



Intergovernmental Council for Buildings and Climate (ICBC)

2025 Second Bi-Annual Technical Meeting

15 September, Online - 09:00-10:30 and 15:00-16:30 CET



Opening - Welcome and Agenda Overview

Gulnara Roll, Head of GlobalABC and ICBC secretariat, UNEP

Yves-Laurent Sapoval, Ministerial delegate for sustainable cities-Urban Envoy, Ministry of Territories, Ecology and Housing, France - Chair of ICBC

Ambassador Antônio da Costa e Silva, Chief International Adviser, Ministry of Cities, Brazil - Vice-Chair of ICBC

Agenda

Time	Topic	Speakers
<p>7 minutes</p> <p>09:00- 09:07 CET 15:00- 15:07 CET</p>	<p>Opening (Welcome and Agenda Overview)</p>	<ul style="list-style-type: none"> • Gulnara Roll, UNEP – GlobalABC secretariat • Yves-Laurent Sapoval, France - Chair of ICBC • Ambassador Antônio da Costa e Silva, Brazil - Vice-Chair of ICBC
<p>5 minutes</p> <p>09:07- 09:12 CET 15:07- 15:12 CET</p>	<p>ICBC Process and the Lead-Up to COP30 Ministerial Meeting</p>	<ul style="list-style-type: none"> • Jonathan Duwyn, UNEP – GlobalABC secretariat • Divya Nawale, UNEP – ICBC secretariat
<p>70 minutes</p> <p>09:12- 10:22 CET 15:12- 16:22 CET</p>	<p>ICBC Products and Proposals for COP30 and beyond</p> <ul style="list-style-type: none"> • ICBC Thematic Priority: Belém Call for Action on Affordable and Climate-Resilient Housing • Global Framework for Action on Sustainable Public Procurement • Principles for Responsible Timber Construction • 10 Whole Life Cycle Recommendations for the Buildings Breakthrough • World Championship for Energy Savings in Commercial Buildings and Social Infrastructures 	<ul style="list-style-type: none"> • Yves-Laurent Sapoval, France - Chair of ICBC • Ambassador Antônio da Costa e Silva, Brazil - Vice-Chair of ICBC • Maimouna Ndiaye, Senegal - ICBC Senior Representative • Kennedy Matheka, Kenya - Vice-Chair of ICBC • Mélanie Jans-Singh, United Kingdom - ICBC Senior Representative • Harri Hakaste, Finland - ICBC Senior Representative • Régis Meyer, Climate and Energy Officer, Ministry of Territories, Ecology and Housing, France – Support to the Chair of ICBC
<p>3 minutes</p> <p>10:22- 10:25 CET 16:22- 16:25 CET</p>	<p>Other ICBC Products and Proposals for COP30 and beyond (No Country Lead Yet)</p> <ul style="list-style-type: none"> • ICBC Country Action on Blended Lower Carbon Cements and SCMs to reduce Clinker Content and GHG emissions– • Extension School- Certificate of Advanced Studies on Sustainability in the Built Environment 	<ul style="list-style-type: none"> • Anne DeKeukelaere, Swiss Federal Technology Institute of Lausanne & Cement Breakthrough
<p>5 minutes</p> <p>10:25- 10:30 CET 16:25- 16:30 CET</p>	<p>Closing</p>	<ul style="list-style-type: none"> • Jonathan Duwyn, UNEP – GlobalABC secretariat • Kennedy Matheka, Kenya - Vice-Chair of ICBC



