

2023 CLOSED-DOOR POLICY SEMINAR DECARBONISING BUILDINGS IN CITIES AND REGIONS

Location: OECD Conference Center CC16 , Paris, France
(2 Rue André Pascal 75775 Paris Cedex 16 France)

Date: October 12 – 13, 2023
Starting from 14:00 12th until 16:30 13th October (CET)

HOSTED BY

- Centre for Entrepreneurship, SMEs, Regions and Cities (CFE), OECD
- Ministry of Land, Infrastructure, Transport, and Tourism (MLIT), Japan
- Ministry of Ecological Transition and Territorial Cohesion (MTECT), France

AGENDA DETAILS

Day1	12 th October (Thursday) Facilitator: Ji Soo Yoon
13h30-14h00	Coffee
14h00-14h20	Opening Remark <ul style="list-style-type: none">• Nadim AHMAD, Deputy Director, Centre for Entrepreneurship, SMEs, Regions and Cities (CFE), OECD• Takashi IMAMURA, Director, Building Guidance Division, Housing Bureau, Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan• Emmanuel de LANVERSIN, Deputy Director, Directorate-General of Housing, Urban Planning and Landscapes, Ministry of Ecological Transition and Territorial Cohesion (MTECT), France
14h20-15h20 Session 1	Toward net zero buildings; promoting renewable energy (Moderator: Tadashi MATSUMOTO, OECD) <ul style="list-style-type: none">• US 10min (Alexis Pelosi, Regina Gray)• Germany 10min (Eva Maria Kasperek)• Tokyo 10min (Masahiro Kimura)• Discussion 30min
15h30-16h35 Session 2-1	Life cycle approach; embodied carbon (First half) (Moderator: Takeshi MIYAMORI, OECD) <ul style="list-style-type: none">• Japan 5min (Takashi Imamura)• OECD 10min (Ji Soo Yoon)• Sweden 10min (Kristina Einarsson)• France 10min (Bunthan lea)• Discussion 30min

16h40-18h00 Session 2-2	Life cycle approach; embodied carbon (Second half) <ul style="list-style-type: none"> • Tokyo 7min (Hiroshi Uda) • Netherlands 10min (Robert Dijksterhuis) • Iceland 10min (Hólmfríður Bjarnadóttir) • Greater London 10min (Arun Rao, Rhian Williams) • Discussion 43min
18h~ 19h30	Closing, networking (cocktail)

Day2	13th October (Friday) Facilitator: Ji Soo Yoon
9h-9h30	Coffee
9h30-10h50 Session 3	Digital twin: Leveraging Digital tool and data for buildings (Moderator: Ji Soo YOON, OECD) <ul style="list-style-type: none"> • Japan 10min (Takahiro Yamada) • Estonia 10min (Veronika Valk-Siska) • France 10min (Antoine Breitwiller) • Greater London 10min (Arun Rao, Rhian Williams) • Discussion 40min
10h55-12h20 Session 4	Strategy for existing buildings: Regulation and incentives (Moderator: Tadashi MATSUMOTO, OECD) <ul style="list-style-type: none"> • US 10min (Alexis Pelosi, Regina Gray) • Canada 10min (Jérôme Bilodeau) • The Netherlands 10min (Robert Dijksterhuis) • France 10min (Yannick Pache) • Tokyo 5min (Masahiro Kimura) • Discussion 40min
12h30-13h50	Lunch <ul style="list-style-type: none"> • Family photo & lunch
14h00-14h50 Session 5-1	Global Forum for Buildings and Climate: Multi-lateral co-operation (Moderator: Emmanuel de Lanversin, France) <ul style="list-style-type: none"> • France 10min (Emmanuel de Lanversin, Régis Meyer) • Global ABC/UNEP (Jonathan Duwyn) 5min • PEEB/ADF (Antje Wemhöner) 5min • Discussion 30min
14h50-15h	Coffee
15h00-16h00 Session 5-2	OECD Global Monitoring on Buildings and Climate: How can we speed up and scale up the local actions? (Moderator: Soo-Jin KIM, OECD) <ul style="list-style-type: none"> • OECD 10min (Ji Soo YOON) • Canada 5min (Jérôme Bilodeau) • Germany 5min (Eva Maria Kasperek) • Discussion 40min

