

Climate Change Bulletin E-Update

JANUARY - JUNE 2023



Greetings from the Department of Climate Change (DCC)

Dear Readers,

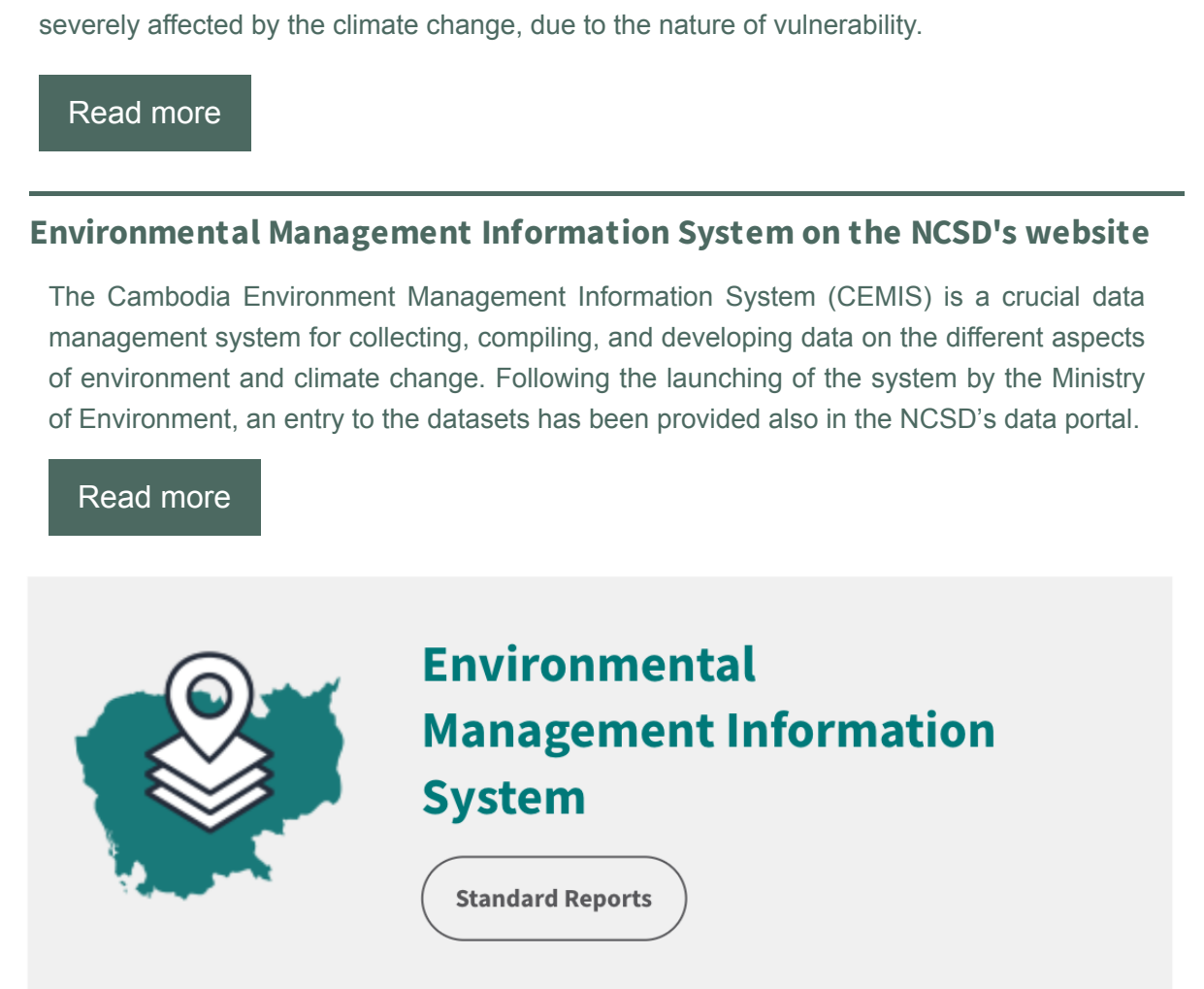
We are pleased to share with you our January - June 2023 e-bulletin. We intend to bring this email to you a couple times a year to keep you updated on the climate change-related events and achievements of the Department of Climate Change and its partners.