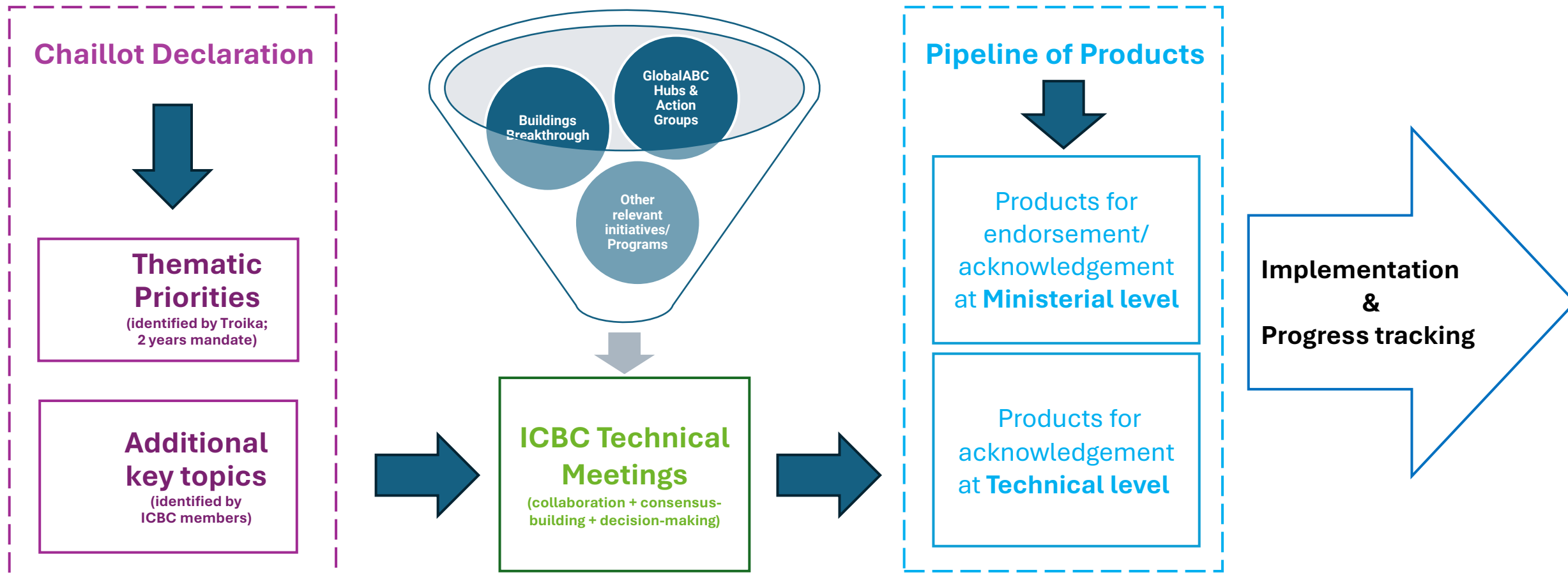
ICBC Process and the Lead-Up to COP30 Ministerial Meeting

Jonathan Duwyn, Programme Officer, Buildings
Lead, UNEP

Divya Nawale, ICBC Coordinator, GlobalABC, UNEP

Process Flow: From Technical Discussion to Ministerial Endorsement

INTERGOVERNMENTAL COUNCIL FOR BUILDINGS AND CLIMATE



Timeline: Monthly Preparatory Meetings Leading to COP30





ICBC Products and Proposals for COP30 and beyond



ICBC Thematic Priority: Belém Call for Action on Affordable and Climate-Resilient Housing

Yves-Laurent Sapoval, Ministerial delegate for sustainable cities-Urban Envoy, Ministry of Territories, Ecology and Housing, France - Chair of ICBC

Ambassador Antônio da Costa e Silva, Chief International Adviser, Ministry of Cities, Brazil - Vice-Chair of ICBC



Global Framework for Action

Harnessing sustainable and circular public procurement to drive demand for a near-zero emission and resilient built environment

Maimouna Ndiaye, Mitigation Program Manager Climate Change, Ecological and Green Financing Department, Ministry of Environment and Ecological Transition, Senegal - ICBC Senior Representative

Global Framework for Action



Foundation



Declaration de Chaillot

Article 6.4 *“leading by example through ambitious procurement policies with particular attention to building procurements.”*



Product



200+ stakeholders consulted



1 **5 Common Principles**
a common foundation for driving circular, nature-positive, and people-centred construction practices through public procurement.

2 **Actions' Menu**
Potential pathways for implementation

Core Partners: Leadership Panel + BBT B2. Demand Creation group



“A practical, collaborative roadmap to embed sustainable and circular public procurement in the built environment.”



What sets this Global Framework for Action apart?



Scale of the Challenge

Public procurement is a key driver of global demand in the high impact sector of buildings and construction. With 37% of global GHG emissions and half of buildings in 2050 not yet built, leveraging the power of SPP is a powerful tool for decarbonization and market transformation.

Circular Economy

Address **the whole life cycle of buildings** with a **circular economy** approach considering both **embedded and operational emissions** to minimize waste and reduce emissions throughout the building process: from planning and design through construction, operation, and eventual deconstruction.

Alignment

Supports ongoing efforts and **aligns with existing frameworks and initiatives**, including the Chailot Declaration, the Buildings Breakthrough, and the IDDI Green Procurement Pledge.

Advances SDG 12.7.1 by embedding circularity and SPP within national and subnational procurement systems.

Practical Actions

Include practical **potential pathways** for effective change at both local and national levels, articulating existing tools, resources and action.

ICBC countries are invited to endorse the 5 Common Principles



Global Framework for Action: Harnessing sustainable and circular public procurement to drive demand for a near-zero and resilient built environment

Endorsement document for national and sub-national governments.

Statement endorsement of the Five Common Principles of the *Global Framework for Action: Harnessing sustainable and circular public procurement to drive demand for a near-zero and resilient built environment* (hereafter referred to as the *Global Framework for Action*).

The **[City/Ministry/Agency Name]** expresses its support for the objectives of the *Global Framework for Action*, recognizing the importance of advancing circular and sustainable public procurement in the built environment through a practical and collaborative roadmap that defines *Five Common Principles* and a menu of strategic actions adaptable to local contexts.

