
“DEVELOPMENT OF THE GEF PROJECT IN CAMBODIA: LOW CARBON DEVELOPMENT FOR PRODUCTIVITY AND CLIMATE CHANGE MITIGATION THROUGH THE TRANSFER OF ENVIRONMENTALLY SOUND TECHNOLOGY (TEST) METHODOLOGY PROJECT”

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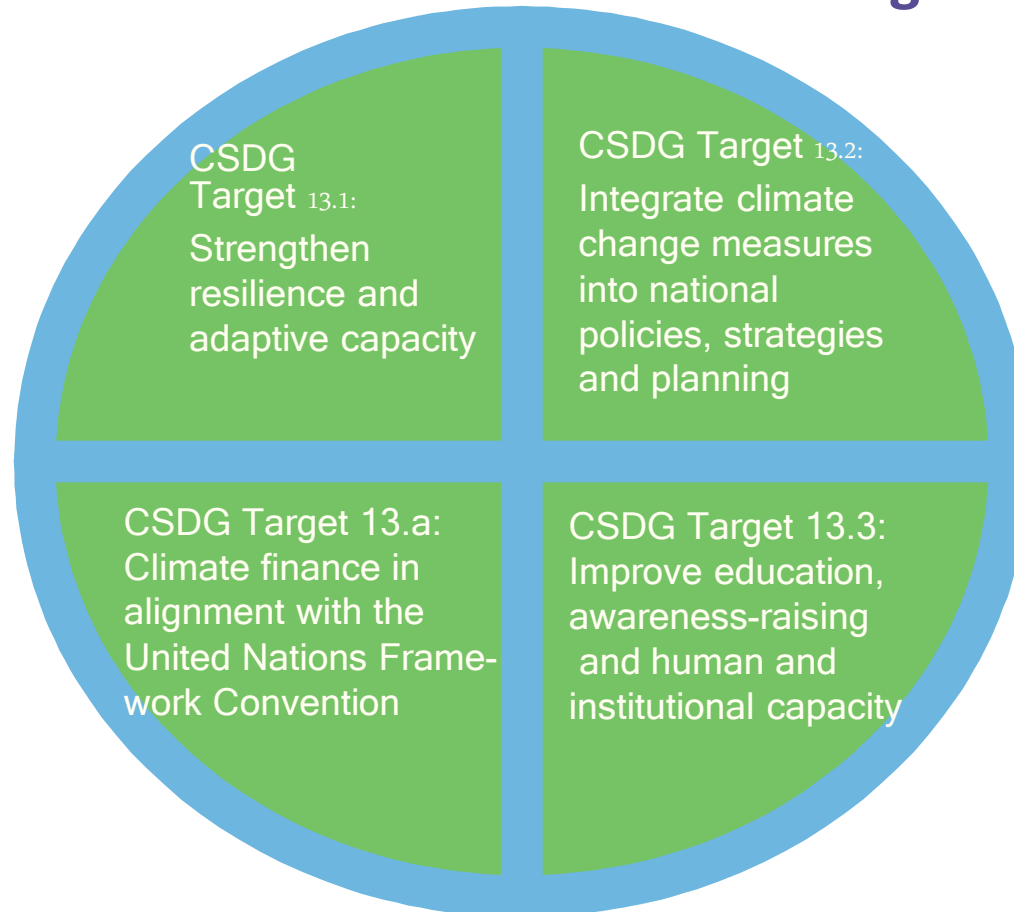
COP23 Japan Pavilion side event in Bonn, Germany

“Achieving SDGs through technology innovation, deployment, and transfer”

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Jointly organized by OECC/UNU-IAS

Cambodia's Localization SDG GOAL 13: Climate Change



CAMBODIA'S NDC- MITIGATION

Cambodia wishes to propose a GHG mitigation contribution for the period 2020 – 2030, conditional upon the availability of different types of support from the international community

- ✓ Energy industries, manufacturing industries, transport, and other sectors: Cambodia intends to undertake actions, the impact of which is expected to be a maximum reduction of 3,100 Gg CO₂eq compared to baseline emissions of 11,600 Gg CO₂eq by 2030.



