

Organized by



in collaboration with



**Regional Collaboration Centre – Bangkok**  
Promoting Climate Action in Asia and the Pacific



# ESBN<sup>1</sup> Roundtable: Strategies on Reducing and Utilizing CO<sub>2</sub> for Cost Effective Business

Bangkok, Thailand

Venue: Virtually via MS Teams from UN ESCAP (3 hours 45 mins)

20 April 2021 (14:00 – 17:45)

---

<sup>1</sup> UN ESCAP Sustainable Business Network, <https://esbn.unescap.org>

14:00 – 17:45

**Roundtable Duration**

14:00 – 14:45

**Welcome**

- **Opening session (MC, Mr. Eric Roeder**, ESNB Focal Point for Disaster and Climate Risk Reduction, Trade, Investment and Innovation Division (UN ESCAP)
- **Mr. Stefanos Fotiou**, Director, Environment and Development Division (UN ESCAP)
- **Mr. Asif Ibrahim**, Vice Chairman, Newage Group of Industries & Chair of the UN ESCAP Sustainable Business Network (ESBN) Task force on Disaster and Climate Risk Reduction

**Keynote Addresses**

- **Mr. Sanjeev Bahl**, CEO of SAITEX, USA/Viet Nam
- **Mr. Mahendra Singhi**, CEO of Dalmia Cement, India

**Special addresses**

- **Ms. Rose Mwebaza**, Director and Advisory Board Secretary, UNEP Climate Technology Centre & Network (CTCN)
- **Ms. Dinah McLeod**, Global Cement and Concrete Association (GCCA) – Chief Executive

14:45 – 15:15

**Session 2: Setting the scene: Why Strategies on Reducing and Utilizing CO2 for Cost Effective Business and what we expect to accomplish (introduction of proposed project)**

- **Presentation by Mr. Rajiv Garg**, CTCN Regional Manager - Africa and West & Central Asia
- **Presentation by Dr. Cristina Martinez**, Senior Specialist, Environment and Decent Work, Asia-Pacific Coordinator Green Jobs & Just Transition, ILO Bangkok
- **Presentation by Mr. Eric Roeder**, ESNB Focal Point for Disaster and Climate Risk Reduction, Trade, Investment and Innovation Division

Parallel Sessions  
15:15– 16:15

**Session 3: Reducing Carbon Emissions from the textile & garment sector**

**Moderated by Dr. Cristina Martinez**, Senior Specialist, Environment and Decent Work, Asia-Pacific Coordinator Green Jobs & Just Transition, ILO Bangkok

- **Presentation by Dr. Samantha Sharpe** of the Institute of Sustainable Futures, University of Technology Sydney: ILO report - Achieving climate targets?: how to assess carbon emissions in the garment sector in Asia.

**Session 4: Moving ahead with CCU in the cement industry**

**Moderated by Ms. Claude Loréa**, Cement Director of GCCA.

- **Presentation by GCCA**

The cement industry is responsible for approximately 7 per cent of global anthropogenic carbon emissions. Atmospheric concentrations of greenhouse gases cannot be stabilized without addressing this important emissions source. The industry emits

The textile and garment sector accounts for a significant proportion of global carbon emissions, estimates range between 6 and 8 per cent of global totals. The emission reductions associated with achieving the Paris Agreement goal of limiting warming to between 1.5 to 2 degrees above pre-industrial levels are significant.

The topic for this roundtable is discussing how textile and garment businesses are approaching CO<sub>2</sub> reductions in the sector and what progress has been made to date?

Key questions:

- What are the opportunities for businesses to sustainably reduce emissions?
- What business models and technological, process and social innovations is the sector pursuing to reduce emissions?
- How does the sector combine environmental and social sustainability – achieving productive enterprises, decent work and a just transition?

**Panel Discussion with garment sector:**

- **Mr. Asif Ibrahim**, Director Bangladesh Garment Manufacturers and Exporters Association (BGMEA) [Bangladesh]
- **Ms. Anya Sapphira**, Stakeholder Engagement & Public Affair Manager, H&M Group Production [Indonesia]
- **Ms. Oanh Nguyen Ngoc Kim**, Health Safety Environment & Sustainability Manager, SAITEX [Viet Nam]
- **Ms. Liu Hui**, Deputy Director of Research and Consulting Department of Social Responsibility Office of China National Textile and Apparel Council (CNTAC) [China]
- **Mr. Bradley Abbott**, Team Lead, SWITCH Garment Asia, Global Green Growth Institute (GGGI) [Cambodia]

nearly 650 kg of CO<sub>2</sub> for every 1000 kg of cement produced. The topic for this roundtable is discussing how the cement industry is approaching CO<sub>2</sub> reductions in the sector and what progress has been made to date?

Key questions:

- What are the opportunities for businesses to sustainably reduce emissions?
- What business models and technological, process and social innovations is the sector pursuing to reduce emissions?

**Panel on current CCU technology examples available for the Cement Industry:**

- **Mr. Sean Monkman**, Senior Vice President of Technology Development at Carbon Cure Technologies
- **Mr. Vahit Atakan**, co-founder of Solidia
- **Mr. Akifumi (Chris) Takigawa**, Low Carbon Task Force, Mitsubishi Corporation

**Cement companies current emission reduction initiatives (including cleaner production):**

- **Mr. Ashwani Pahuja**, Chief Sustainability Officer and Executive Director- Manufacturing at Dalmia Cement (Bharat) Ltd
- **Sui Tongbo**, Vice President of Sinoma International & Director General of Sinoma Research Institute

16:15 – 17:30

**Session 5: Plenary Session – key messages from the Parallel sessions (Moderated by Mr. Eric Roeder)**

- **Key Messages from Session 3: Dr. Cristina Martinez**, Senior Specialist, Environment and Decent Work, Asia-Pacific Coordinator Green Jobs & Just Transition, ILO Bangkok
- **Key Messages from Session 4: Ms. Claude Loréa**, Cement Director of GCCA.

**Session 6: Panel: Driving Sustainability in the Garment and Cement Sectors (Moderated by Mr. Marc Proksch**, Chief, Investment and Enterprise Development; Trade, Investment and Innovation Division at United Nations ESCAP)

- **Mr. Surachai Vangrattanachai & Mr. Manasit Sarigaphuti**, Research and Innovation Director of SCG Cement
- **Representative of the Cement Manufacturers Association India**
- **Ms Pernilla Halldin**, Co-Chair of the Fashion Charter Policy WG and Public Affairs and Engagement at H&M Sustainability Department
- **Mr. Vincent Aloysius**, Senior Advisor, HOLCIM/INSEE Ecocycle Co. Lt

17:30 – 17:45

*Wrap-up*