This framework contributes directly to Sustainable Development Goal (SDG) indicator 12.7.1: "Number of Countries Implementing Sustainable Public Procurement Policies and Action Plans." Furthermore, by embedding sustainable and circular public procurement practices within national and sub-national systems. It supports Priority Action B2 "Demand Creation" under the Buildings Breakthrough Initiative and strengthens alignment between public procurement and climate, circularity, and resilience goals.

We endorse the vision of the *Global Framework for Action* and recognize the importance of collective action to drive demand for a near-zero emission and resilient built environment by 2030.

This endorsement does not entail a legal obligation but reflects our shared vision to advancing sustainable and circular practices within the national and sub-national procurement systems.

We will voluntarily contribute to the *Global Framework for Action* by identifying and sharing our current and future actions under the Five Common Principles (Annex 1), in alignment of global efforts to measure and report progress under SDG Indicator 12.7.1 on sustainable public procurement through their national focal points.

Name of Endorsing Entity
Signatory's Name:
Role:
Contact information:
Date and location:

Signature _____

1

Position your country as a global leader in sustainable transformation of the built environment.

2

Access information about actions and solutions being implemented by member states and stakeholders globally.

3

Benefit from technical support (capacity-building, tools and pilot projects).

4

Build national level momentum to strengthen collaboration across government and markets.



From endorsement to implementation: Technical Support

1

2025 – Example 1: Online capacity building modules

A module-based online course for public procurement practitioners and key actors in the built environment value chain to:

- Mainstreaming of circularity in the construction sector through SPP, including tools such as whole-lifecycle assessments.
- Promote the adoption of the Framework by enhancing understanding and practical application.

2

2026 – Example 2: Regional capacity building in Africa

Training and stakeholder engagement to fast-track adoption of circular economy principles through SPP in the construction sector.

- Focus countries: Senegal, Kenya, Mauritius, Tunisia, Ghana, and South Africa
- Funded by: African Development Bank (AfDB) & ACEF.



One planet
procure with care



Global Alliance
for Buildings and
Construction

Thank you!

Get in touch with the One Planet Network
Sustainable Public Procurement team at UNEP



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Programme Management
Officer, UNEP
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Farzana Fayeza
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Silvana Loayza
Sustainable Built
Environment Consultant,
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silvana.loayzaleon@un.org



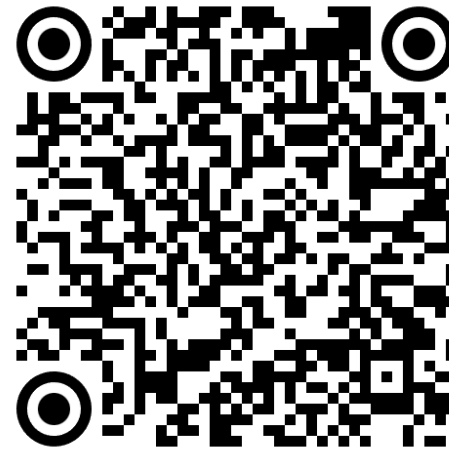
Principles for Responsible Timber Construction

Kennedy Matheka, Deputy Director,
Buildings Safety, Ministry of Lands,
Public Works, Housing & Urban
Development, Kenya - Vice-Chair of ICBC

Thanks!

principles@builtbn.org

Learn more



10 Whole Life Cycle Recommendations for the Buildings Breakthrough



Melanie Jans-Singh, International Innovation Lead,
Department for Energy Security and Net Zero, United
Kingdom - ICBC Senior Representative

Harri Hakaste, Senior Architect, Ministry of the
Environment, Finland - ICBC Senior Representative

Whole Life Cycle approach

- The **“whole life-cycle” approach** is used to reduce both the embodied and operational environmental impacts
- Considers **the carbon costs** of different phases of the building’s life and the **“whole life-cycle emissions”** from a building’s energy use and energy-source emissions
- **Active participation across stakeholders is central** to reaching Whole Life Cycle goals



Adapted from Carbon Leadership Forum 2020



Circular Economy in the Built Environment

- **Circular economy in the built environment (retrofitting, material circularity and design for circularity) keeps building materials in a closed-loop economy** □ fewer natural resources, pollutants, waste and GHG emissions
- **Adopting circular economy solutions can decrease the global need for material extraction by 1/3**
- **Circular economy creates jobs and economic value throughout the entire value chain**



10 WLC Recommendations for the Buildings Breakthrough

Background:

- Developed with over 100 academic, policy and industry professionals from over 40 countries – process led by GlobalABC Materials Hub (Whole Life Cycle Policy Coalition/United Kingdom and Circular Built Environment/MoE Finland and RMIT university)
- Launched at the Buildings and Climate Global Forum in Paris in March 2024

Objectives:











- Show that Whole Life Cycle approach and Circularity are essential for reaching the Paris Agreement goals in the built environment sector
- Provide guidance to policy makers to implement the Buildings Breakthrough commitments nationally and locally



Gaming for Near-Zero event at COP29, Baku, Azerbaijan, 2024.



