



Republika ng Pilipinas
Kagawaran ng Edukasyon
REHIYON V

TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD NAGA

Advisory

December 20, 2024

(Re: Kaagapay- Environmental Education Program (EEP) Module Development Workshop sponsored by Reboot Phils on January 6-9, 2025 at the JMR Museum)

The Reboot Philippines, a duly registered non-stock, non-profit, youth-powered organization advocating for the Philippine just energy transition towards renewable energy in partnership sponsors the Kaagapay- Environmental Education Program (EEP) Module Development Workshop on January 6-9, 2025 at the JMR Museum.

The following Science Teachers of this Division are requested to participate in the Workshop on **Official Time** subject to non-disruption of classes. These teachers will be writers in crafting learning resources on Earth Science and Disaster Readiness and Risk Reduction.

List of Teacher Participants in the Kaagapay- EEP Module Development Workshop

Name	School
Ivan Christian B. Banastao	Sta. Cruz National High School
Christina A. Atole	Del Rosario High School
Odessa Balmes	Camarines Sur National High School
Michelle Kambwili	Leon Q. Mercado National High School
Seth Trinidad	Naga City Science High School

For other concerns, these teachers are advised to contact Ms. Polyanna Villaralbo through (+639614872061) or poly.villaralbo@reboot-philippines.org.

For information and guidance of all concerned.

SUSAN S. COLLANO CESO V
Schools Division Superintendent





Kaagapay: Environmental Education Programme (EEP) Module Development Workshop

CONCEPT NOTE

Background

The enactment of the Republic Act No. 10533 or the “Enhanced Basic Education Act of 2013” establishes the K to 12 Curriculum. The Department of Education (DepEd) has mandated all institutions within their jurisdiction to implement the curriculum, thus providing quality education to all learners through different disciplines and subject matter. The curriculum uses the ‘spiral progression’ approach – a pedagogical feature that ensures mastery of knowledge and skills by introducing concepts early in the curriculum and deepening them in succeeding years. This applies to all subjects, including those where climate change concepts are integrated.

On August 6, 2022, DepEd released an official statement on ‘strengthening climate education in K to 12 curriculum.’ By virtue of the Republic Act No. 9729 or the “Climate Change Act of 2009”, DepEd reaffirms its commitment to “strengthen climate literacy and support climate action in the basic education curriculum to hone learners and personnel who are climate literate and proactive in championing resilient and sustainable schools.” The statement also puts the department into action by reviewing learning competencies and by coordinating with different offices and experts in developing ‘multi-disciplinary climate change education’.

Higher education institutions (HEIs) are regulated by the Commission on Higher Education (CHED). The CHED Memorandum No. 20 s. 2013 on “General Education Curriculum: Holistic Understandings, Intellectual, and Civic Competencies” provided a framework on the revision of the General Education curriculum “as a paradigm shift and in the context of the K to 12 curriculum based on college readiness standards.” Climate change is taught under the Science, Technology, and Society (STS) course, as part of the current issues surrounding the application of science and technology. The STS course discusses the “societal impacts of developments in science and technology at the global and national level.”

Reboot Philippines (RebootPH), a youth-powered civil society organization, positions itself as a crucial actor in catalyzing action on climate, environment, and energy (CEE) campaigns. With RebootPH’s extensive portfolio on CEE promotion, existing efforts of educational institutions in mainstreaming climate education can be further strengthened through collaboration and co-creation of transdisciplinary responses to climate change.

Objectives

Kaagapay: Environmental Education Programme (EEP) Module Development Workshop is a 4-day learning and writeshop activity on climate, environment and energy literacy. The first part of the activity is a series of educational discussions on climate, environment, and energy in the country context. This is followed by an intensive locked-in writeshop to develop modules that can be

popularized and used by schools as instructional materials for basic (Grade 9-12) and higher education programs, and capacity-building trainings for young people.

