



Strategies on Reducing and Utilizing CO₂ for Cost Effective Business

A Brief Project Introduction

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Strategies on Reducing and Utilizing CO₂ for Cost Effective Business

ESBN Taskforce on Disaster and Climate Risk Reduction Project Partners



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





The Textile & Garment sector accounts for a significant proportion of global carbon emissions, estimates range between 6 and 8 per cent of global totals.

The cement industry is responsible for approximately 7 per cent of global anthropogenic carbon emissions.

Together they have large emissions profiles that need to rapidly decarbonize.



Thus, a project titled:

“Strategies for Reducing and Utilizing CO₂ for Cost Effective Business” is proposed with the overall objective: To strengthen capacity of the Textiles & Garment and the Cement sectors in project countries to access and apply know-how to reduce and utilize CO₂ emissions.

Via practical demonstration and uptake, the Project aims to reduce CO₂ emissions from point sources such as industrial processes, to prevent the release into the atmosphere.



Examples include:

Resource efficiency activities from energy efficiency, renewable energy, adopting circular economy principles; new environmentally sustainable materials and processes and the phase out of unsustainable and hazardous materials and chemicals;

Sustainable technologies such as machinery and processes that reduce and recycle water and chemical and minimize air pollution; and

CO₂ capture and utilization (CCU) innovations where captured CO₂ is converted into commercial products (pathways that replace a more carbon-intensive alternative).

Project components and their activities



Capacity-building on CO₂ Reduction and Utilization know-how and its application by project partners/consultants especially training of national business development departments;

In the textiles & garment and cement sectors, - conduct CO₂ reduction and utilization assessments (in plant) to find ways to apply CO₂ reduction and utilization options that are technically feasible and cost effective;

For business, practical demonstration of reutilization from industry and CCU innovative solutions; and pathways toward climate friendly enterprise development for possible uptake;

Review and evaluation of national policies and measures, and recommendations for policies that can be adopted;

Regional cooperation through the establishment of a network of CO₂ reduction and utilization practitioners, businesses, policymakers and regulators.

A CO₂ Reduction and Utilization Guide for Business



A CO₂ Reduction and Utilization Guide for Business will be developed and include methodologies to uptake , develop carbon neutral entrepreneurship, and apply CO₂ reduction and utilization options in existing industries.

The Guide will support businesses in the Asia-Pacific to address climate change through CO₂ reduction and carbon capture and utilization (CCU) to transition toward net zero emissions and increased resilience. The Guide is intended to spur business leaders, policy makers, financiers and other stakeholders working with industry to actualize transformational carbon-neutral change.

Calling on National Focal Points



National focal points will play a significant role in achieving the objective of the project. The extent to which they can convince various industry sector companies of the importance of CO₂ reduction and utilization options and motivate them to participate in the project depends on the industrial network that the national focal point possesses as well as its stature as recognized by industry.

Here, CTCN will link project national focal points with CTCN focal to scale up activities after the completion of the project.

It will be important to have Ministers or senior representatives from the Ministries/Confederations present at national-level events.



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Terima kasih banyak!
cảm ơn bạn

ขอบคุณมากครับ,

谢谢

ありがとうございました

고맙습니다

Salamat

多謝

Mahalo nui loa

Thank you

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and Climate Risk Reduction**