10 WLC Recommendations for the Buildings Breakthrough

-  Recommendation 1: **Definition of Near Zero Emissions and Resilient Buildings**
-  Recommendation 2: **Alignment Of Whole Life Carbon Standards**
-  Recommendation 3: **Accessible And High-Quality Data**
-  Recommendation 4: **Benchmarks For Building Emissions**
-  Recommendation 5: **Interoperable Product Standards**
-  Recommendation 6: **Common Language And Diverse Contexts**
-  Recommendation 7: **Drive Investment**
-  Recommendation 8: **Prioritise Retrofitting**
-  Recommendation 9: **Material Circularity**
-  Recommendation 10: **Design For Circularity**



Circularity and Whole Life Cycle case study platform

- Collects good practice case studies that demonstrate the use of the 10 WLC Recommendations in practice

QUICKLY SEARCH THROUGH THE RESOURCES

Enter keyword(s) SEARCH

OR SEARCH RESOURCES BY

CATEGORY SEARCH

Navigate through different categories such as "resource type" or "region" to quickly identify the resources that better match your needs.

START CATEGORY SEARCH

10 WHOLE LIFE CYCLE RECOMMENDATION SEARCH

Not sure which resource will be best for your work? Take a chance with our questionnaire based list of resources that can help you adopt the sustainable food systems approach.

START RECOMMENDATIONS SEARCH

CASE STUDIES

Nec vel aliquet malesuada ullamcorper... feugiat egestas quam. Vulputate si...

REC 1. Definition of Near-Zero emissions and resilient buildings

Develop and adopt policies to deliver Near Zero Emissions...

[Read more](#) (25)

REC 2. Alignment of Whole Life Carbon standards

Develop and align universal principles and standards to e...

[Read more](#) (25)

REC 3. Accessible and High-Quality Data

Support global initiatives to establish and share open sou...

[Read more](#) (25)

REC 4. Benchmark for Building Emissions

Develop and adopt policies to deliver Near Zero Emissions...

[Read more](#) (25)

REC 5. Interoperable pro standards

Require interoperability c standards for accounting env...

[Read more](#) (25)

REC 6. Common Language and Diverse Contexts

To identify and leverage opportunities for mutual acti...

[Read more](#) (25)

REC 7. Drive Investment

Drive investment into near-zero buildings by developing and c...

[Read more](#) (25)

REC 8. Prioritise Retrofitting

Value the extension of the life of the existing building stock...

[Read more](#) (25)

REC 9. Material circularity

Promote circularity and the use of sustainable circular bu...

[Read more](#) (25)

REC 10. Design for Circularity (new construction)

Promote long service life of new buildings, through spatia...

[Read more](#) (25)

RESET NEXT >

Showing 3 results

RESOURCE

OCTOBER 29, 2024 | ONE PLANET NETWORK
Pikku Finlandia

Pikku-Finlandia is a temporary wooden event center to replace Finlandia Hall during its refurbishment. The temporary building is desig...

RECOMMENDATION:
Recommendation 10: Design for circularity

RELEVANT SDGS:
GOAL 11: Sustainable Cities and Communities; GOAL 12: Responsible Consumption and Production; GOAL 13: Climate Action

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What is expected from the ICBC countries?

- **Endorse the 10 Whole Life Cycle Recommendations for the Buildings Breakthrough** and **recognize the importance of collective action to utilise circularity and whole life cycle approach** in the built environment to work towards reaching the goals of the Buildings Breakthrough and the Paris agreement
- **Launch a dedicated process to collect good practices** in the ICBC countries that reflect the different themes of the 10 Whole Life Cycle Recommendations for the Buildings Breakthrough and share them through **the Circularity and Whole Life Cycle case study platform**

Possibility to seek alignment of case study platforms and other initiatives e.g., the Global Framework for Action

Benefits for countries

- **Capacity building:** access to resources e.g., case study platform, e-learning, 10 WLC policy game, WLC tracker, National Circularity Assessment Framework
- **Finance:** increased alignment of standards supports investment in net zero buildings
- **Supporting ambitious global action:** support to Chailot Declaration *Article 6.10. Sharing best practices to enhance awareness and advocate for sustainable choices*



