In partnership with

Concept Note

Official Launch Webinar – Concrete Data for Concrete Action

Market Benchmark Launch: Mapping the Embodied Carbon of Concrete in Singapore.

Co-hosted by: Climate Group's ConcreteZero, CapitaLand Development, and WEF First Movers Coalition

Date: 26th February 2026
Time: 16:30 – 18:00 SGT |9:30 – 11:00 CET | 8:30 – 10:00 GMT
Format: Hybrid Webinar

Registration link (for international stakeholders): International Stakeholders Registration

Registration link (for Singapore stakeholders): Singapore Stakeholders Registration

Purpose of the Webinar

Climate Group (ConcreteZero), and CapitaLand Development invites you to the official launch of **Concrete Data for Concrete Action**, the first comprehensive market benchmark of concrete embodied carbon in Singapore.

This launch webinar brings together global and Southeast Asian experts to unpack the findings of the newly released report and explore opportunities to transform concrete supply chains in Singapore, the region, and beyond.

The built environment accounts for almost 40% of global CO_2 emissions, with materials and construction responsible for roughly 11%. As countries and cities shift their attention from operational efficiency to embodied carbon, the construction sector must fundamentally rethink how buildings are designed, financed and delivered.

Singapore's new Market Benchmark for Concrete Embodied Carbon, developed through extensive collaboration with suppliers, developers, regulators, financiers and technical experts, marks a major milestone. For the first time, Singapore has a shared, transparent reference point that enables:

- Clearer definitions of "lower carbon" concrete

- Better procurement and specification decisions
- More aligned regulation and certification
- Credible pathways for transition finance and innovation

While the insights are rooted in Singapore, the implications are regional and global. As an import-dependent construction hub, Singapore's demand signals shape material flows across Asia. This launch will highlight how the benchmarking methodology can be replicated across ASEAN markets and adapted globally to strengthen supply-chain transparency, harmonise standards and accelerate adoption of lower-carbon concrete at scale.

The session also builds on momentum from Climate Week NYC, COP30, and the World Economic Forum Annual Meeting, linking Singapore's progress to the wider global decarbonisation agenda.

Who Should Attend

This webinar convenes leaders from Singapore, Southeast Asia, and globally who are driving the transition toward lower-carbon construction, strengthening material transparency, and pushing forward practical pathways for rapid decarbonisation.

Relevant participants include:

- Concrete and materials suppliers (ready-mix, precast, cement, SCMs)
- Developers, contractors, engineers, and design consultants shaping project specifications
- Policy makers, regulators, and certification bodies advancing embodied-carbon standards
- Financial institutions, investors, and sustainability-linked finance teams evaluating transition opportunities
- Academia, researchers, and international networks working on benchmarking, LCA and materials innovation

Moderator: Jenny Zhang, ESG and Decarbonisation Director – Asia Pacific, Urban Land Institute (ULI)

Speakers / Panellist:

- Jen Carson, Head of Industry, Climate Group
- Giovanni Cossu, Head of Sustainability, CapitaLand Development
- Daniel Boero Vargas, Lead, Industrial Decarbonisation Innovation, Supply and Concrete, World Economic Forum
- Nia Bell, Senior Manager, ConcreteZero, Climate Group
- Yvonne Soh, CEO, Singapore Green Building Council (SGBC)
- Prof. Pang Sze Dai, Associate Professor, National University of Singapore (NUS)
- Sang Lye See, Executive Director, DBS Bank
- Cheong Jiawen, Director, Future of Buildings & Infrastructure Division, JTC Corporation
- Victor Fonseca, Manager, Climate Solutions at GRESB
- Andrew Minson, Concrete and Sustainable Construction Director, GCCA

Agenda

Duration	Topic
15 minutes	**Welcome & Opening Remarks** | **Setting the stage:**
15 minutes	**Presentation of the Singapore Market Benchmark Report**

10 minutes	**Break**
25 minutes	**Panel 1 | Southeast Asia Perspective: Advancing Low-Carbon Concrete Across the Region (20 mins)**
25 minutes	**Panel 2 | Global Perspective: Benchmarks as Tools for Concrete Decarbonisation**
5 minutes	**Reflections & Closing Remarks**

Note: Live Q&A and chat interaction during panel sessions

For more information, contact:

- **Damilola Adeyanju** – Climate Group (dadeyanju@climategroup.org)
- **Jason Chong** – CapitaLand Development (jason.chong@capitaland.com

CLIMATE GROUP CONCRETE ZERO CapitaLand DEVELOPMENT WORLD ECONOMIC FORUM First Movers Coalition

About Climate Group:

Climate Group is an international non-profit organisation on a mission is to drive climate action fast. Our goal is a world of net zero carbon emissions by 2050, with greater prosperity for all. We focus on systems with the highest emissions and where our networks - both governments and businesses - have the greatest opportunity to drive change. For over twenty years, we've built large and influential networks, holding organisations accountable and turning their commitments into action. We share what we achieve together to show more organisations what they could do.

Climate Group's ConcreteZero is a global initiative that brings together pioneering organisations to create a global market for net zero concrete. The initiative is led by Climate Group in partnership with World GBC.

About CapitaLand Development:

CapitaLand Development (CLD) is the development arm of CapitaLand Group, with a portfolio worth S$21.3 billion as at 30 June 2025. Focusing on its core markets of Singapore, China and Vietnam, CLD's well-established real estate development capabilities span across various asset classes, including integrated developments, retail, office, lodging, residential, business parks, industrial, logistics and data centres. Its strong expertise in master planning, land development and project execution has won numerous accolades including the Building and Construction Authority Quality Excellence Award and FIABCI Prix d'Excellence Award.

CLD aspires to be a developer of choice that goes beyond real estate development to enrich lives and uplift communities. It is committed to continue creating quality spaces for work, live and play in the communities in which it operates, through sustainable and innovative solutions. In 2025, CapitaLand Group celebrates 25 years of excellence in real estate and continues to innovate and shape the industry.

As part of CapitaLand Group, CLD places sustainability at the core of what it does. As a responsible real estate company, CLD complements CapitaLand's businesses through its contributions to the environmental and social well-being of the communities where it operates, as it delivers long-term economic value to its stakeholders..

About WEF First Movers Coalitiont (FMC):

Launched at COP26 in 2021, the First Movers Coalition (FMC) is a global public-private partnership run by the World Economic Forum which harnesses the purchasing power of 100 companies to decarbonize six heavy-emitting industrial sectors that currently account for around 25% of global emissions, along with speeding the adoption of innovative carbon removal technologies.

By building early demand through the purchasing commitments of its members, the coalition aims to accelerate the adoption of breakthrough clean solutions to reach commercial scale by 2030.

The FMC's aggregated demand signal for clean solutions across the cement, steel, aluminum, shipping, aviation, trucking and carbon dioxide removal sectors is now at $19 billion and could result in 26 million tonnes of CO2e of emissions reductions by 2030, making it one of the largest demand signals for clean technologies and energy sources. To assist its members, the FMC aims to connect members with high-ambition suppliers and a wider ecosystem of finance players and government partners, supporting them to transition from commitments into contractual relationships