16h00-16h20	Next steps
	<ul style="list-style-type: none"> • OECD 2min (Takeshi MIYAMORI) • Tour de table (Key take aways & expectation for next events) 18min
16h20-16h30	Closing
	<ul style="list-style-type: none"> • Japan (Takashi IMAMURA) • France (Emmanuel de Lanversin) • OECD (Soo-Jin Kim)

PARTICIPANTS

	NAME	POSITION
Japan (co-host)	Takashi Imamura	Director, Building Guidance Division, Housing Bureau, Ministry of Land, Infrastructure, Transport and Tourism (MLIT)
	Takahiro Yamada	Chief official, Housing Bureau, MLIT
France (co-host)	Emmanuel de Lanversin	Deputy Director, Directorate General of Housing, Urban Planning and Landscapes, Ministry of Ecological Transition and Territorial Cohesion (MTECT)
	Yves-Laurent Sapoval	Advisor, Directorate General of Housing, Urban Planning and Landscapes, MTECT
	Régis Meyer	Buildings decarbonisation, Global ABC co-chair support, International and European Actions Division, MTECT
	Yannick Pache	Head of Unit for renovation, Directorate General of Housing, Urban Planning and Landscapes, MTECT
	Bunthan lea	Project Manager for RE2020, Directorate General of Housing, Urban Planning and Landscapes, MTECT
	Antoine Breitwiller	Directeur technique, Base de données nationale des bâtiments (BDNB)
Canada	Jérôme Bilodeau	Director, Buildings and Industry Division, Office of Energy Efficiency, Natural Resources Canada
Estonia	Veronika Valk-Siska	Head of Housing Policy, Ministry of Economic Affairs and Communications
Germany	Eva Maria Kasperek	Building and Systems Engineering, Technical Affairs Energy, Federal Ministry of Housing, Urban Development and Building
Iceland	Hólmfríður Bjarnadóttir	Director, Department of housing and planning, Ministry of Infrastructure
Netherlands	Robert Dijksterhuis	Envoy for Sustainable Building, Ministry of the Interior and Kingdom Relations (BZK)

Sweden	Kristina Einarsson	Project Manager, National Board of Housing, Building and Planning (Boverket)
United States	Alexis M. Pelosi	Senior Advisor for Climate, Office of the Secretary, The U.S. Department of Housing and Urban Development (HUD)
	Regina C. Gray	Director, Department of Housing and Urban Development, The U.S. Department of Housing and Urban Development (HUD)
Greater London Authority (GLA)	Arun Rao	Interim Principal Policy and Programmes Officer, Environment
	Rhian Williams	Principal Strategic Planner
Tokyo Metropolitan Government (TMG)	Masahiro Kimura	Senior Director for Buildings, Bureau of Environment
	Hiroshi Uda	Director for charge of Buildings, Climate Change Division, Bureau of Environment
	Tatsushi Mori	Deputy Director, zero-emissions housing, Climate Change Division, Bureau of Environment
Programme for Energy Efficiency in Buildings (PEEB)	Antje Wemhöner	Head of PEEB Secretariat
United Nations Environment Programme (UNEP) / Global ABC	Jonathan Duwyn	Head of GlobalABC secretariat Programme Officer, Buildings and Construction Energy and Climate Branch Economy Division, UNEP

OECD Secretariat

NAME	POSITION
Nadim Ahmad	Deputy Director, Centre for Entrepreneurship, SMEs, Regions and Cities (CFE)
Soo-Jin Kim	Acting Head of Cities, Urban Policies and Sustainable Development Division (CITY), CFE
Tadashi Matsumoto	Head of National Urban Policies and Climate Resilience Unit, CITY, CFE
Takeshi Miyamori	Programme Manager - Sustainable Buildings, CITY, CFE
Ji Soo Yoon	Policy Analyst, CITY, CFE
Mateo Ledesma Bohorquez	Policy Analyst, CITY, CFE
Kazuhiro Miyamoto	Policy Research and Advice, Local Employment, Skills and Social Innovation Division (LESI), CFE

KEY QUESTIONS

Session1: Toward net zero buildings; promoting renewable energy

- What are your strategies to achieve **net-zero goals for new buildings**?
- How do you promote **renewable energy buildings**? (Regulation, Standards/Calculation (onsite/offsite), incentives, certificates)

If you have good examples for promoting PVs and storage, EV-ready buildings or demand response ready buildings, please share with us in the discussion.
Please also share a good example from subnational government.