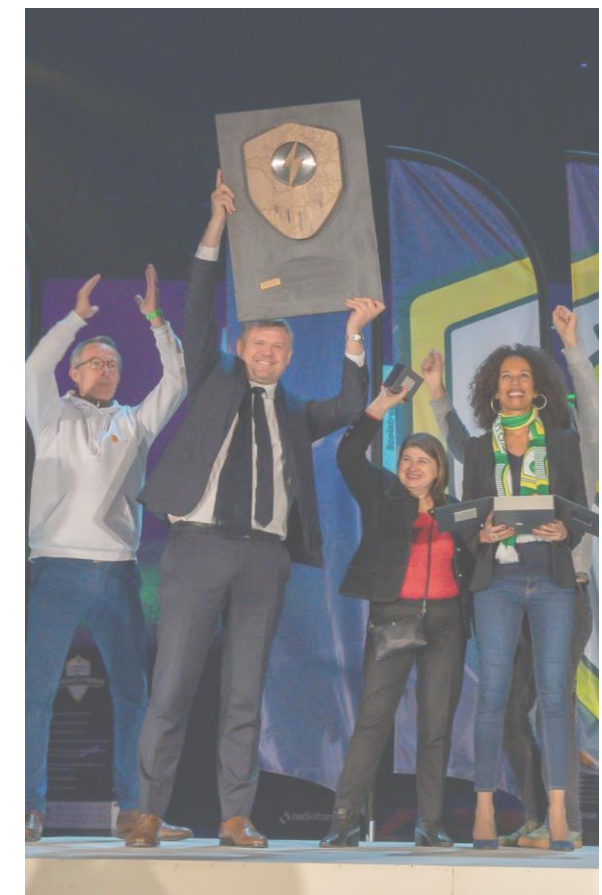
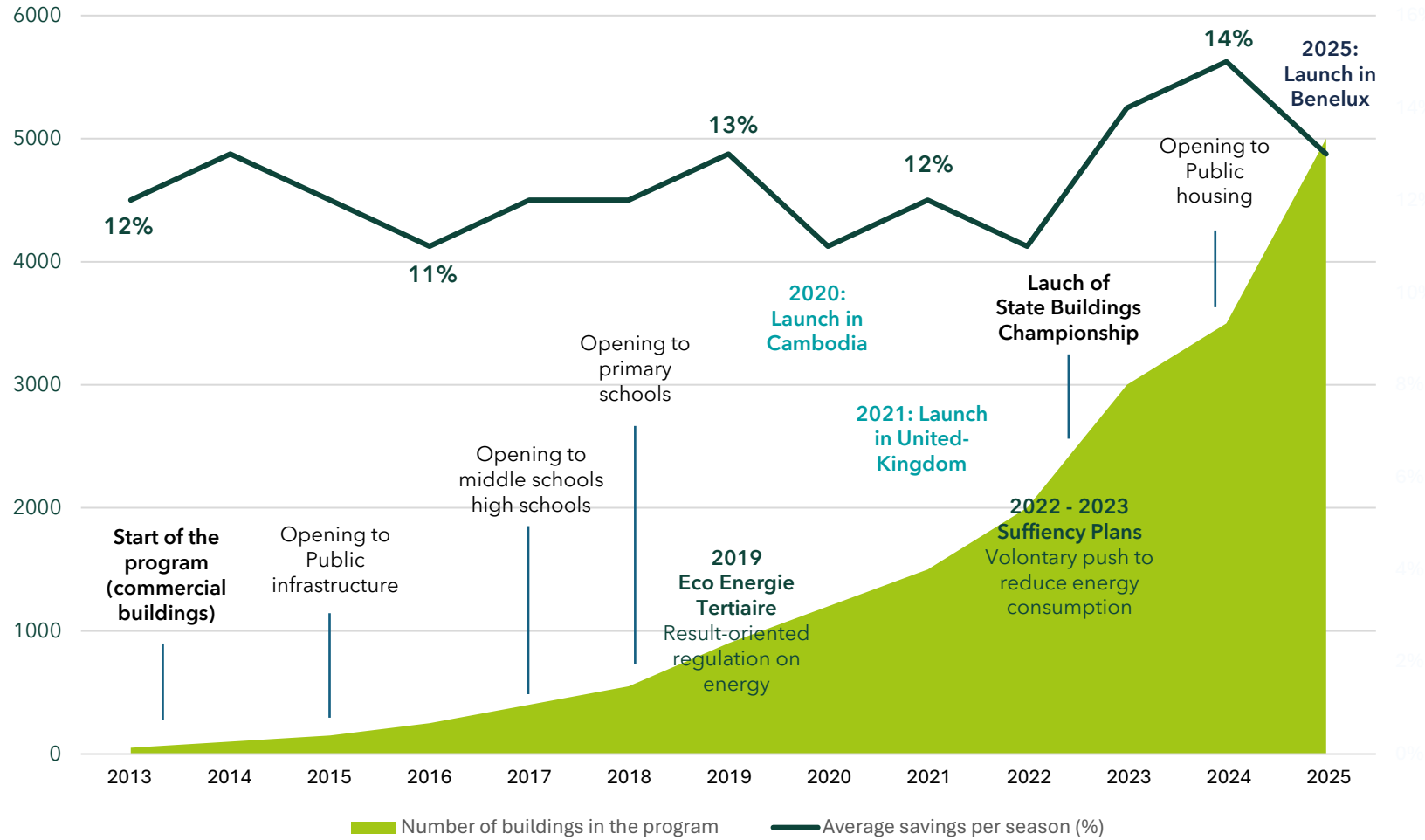


World Championship for Energy Savings in Commercial Buildings and Social Infrastructures