Wishing you all the best for the coming months. Reach out to us with any updates; we are counting on you, to join us as a regular or occasional contributor – the voices from the ground are essential to this e-bulletin's success and our work as climate change practitioners.

Kind Regards,
DCC team

New Updates of Datasets on the NCSD's Website

Women's Resilience Index on the National Council for Sustainable Development's (NCSD) website

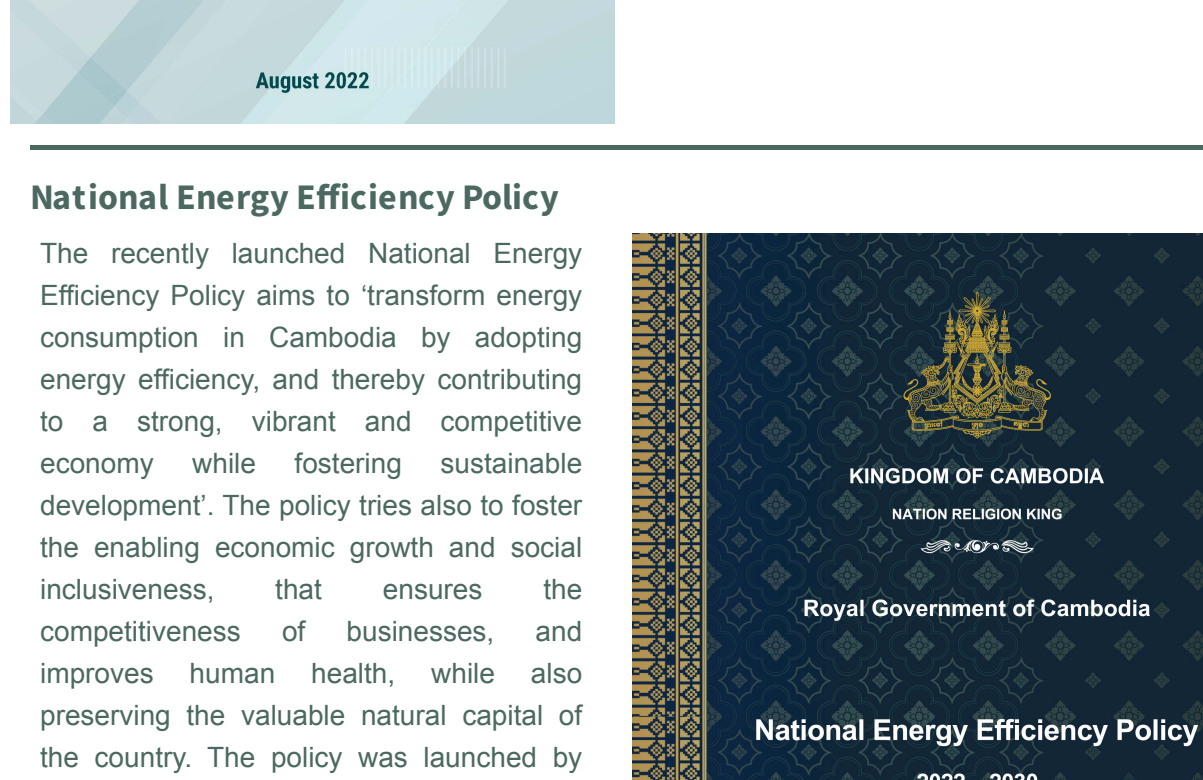


New climate change data is available in the data portal of the NCSD's website. The Cambodia Women's Resilience Index (WRI) of 2019 and 2022 was added to the portal, for instance. Based on the results, vulnerable and marginalized people, especially women are often more severely affected by the climate change, due to the nature of vulnerability.

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Environmental Management Information System on the NCSD's website

The Cambodia Environment Management Information System (CEMIS) is a crucial data management system for collecting, compiling, and developing data on the different aspects of environment and climate change. Following the launching of the system by the Ministry of Environment, an entry to the datasets has been provided also in the NCSD's data portal.

