

# Mainstreaming Climate Change and Increasing Resilience in the Education Sector

Implemented by the Ministry of Education, Youth and Sports

**CCCA3**



National Council for Sustainable Development  
General Secretariat  
Department of Climate Change



Ministry of Environment

# Background

Climate change has negative impacts on children's education through exposure to extreme temperatures, floods, droughts and storms. On the other hand, education plays an important role in developing capacities to combat climate change. Increasing environmental awareness and education on the climate crisis can contribute to the effective reduction of greenhouse gas emissions and to adapting to a changing climate in both the short- and long-term. This project will primarily benefit to primary, lower and upper secondary students, trainers at provincial teacher training centers, teachers, communities and education officers of selected provinces of Cambodia through training, capacity building, and improvements for better resilience of school infrastructures. The existing Eco-school model in pilot secondary schools will be reviewed, while a similar approach will be designed and tested for primary schools. This will be accompanied by dedicated WASH and health interventions for teachers and students.



## Overall Objective

***The overall objective of the project is to improve capacities of education officers, teachers, and students on climate change so that they can participate in basic climate change mitigation and adaptation initiatives and minimize its impacts on education.***

## Specific Objectives

1. Develop teaching and learning materials on climate change education for primary schools and pilot these materials through Eco-schools;
2. Develop booklets on climate change response and support increasing resilience of pilot primary schools through WASH training and climate-smart investments supporting WASH and health;
3. Provide mentoring and strengthening to Established Eco-schools for sustainable Implementation; and
4. Develop booklets on climate change response and support Increasing resilience of secondary Eco-schools through WASH training and climate-smart investments supporting WASH and health.

## Approach

The project aims to increase the capacities of targeted primary and secondary educational officers, teachers, primary and secondary school students on climate change. This will be done mostly in the context of Eco-schools, and with participation from the concerned provincial teacher training centers. In addition, WASH materials will be developed and piloted in a broader number of schools (not just Eco-schools). The project will also support investments in climate change resilience and demonstration projects in a few targeted schools so that teachers and students can participate in practicing basic climate

change mitigation and adaptation initiatives and minimize its impacts on education. Results from this pilot project will be documented and fed into sector level discussions on how to scale up the integration of climate change in the education

sector. The project will benefit 21,412 students (9,923 female), 726 teachers (300 female), 106 school principals (39 female). It will be conducted jointly by the Department of Curriculum Development and the Department of School Health.

## Outputs and Key Activities

Result	Key Activities
<ul style="list-style-type: none"> <li>Teaching and learning materials on climate change education for primary schools are developed and piloted through Eco-schools</li> <li>Increased resilience of pilot primary schools through WASH training and climate-smart investments supporting WASH and health</li> </ul>	<ul style="list-style-type: none"> <li>Develop learning and teaching materials on climate change education for primary school and testing tools</li> <li>Provide initial training program on climate change education for primary school to Provincial of Teacher Training Center and hand over to PoE</li> <li>Conduct assessment to identify potential vulnerable school beneficiaries provide training to selected schools to prepare project development which includes project design</li> <li>Support establishment of Eco-clubs including structure, functioning, main activities, and provide capacity building on implementing Eco-club and knowledge of climate change</li> <li>Provide training to target schools to implement Eco-school materials developed by the project</li> <li>Conduct monitoring on the implementation of the climate change training and Eco-Schools</li> <li>Conduct participatory evaluation on the Eco-Schools implementation</li> <li>Provide training to primary school principals, teacher and students on WASH in schools and climate change response</li> <li>Develop and print out booklets on “Climate Change Response” for Teachers and Students, and distribute to the targeted primary schools</li> <li>Exchange visit and experience-sharing among School principals on good model of climate change response</li> <li>Provide and install climate change related facilities including water container, hand washing facilities, well and lightning protection system to selected primary schools</li> <li>Conduct Monitoring and Evaluation during implementation and at the end of the project.</li> </ul>
<ul style="list-style-type: none"> <li>Output 2.1. Established Eco-schools are strengthened for sustainable implementation</li> </ul>	<ul style="list-style-type: none"> <li>Secondary schools receive follow-up support to become senior eco-schools</li> <li>Production of a lessons learnt document and/or updated guidance for eco-schools</li> </ul>
<ul style="list-style-type: none"> <li>Increased resilience of secondary eco-schools through WASH training and climate-smart investments supporting WASH and health</li> </ul>	<ul style="list-style-type: none"> <li>Training booklets on “WASH and climate change response” developed and disseminated in secondary schools</li> <li>Teachers, school principals and POEs staff trained on school upgrades based on MRG on WinS</li> <li>Secondary schools benefitting from climate-smart WASH and health investments</li> </ul>

## Knowledge Products

- Teaching and learning materials on climate change for primary education at secondary level
- Booklet on WASH and climate change
- Lessons learnt on Eco-schools
- End-line survey on target schools’ vulnerability to climate change and WASH performance

<b>Timeframe</b>	February 2021–July 2023	<b>Partners</b>	N/A
<b>Total Budget</b>	USD 299,320.00 USD 250,000.00 (From CCCA3)	<b>Location</b>	Kampong Chhnang, Svay Reing Stung Treng , Kampong Speu, Kampot, Kratie and Battambang Province

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## Funded by



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