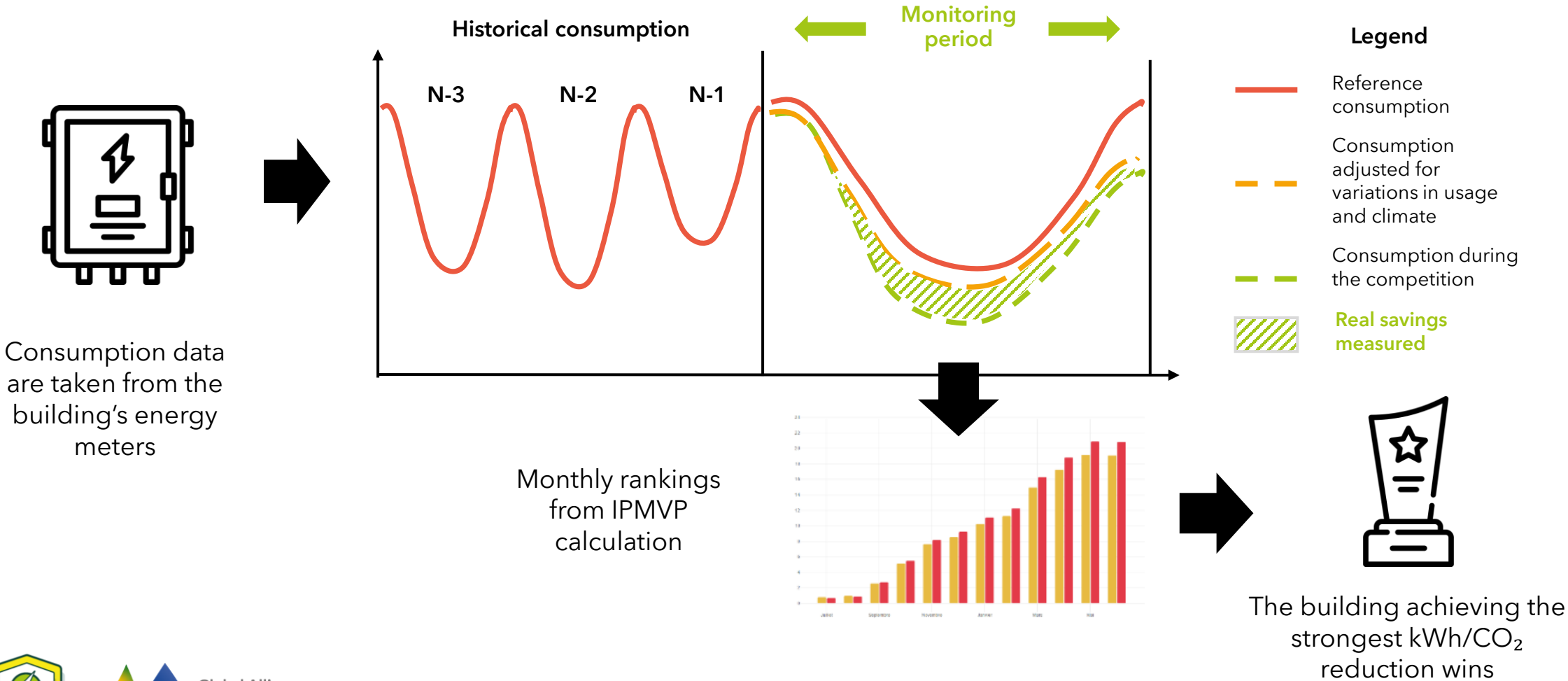
Yves-Laurent Sapoval, Ministerial delegate for sustainable cities-Urban Envoy, Ministry of Territories, Ecology and Housing, France - Chair of ICBC

Régis Meyer, Climate and Energy Officer, Ministry of Territories, Ecology and Housing, France – Support to the Chair of ICBC

How an energy championship help nurture market engagement for energy savings in France

