommendations that could be of use for local governments and other urban stakeholders towards achieving the net-zero goal.

The big picture of net-zero



Yasuko Kameyama

Professor, Sustainable Social
Design Center, Graduate
School of Frontier Sciences,
the University of Tokyo

City case: Kyoto city, Japan



Representative of Kyoto City Hall

Environment bureau, Global Warming
Countermeasures Office

City case: Kobe city (port area), Japan



Representative of Kobe City Hall

Port and Harbor Bureau, Harbor
Planning Division

City case: Curitiba, Brazil



Alessandra Gosch

Civil engineer, Master in Urban and
Industrial Environments, Federal
University of Paraná, Curitiba, Brazil.

Commentators:

International organisations



Togo Uchida

Executive Director,
International city
network - Local
Governments for
Sustainability
(ICLEI) Japan

Community / citizen engagement



Junko Ota

Policy researcher,
Institute of Global
Environmental
Strategies (IGES),
Kitakyushu Urban
Center, Japan

Indonesia (Architecture, SDGs)



Fritz Akhmad Nuzir

Professor,
Architecture, leader of
the Center for SDGs
Studies, Bandar
Lampung University,
Indonesia

Moderator



Ilnazov Dimiter

Professor, GSAIS,
Kyoto University

Format: Hybrid (On-site and On-line via ZOOM)

Venue*: Lecture Hall, Higashi Ichijokan Building, Yoshida, Kyoto University

*Venue seats are limited to early registrations (max 30 seats)

Language: English

Registration (free of charge): <https://tinyurl.com/ZeroCarbonCityRegistration>

(DEADLINE: 18th October, 17:00)

More information (Program, Speaker profiles): <https://tinyurl.com/ZeroCarbonCityDetails>

For any questions, please contact Fedor Myasoedov: fedyam@gmail.com



ZERO-CARBON CITIES: Opportunities, Challenges, Solutions

International FORUM featuring original survey summary of 300 local governments in Japan

Speakers' Profile

Fedor Myasoedov

Mr. Fedor Myasoedov is a PhD student at the Graduate School of Advanced Integrated Studies in Human Survivability (GSAIS / Shishu-Kan) at Kyoto University. His research is focused around urban sustainability and climate change governance issues. He has conducted an original country-wide survey research of local governments in Japan to clarify the motivations, barriers and driving factors toward carbon neutrality in cities and towns. He has managed to obtain responses from 300 municipalities which he will share at the forum. He is the concept creator and the organizer of this Forum.



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Yasuko Kameyama

Prof. Kameyama has been working at National Institute for Environmental Studies (NIES) since 1992, including as a deputy director at the Center for Social and Environmental Systems Research from 2020. Currently, she is a professor at the Sustainable Social Design Center in the Graduate School of Frontier Sciences at the University of Tokyo.

Prof. Kameyama is conducting researches on international negotiations and institutions concerning climate change, by utilizing theories and methodologies of international relations. She is an author of numerous publications on climate change policy, including her comprehensive book "Climate Change Policy in Japan: From the 1980s to 2015" (Routledge, 2016).



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Representative of Kyoto City Government, Environment bureau, Global Warming Countermeasures Office at Kyoto City Hall.

Kyoto City hosted the COP3 (Conference of Parties) of the UNFCCC (United Nations Framework Convention on Climate Change) in 1997, at which the iconic Kyoto Protocol was adopted – the 1st international treaty to prevent global warming.

Kyoto city also was one of the first local governments in Japan to make a "Zero Carbon City" declaration - the commitment to achieve net-zero carbon emissions by 2050. The Global



Warming Countermeasures Office at Kyoto City Hall is working on planning and implementation of measures necessary to achieve city-wide carbon neutrality.

Representative of Kobe City Government, Port and Harbor Bureau, Harbor Planning Division

Kobe City is among the early adopters of the “Zero Carbon City” policy to achieve net-zero emissions by 2050. Kobe city harbors a major international port in Japan which serves as a hub of a vast sea, air and land transportation network. Kobe

City Port and Harbor Bureau is currently working on a major project to restructure the port area into the Carbon Neutral Port (CNP) which will serve as a base for the development and expansion of zero-carbon fuel (e.g. hydrogen, ammonia) infrastructure in Japan.



Alessandra Gosch

Ms. Gosch is a civil engineer, a specialist in environmental analysis, and a master in Urban and Industrial Environments graduated from the Federal University of Paraná (UFPR) in Curitiba, Brazil.

Curitiba reported as the greenest city in Latin America in 2016. In 2022, it was given the title of the most sustainable city in Latin America and the 14th in the world, having the best air quality in Central and South America. In Curitiba, Ms. Gosch has worked with urban planning, environmental impact studies, mobility, and traffic studies, in conjunction with infrastructure projects for different cities. She is currently a doctoral student in Information Management at UFPR, researching the use of information technologies to reduce environmental impacts.



Commentators' Profile

Togo Uchida

Mr. Uchida is an Executive Director of ICLEI Japan since 2018.

ICLEI – Local Governments for Sustainability is a global network of more than 2500 local and regional governments committed to sustainable urban development. Active in 125+ countries, ICLEI influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development. ICLEI Japan was founded in 1993, and serves to build and enhance the local governments' network in Japan.

As the director of ICLEI Japan, he has been facilitating many high-level discussion events featuring heads of states, ministers, mayors and other prominent figures in order to promote global collaboration to achieve



regional and global sustainability

Junko Ota

Ms. Ota is a policy researcher at Kitakyushu Urban Centre of the Institute for Global Environmental Strategies (IGES), specialized in localization of the Sustainable Development Goals (SDGs) and climate change policies. She serves as the member of the Kitakyushu City Environmental Council, and Japan's delegation for international negotiation (COP) of United Nations Framework Convention on Climate Change (UNFCCC). She is active in designing dialogues and workshops for the local stakeholders and public education, and certified facilitator for "2030 SDGs Game" (imacocollabo) and "Sustainable World BOARDGAME" (Future Technology Association for Promotion).



Fritz Akhmad Nuzir

Dr. Nuzir received his PhD at the Graduate School of Environmental Engineering, the University of Kitakyushu, Japan, in 2016. During 2017-2019 period, he was affiliated with the Institute for Global Environmental Strategies (IGES) as a policy researcher at the Kitakyushu Urban Center (KUC) unit. In IGES, he has been involved in several project research on the topics of low carbon city, urban waste management, environmental education, green open space and building, and Sustainable Development Goals (SDGs). Currently he is an assistant professor at the Universitas Bandar Lampung (UBL) in Architecture and Engineering, where he also leads the UBL Center for SDGs Studies. He is also practicing as a certified professional architect in Indonesia.



Ialnazov Dimiter Savov (Moderator)

Dimiter Ialnazov is a professor at the Graduate School of Advanced Integrated Studies in Human Survivability (GSAIS or Shishu-kan), Kyoto University, Japan. He teaches courses on Institutional and International Economics. The goal of his recent research is to propose solutions that would help accelerate the spread of renewable energy (RE) in emerging economies and developing countries. Specifically, he is doing case studies that could help identify in depth the drivers and challenges of the energy transformation in various countries such as Indonesia, Vietnam, Myanmar, Kenya, Poland and Bulgaria.



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