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CLIMATE CHANGE RELATED NEWS

Cambodia National Cooling Action Plan

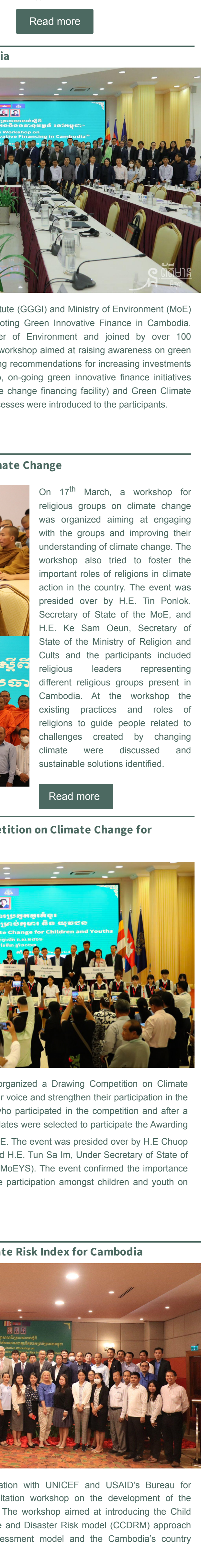


The Cambodia National Cooling Action Plan was recently launched, and the plan aims at responding to the increasing demand for energy consumption and reducing GHG emissions. The plan is also designed to realize Cambodia's long-term development in building a sustainable, green, and low-carbon society in the cooling sector. The action plan can be found in the NCSD's resources.

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National Energy Efficiency Policy

The recently launched National Energy Efficiency Policy aims to 'transform energy consumption in Cambodia by adopting energy efficiency, and thereby contributing to a strong, vibrant and competitive economy while fostering sustainable development'. The policy tries also to foster the enabling economic growth and social inclusiveness, that ensures the competitiveness of businesses, and improves human health, while also preserving the valuable natural capital of the country. The policy was launched by the Ministry of Mine and Energy (MME) presided over by Prime Minister Hun Sen in early May.

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Progress Report of 2022 on implementation of the Cambodia's Nationally Determined Contribution (NDC) and Long-Term Strategy for Carbon Neutrality (LTS4CN)



The NCSD with the support of the CCCA3 and all ministries involved compiled the 2022 progress report of NDC and LTS4CN implementation. Based on the results, there were a total of 68 NDC actions under implementation in 2022. Also, one LTS4CN action was under implementation preparation during the year. In total of 13 ministries and the REDD+ Secretariat, NCDM, and NCSD submitted their progress updates and there were 24 sectoral indicators covering the education, water resources, knowledge management, transport and energy sectors updated in 2022.

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Green Innovative Finance in Cambodia



On 07th March, the Global Green Growth Institute (GGGI) and Ministry of Environment (MoE) conducted a consultation workshop on Promoting Green Innovative Finance in Cambodia, presided over by H.E. Say Samal, Minister of Environment and joined by over 100 representatives from the financial sector. The workshop aimed at raising awareness on green innovative finance in Cambodia, and developing recommendations for increasing investments for sustainable and low-carbon projects. Also, on-going green innovative finance initiatives (e.g., thematic bond, carbon financing, climate change financing facility) and Green Climate Fund (GCF) readiness project preparation processes were introduced to the participants.