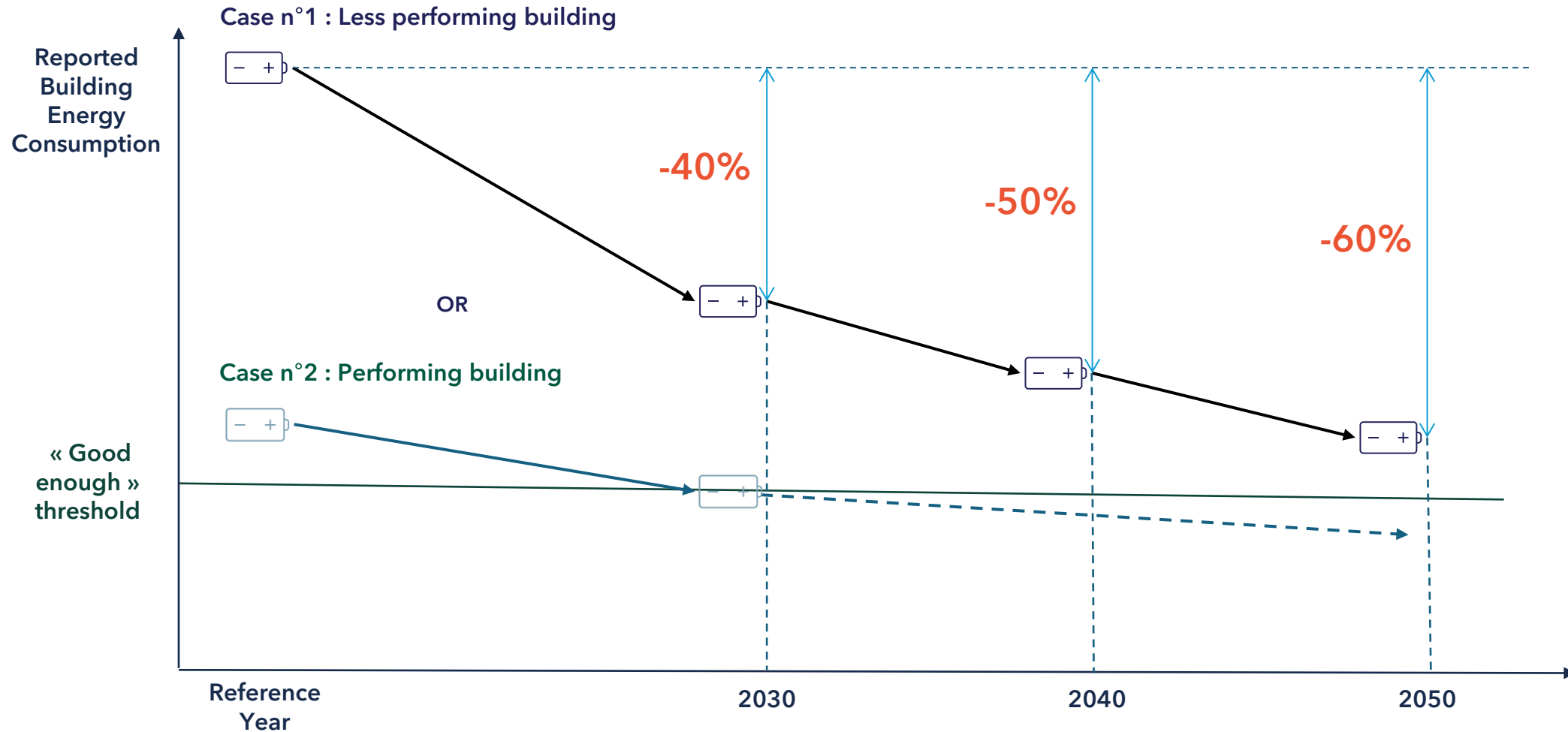


Performance monitoring of buildings : results are based on generic IPMVP method, the only referee is the energy meter !

