



Ministry of Environment

Develop and test low carbon resilient approaches and options in urban areas

Project Factsheet 2017

Grant for Climate Change Action Plan Priorities



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BACKGROUND

The increased urbanization rate puts great pressure on land, water and energy supply to accommodate the influx of population, as well as causing air, water and waste pollution. Moreover, the majority of vehicles are second-hand, have poor efficiency and consequently high CO₂ emissions, and the urban areas experience heavy traffic during rush hour causing higher amount of emissions transport. Urban areas are also vulnerable to climate-induced disasters and heat island effects. A range of measures are required to address these risks. Awareness-raising and concrete demonstrations in schools are important to generate a change of behavior in young generations.

OVERALL OBJECTIVE

Develop and test low carbon resilient approaches and options in urban areas, including schools

SPECIFIC OBJECTIVES

- ▶ Climate change adaptation and mitigation activities are promoted and expanded in urban areas of Cambodia

APPROACH

The project will conduct vulnerability assessments in order to identify the climate adaptation needs in target schools, leading to the identification of activities to be integrated in a programme for climate resilient eco-schools. Moreover, the project will conduct market analysis for electric bikes, carry test on GHG reduction and cost comparison with traditional motorbikes, and public awareness activities. Policy recommendations will be developed to promote e-bikes as a low carbon technology in urban transport. On the other hand, production of awareness materials including spots, TV news briefs, documentary, and news to be distributed and broadcasted in both public and private TV and radio programs and newspapers will help raise awareness of the solutions being tested by the project.

OUTPUTS AND KEY ACTIVITIES

Results	Key Activities
Selected schools and public gardens and spaces implementing resilient eco-schools with the participation of students, youth and other people	Conduct eco-school according to the needs of each school using results from vulnerability assessment (40 students and teachers)
	Conduct eco-school activities and M&E at schools
Policy recommendation to promote e-bikes as low carbon technology in urban transport, and roadmap to develop policy on transfer of low carbon technology in urban transport.	Purchase, introduction and test of e-bikes
	Perform cost and benefit analysis on the electric motorcycles, including comparing GHG emission with conventional motorbikes
Production of awareness materials including spots, TV news briefs, documentary, and news to be distributed and broadcasted in both public and private TV and Radio programs and newspapers about climate change issues and number of print media communications production about climate change issues	Produce and broadcast documentary films and short video clips about trees planting, installation and use of solar energy and rain water collection, horticulture gardening as activities toward climate change adaptation and mitigation activities
	Produce radio program, talk show that engages key speakers specialized in climate change related policies and response especially addressing experience and lesson learnt on the implementation of the activities under this project

KNOWLEDGE PRODUCTS

- ▶ Documentary films
- ▶ Short video clips
- ▶ Radio program talk show
- ▶ Policy recommendations to promote using of electronic motorbikes

PROJECT INFORMATION

Timeframe:	April 2017 - March 2019	Current Partners:	N/A
Total Budget:	USD 352,560 (USD 300,000 from CCCA)	Location:	Phnom Penh
Contact person:	H.E. Sao Sopheap Project Director E-mail: saosopheap@yahoo.com	Potential Partners:	N/A

Funded by:



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