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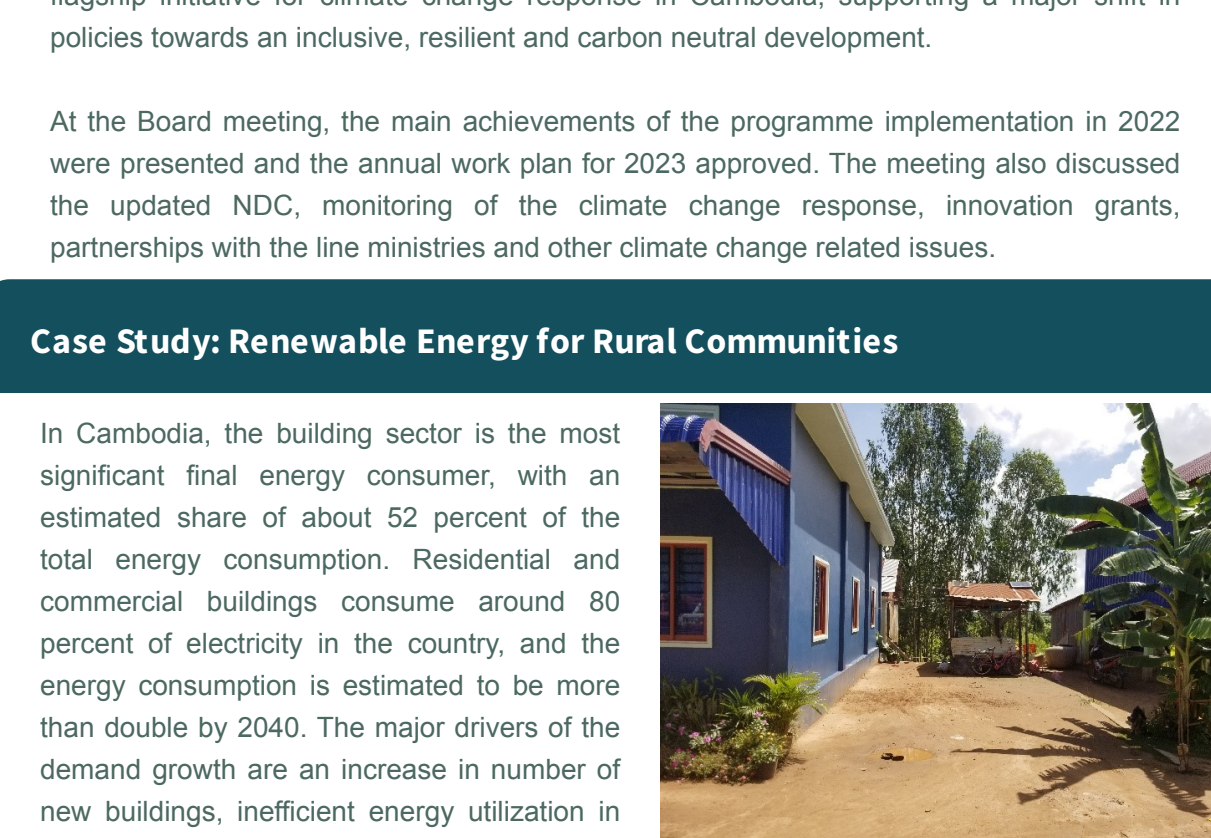
Awareness Raising Workshop on Climate Change



On 17th March, a workshop for religious groups on climate change was organized aiming at engaging with the groups and improving their understanding of climate change. The workshop also tried to foster the important roles of religions in climate action in the country. The event was presided over by H.E. Tin Ponlok, Secretary of State of the MoE, and H.E. Ke Sam Oeun, Secretary of State of the Ministry of Religion and Cults and the participants included religious leaders representing different religious groups present in Cambodia. At the workshop the existing practices and roles of religions to guide people related to challenges created by changing climate were discussed and sustainable solutions identified.

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Awarding Ceremony: Drawing Competition on Climate Change for Children and Youths



The DCC with the support of the CCCA3 organized a Drawing Competition on Climate Change for Children and Youth to capture their voice and strengthen their participation in the climate action. There were 444 candidates who participated in the competition and after a review of the competition drawings, 30 candidates were selected to participate the Awarding Ceremony organized on 21st March at the MoE. The event was presided over by H.E. Chuop Paris, Undersecretary of State of the MoE and H.E. Tun Sa Im, Under Secretary of State of the Ministry of Education, Youth and Sports (MoEYS). The event confirmed the importance of awareness raising and promoting of active participation amongst children and youth on climate change and environmental actions.

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Development of the Children's Climate Risk Index for Cambodia



From 6-7th April, the DCC with a collaboration with UNICEF and USAID's Bureau for Humanitarian Assistance organized a consultation workshop on the development of the Children's Climate Risk Index for Cambodia. The workshop aimed at introducing the Child Risk Data Initiative and the Children's Climate and Disaster Risk model (CCDRM) approach and adapting it to the subnational risk assessment model and the Cambodia's country context.