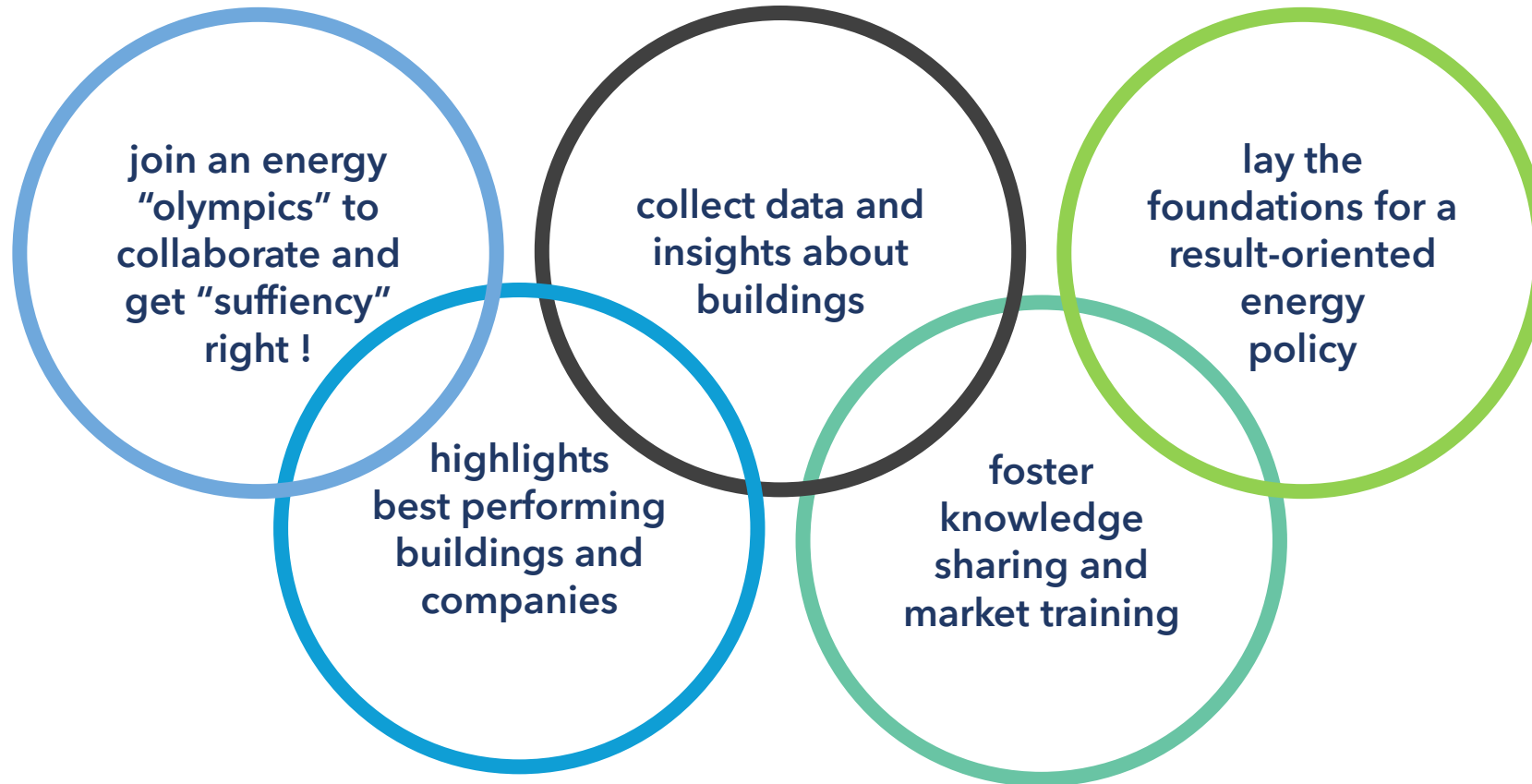


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France Tertiary Decree (eco-energy regulation: Two mandatory energy savings paths for existing non-residential buildings



A one-year national competition to challenge energy performance and bring your champions at COP !



ICBC countries have 3 possible levels of engagement

1

Recognition of the initiative - acknowledging that a championship on energy efficiency in buildings can help mobilize large real estate owners and provide useful data for possible technical policies.

2

Hosting an international championship - supporting the organization of a national competition with the support of a public or private body that could run such a program **and joining the WCES international committee.**

3

Exploring policy opportunities - in the longer term, strengthened by the results of the championships and the data collected.



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Other ICBC Products and Proposals for COP30 and beyond (No Country Lead Yet)



ICBC Country Action on Blended Lower Carbon Cements and SCMs to reduce Clinker Content and GHG emissions

Anne DeKeukelaere, Executive Director, Center
for Worldwide Sustainable Construction, EPFL;
Facilitator of the Cement Breakthrough

Blended Lower Carbon Cements and SCMs to reduce Clinker Content and GHG emissions

Quick win initiative for Article 5.2.4 Chaillot Declaration



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Already

- implemented in part, in many countries
- recognised by governments in country cement roadmaps, e.g. India, Indonesia, Japan, Turkey
- industry wants it: Global industry association and all their 29 country association partners call for this government action

Measurement of success? Already global reporting in place
Technology proven? Already implemented commercially
Customers acceptance? Already accepted across globe

MUCH MORE CAN BE DONE
LOWER COST THAN ACTION IN OTHER SECTORS
GOVERNMENTS CAN ADDRESS BARRIERS

ICBC Country Action

- support review and update of standards to latest best practice
- procure on major government projects where possible
- enable access and remove barriers to sourcing

INFO SESSIONS: Tuesday Sept 23rd

Hong Kong 2pm (CEST 8am)

New York 2pm (CEST 8pm)

Scan to register:



Dr Andrew Minson
DPhil FStructE FICE
Director
**Global Cement and
Concrete Association**

Andrew.Minson@gccassociation.org



Extension School- Certificate of Advanced Studies on Sustainability in the Built Environment

Anne DeKeukelaere, Executive Director, Center
for Worldwide Sustainable Construction, EPFL;
Facilitator of the Cement Breakthrough

Extension School Program

Extension School Programme Info
Session (Friday, 19 September
2025, 12 midday CEST)



Partner
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Supported by



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for Buildings and
Construction

Main topics



...

Later



Closing and next steps



Jonathan Duwyn, Programme Officer,
Buildings Lead, UNEP

Kennedy Matheka, Deputy Director, Buildings
Safety, Ministry of Lands, Public Works,
Housing & Urban Development, Kenya - Vice-
Chair of ICBC


Next Steps

- **Kindly send comments and inputs to the Call for Action by Oct 1st.**
- **Requesting active participation for the Ministerial. Formal Invitation letters to be sent shortly.**
- **Draft package of endorsements/acknowledgements for the Ministerial to be shared.**
- **Additional meetings proposed for Oct 6th and 24th.**



Thank you for joining us!

2025 Second Bi-Annual Technical Meeting

 **Scan here for more info**
([Or Click here](#))