CAMBODIA'S NDC- MITIGATION

- ✓ Land Use, Land Use Change and Forestry (LULUCF): Cambodia intends to undertake voluntary and conditional actions to achieve the target of increasing forest cover to 60% of national land area by 2030. In the absence such actions the net sequestration from LULUCF is expected to reduce to 7,897 GgCO₂ in 2030 compared to estimated sequestration of 18,492 GgCO₂ in 2010.



LOW CARBON DEVELOPMENT FOR PRODUCTIVITY AND CLIMATE CHANGE MITIGATION THROUGH THE TRANSFER OF ENVIRONMENTALLY SOUND TECHNOLOGY (TEST) METHODOLOGY PROJECT: IN BRIEF

Title	Low carbon development for productivity and climate change mitigation through the Transfer of Environmentally Sound Technology (TEST) methodology
Duration	48 months (2018 – 2021)
Project area	Phnom Penh and surrounding areas, Coastal zone (Preah Sihanouk) and Tonle Sap great lake (Siem Reap & Battambang)
Implementation agency	United Nations Industrial Development Organization
Executing agencies	<ul style="list-style-type: none"> <input type="checkbox"/> National Productivity Center of Cambodia - Ministry of Industry and Handicraft (MIH) <input type="checkbox"/> Department of Climate Change – National Council for Sustainable Development - Ministry of Environment (MoE) <input type="checkbox"/> Oversea Environmental Corporation Center (OECC), Japan
Objective	Reducing vulnerability and building resilience to climate change through the transfer of environmentally sound technologies in Cambodian industries.

FOUR(4) KEY ACTIVITIES

Activity 1

Strengthen existing legislation to sustain the low carbon development of Cambodian enterprises

Activity 2

Establish incentives to encourage industries in their efforts to improve the social and environmental dimensions of their activities

Activity 3

Implement TEST integrated approach at the national level through trainings and demonstration in selected enterprises

Activity 4

Raise awareness with focus on resource efficiency and dissemination of the lessons learnt during the project

KEY STRENGTHS OF THE PROJECT

- Built on the highly successful Hot Spot and TEST project implemented from 2011 – 2013
- Benefit from international expertise and experiences such as OECC, UNIDO-Med TEST project
- Support the improvement of the 3 pillars of inclusive and sustainable industrial development: Economy, Social, and Environment
- Respond to the needs to improve resource efficiency, in particular the energy as a way to improve competitiveness of Cambodian manufacturing industry
- Align and support National Development policies: Nationally Determined Contribution (NDC), Industrial Development Policy (IDP), National Strategic Development Plan (NSDP), Cambodia Climate Change Strategic Plan, Green Growth Roadmap...

BENEFIT OF THE PROJECT

- ❑ Economic performance: through saving of resources (raw materials, energy, water, chemicals...), improved productivity and quality of the products, reduction of operation costs ...
- ❑ Social performance: improve occupational, health and safety and working environment, healthier workforce, promoting gender equality, integrating social and environmental component into the company's vision
- ❑ Environmental performance: prevention and reduction of wastes (GHG, wastewater, and solid waste) generation at the sources having the direct positive impact on the environment.

BENEFITS OF THE PROJECT FOR THE PARTNER COMPANY



Economy

Reduce production cost

- “ Raw materials saving
- “ Saving of operating raw materials (electricity, fuels, fuel wood, water)
- “ Reduce operating cost

Improve productivity

Improve quality of products



Environment

Compliance with National and international environmental regulation

Compliance with buyer requirement (HIGG Score)

Reduction of waste generation (GHG, Wastewater, Solid waste and hazardous waste)



Social

Good relationship with surrounding communities

Healthy workforce, improvement of working condition



Thank you!

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