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Workshop on the Operations Manual for the Implementation of Article 6



On 5th June, with the coordination support from the General Directorate for Policy and Strategy of the MoE and the GGGI, the DCC conducted a validation workshop on the Operations Manual for the Implementation of Article 6 of the Paris Agreement in Cambodia. The Workshop was presided over by H.E. Dr. Pheav Sovuthy, Under Secretary of State, MoE aiming to present the final version of the manual to the wider group and validate the content of it. The workshop highlighted the importance of the manual that serves as a legal document to implement GHG emission reductions projects aligned with the country's commitments under the Paris Climate Agreement.

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Inauguration Ceremony of a 48 kWp Solar Micro Grid System

On 09th May, the DCC and CCCA3 in a collaboration with the MME inaugurated the 48 kWp Solar Micro Grid System located in Kaoh Kantheavy Island, Lerk Daek District, Kandal Province, as part of the project "Piloting Energy Efficiency and Solar Micro Grid for Cambodia's Clean Energy Future". The ceremony was presided over by H.E. Victor Jona, Under Secretary of State of MME. Companies, I.M.B and Kaam Samnor Development have co-invested in the system itself and the power distribution. There are 112 solar panels with a maximum power generation capacity of 450 w (1.04m x 2.1m) each installed. A total of 168 families (285 females) in the remote areas have benefited from the energy grid connections created. Moreover, the project has conducted energy audits of 10 government buildings with MME.

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Strengthening Air and Climate Pollution Management in Cambodia

On 30th June, the Department of Air Quality, Noise and Vibration Management, General Directorate of Environment Protection and MoE organized a closing workshop to present the key outputs of the project "Strengthening Air and Climate Pollution Management in Cambodia", funded by the CCCA3. The project has achieved all of its objectives including the completion of the draft Sub-decree on Air Quality, Noise and Vibration Management in Khmer. Moreover, the project developed the Air Quality Monitoring Data Platform, which can be accessed via this link: <https://airquality.moe.gov.kh/home>.

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4th Programme Executive Board (PEB) Meeting

On 20th June, the 4th Programme Executive Board (PEB) Meeting of CCCA3 programme took place. The meeting was presided over by H.E. Mr. Say Samal, the chairman of the NCSD and Minister of Environment with the representatives including the CCCA3's Board members, development partners and the national and international observers from the relevant line ministries.

In his opening remarks, H.E. Say Samal expressed that CCCA3 has played an important role in responding to climate change, and the policy and strategies development needs of the key ministries especially in piloting innovative technologies. CCCA3 has been a flagship initiative for climate change response in Cambodia, supporting a major shift in policies towards an inclusive, resilient and carbon neutral development.

At the Board meeting, the main achievements of the programme implementation in 2022 were presented and the annual work plan for 2023 approved. The meeting also discussed the updated NDC, monitoring of the climate change response, innovation grants, partnerships with the line ministries and other climate change related issues.

Case Study: Renewable Energy for Rural Communities

In Cambodia, the building sector is the most significant final energy consumer, with an estimated share of about 52 percent of the total energy consumption. Residential and commercial buildings consume around 80 percent of electricity in the country, and the energy consumption is estimated to be more than double by 2040. The major drivers of the demand growth are an increase in number of new buildings, inefficient energy utilization in existing buildings, increasing need for cooling in the buildings, and a continuously increasing penetration rate of electrical household appliances. The building sector will continue to grow in an unsustainable manner unless efforts are made to enhance energy efficiency and energy conservation in the buildings. The National Energy Efficiency Policy identifies huge energy saving potential in this sector.

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Case Study: The Effectiveness of Learning Visit Approach in Protected Area Management and Development

Preah Sihanouk Province established the Koh Rong and Koh Rong Samloem Archipelago as a Marine Fisheries Management Area (MFMA) in 2016, with the support of the Fishery Administration and development partners giving an important positive signal in order to sustain the further development of Cambodia's fishery sector. Recognizing the importance of fishery resources, and coastal and marine biodiversity, Preah Sihanouk has continued to work collaboratively with the Fishery Administration of the Ministry of Agriculture, Forestry, and Fisheries with the support of the CCCA3 to establish Prek Kampong Smach as the second marine fisheries management area of Cambodia after Koh Rong and Koh Rong Samloem Archipelago. Prek Kampong Smach "Veal Rinth Bay" is a unique area known of its abundance of coastal resources such as mangrove forests, seagrass, coral, and fish species.

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