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“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”

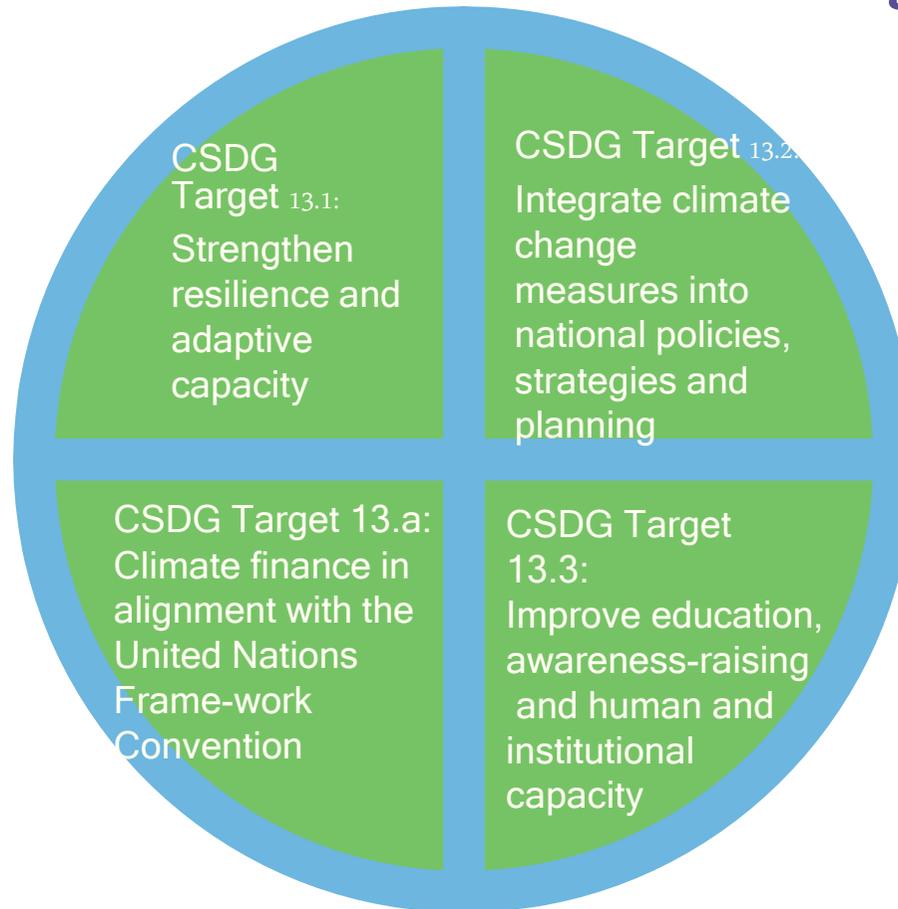
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COP23 Japan Pavilion side event in Bonn, Germany  
“Achieving SDGs through technology innovation, deployment, and transfer”

9 November 2017

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 CO<sub>2</sub>eq compared to baseline emissions of 11,600 Gg CO<sub>2</sub>eq 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 GgCO<sub>2</sub> in 2030 compared to estimated sequestration of 18,492 GgCO<sub>2</sub> 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"> <li><input type="checkbox"/> National Productivity Center of Cambodia - Ministry of Industry and Handicraft (MIH)</li> <li><input type="checkbox"/> Department of Climate Change – National Council for Sustainable Development - Ministry of Environment (MoE)</li> <li><input type="checkbox"/> Oversea Environmental Corporation Center (OECC), Japan</li> </ul>
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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