Session2: Whole life cycle carbon/embodied carbon

- What is the **step-by-step approach** and the specific policy tools used in your country to implement regulations for addressing embodied carbon, such as declarations to limit value and expansion of scope of system boundaries?
- What constitutes **the enabling environment** in your country, including data collection methods to establish limit values, the existence of an EPD (Environmental Product Declaration) database, practices for carbon calculation, and any relevant training programs?
- How does your country **engage multiple stakeholders** in the effort to address embodied carbon? This includes partnerships between Industry-Academia-Government for developing calculation methods and tools and managing databases. Additionally, how is multi-level engagement facilitated among different sectors like cement, iron, timber, and what horizontal and vertical collaborations exist within the government?
- Can you provide insights into the specific approaches and methods used for **timber calculations**, particularly related to factors like carbon storage?
- If your country has implemented unique or innovative approaches to tackle embodied carbon in construction beyond what is outlined above, please share these approaches and experiences with us for further discussion.

Session3 Digital twin: Leveraging Digital tool and data for buildings

- How is the government planning to develop a **digital platform** and promote the use of **digital tools** in the context of building construction and management, including technologies such as **BIM** (Building Information Modelling) and smart city solutions?
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- What specific strategies and mechanisms does your government employ **to collect and effectively utilise data related to building policies**?
 - Are there examples of Evidence-Based Policy Making (EBPM) in practice, including the development of policy indicators, monitoring policy implementation, and assessing their impact?

- How does your government gather data and evidence to **raise awareness of the co-benefits associated with energy efficiency policies** within the building sector?
- Additionally, has there been an effort to create a national urban database, and how is this data interconnected and leveraged to improve various policies?
- Could you provide **examples of successful initiatives** or case studies where data or digital tools have been effectively leveraged to enhance building-related policies or practices in your country? Sharing these examples would contribute valuable insights to the discussion.

Session4 Strategy for existing buildings: Regulation and incentives

- What is your **step-by-step approach** to introducing regulations specifically aimed at existing buildings, such as Minimum Energy Performance Standards (MEPS)? Please provide a detailed outline of the process involved.
- What strategies or methods do you employ to **secure political buy-in from building owners when implementing regulations related to existing buildings**? How do you address their concerns and ensure their cooperation in compliance efforts?
- Could you share any successful examples or case studies of initiatives aimed at **improving energy efficiency and sustainability in existing buildings** from your country's national government? These examples could serve as valuable insights for discussion.
- Additionally, can you provide a noteworthy example of a subnational government (e.g., state, province, city) within your country that has effectively tackled the issue of existing building regulations and obtained support from building owners? Sharing such subnational success stories could offer valuable lessons for broader implementation.

Session5-1 Global Forum for Buildings and Climate: Multi-lateral co-operation

- How could we promote **international multi-lateral dialogue** towards net zero future? What kind of international co-operation would help boost your policy actions to decarbonise buildings and boost climate resilience in cities?
- How could we effectively monitor the progress of policy implementation on decarbonising buildings?

Session5-2 OECD Global Monitoring on Buildings and Climate: How can we speed up and scale up the local actions? (Multi-level governance)

- What strategies can the national government employ to **support small to medium-sized local governments** in accelerating and scaling up their local actions, especially in the context of multi-level governance?
- Are there any successful examples or best practices of such support, including initiatives like supporting pilot projects in **neighborhoods**, fostering **regional collaboration** and support, **monitoring local government policy implementation**, and offering technical suggestions or guidance?