Moreover, the activity aims to:

1. increase awareness on basic concepts of climate, environment, and energy (CEE) concepts;
2. promote mainstreaming climate, environment, and energy education in schools;
3. understand the baseline modules on CEE used in basic and higher education institutions;
4. co-develop supplementary instructional materials on CEE for students and teachers; and
5. propose strategies on mainstreaming CEE in the Philippine Education System.

Program

Day 1 Forum on Climate, Environment, and Energy January 6, 2025 (MON) Museo ni Jesse Robredo, Naga City, Camarines Sur	
TIME	ACTIVITY
8:00 AM – 8:30 AM (30 mins)	Registration
8:30 AM - 9:00 AM (30 mins)	Opening Program
9:00 AM – 9:15 AM (15 mins)	Opening Remarks Francis dela Cruz, Board Member Reboot Philippines
9:15 AM – 9:30 AM (15 mins)	Keynote Message Atty. Leni Robredo Angat Buhay Foundation
9:30 AM - 10:00 AM (30 mins)	Plenary 1: National Situationer on Climate, Environment, and Energy (CEE) Cheng Pagulayan, Climate Justice Portfolio Manager Oxfam Pilipinas

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10:00 AM - 11:30 AM (1hr 30 mins; 30 mins per presenter, 30 mins Panel Questions and Q&A)	<p>Panel Discussion 1: Integrating Climate Change into the Basic Education System and Higher Education Institutions</p> <p>Speakers: EnP Marie Sapuay, Climate Change Adaptation and Mitigation (CCAM) Program Focal Department of Education - Disaster Risk Reduction and Management Service (DRRMS)</p> <p>Commission on Higher Education (CHED)</p>
11:30 AM – 12:00 NN (30 mins)	Media Activity: Launching of Kaagapay Project
12:00 NN – 1:00 PM (1 hr)	Lunch
1:00 PM - 2:30 PM (1 hr 30 mins; 15 mins per presenter, 30 mins Panel Questions and Q&A)	<p>Panel Discussion 2: National Programs and Initiatives on Climate Response</p> <p>Speakers: National Youth Commission (NYC)</p> <p>Climate Change Commission (CCC)</p> <p>Department of Environment and Natural Resources (DENR)</p> <p>Living Laudato Si'</p>
2:30 PM - 3:00 PM (30 mins)	<p>Plenary 2: Climate 101 - Understanding Climate Systems and Justice Paradigms</p> <p>Reboot Philippines</p>
3:00 PM - 3:15 PM (15 mins)	Break
3:15 PM - 3:45 PM (30 mins)	<p>Plenary 3: Unpacking Just Energy Transition - Principles and Pathways</p> <p>Reboot Philippines</p>
3:45 PM - 4:15 PM (30 mins)	Open Forum
4:15 PM - 4:30 PM (15 mins)	Closing Program

Day 2 Module Development (Part 1) January 7, 2025 (TUE) <i>Museo ni Jesse Robredo, Naga City, Camarines Sur</i>	
TIME	ACTIVITY
8:00 AM – 8:30 AM (30 mins)	Registration
8:30 AM - 9:00 AM (30 mins)	Introduction: “Kaagapay: Environmental Education Programme (EEP) Module Development Workshop”
9:00 AM - 10:30 AM (1 hr 30 mins)	<p>Breakout 1A (Basic Education): Natural Hazards</p> <p>Speaker: Central Bicol State University of Agriculture</p> <p>Breakout 1B (Higher Education): Climate Change and Environmental Awareness</p> <p>Speaker: Central Bicol State University of Agriculture</p>
10:30 AM - 10:45 AM (15 mins)	Break
10:45 AM - 12:15 PM (1 hr 30 mins)	<p>Breakout 2A (Basic Education): Waste Management</p> <p>Speaker: GAIA Philippines</p> <p>Breakout 2B (Higher Education): Renewable Energy and Its Direct Contribution to Society</p> <p>Speaker: TBC</p>
12:15 PM - 1:15 PM	Lunch
1:15 PM - 2:45 PM (1 hr 30 mins)	<p>Breakout 3A (Basic Education): Energy Resources</p> <p>Speaker: Bicol State University College of Applied Sciences and Technology (BISCAST)</p> <p>Breakout 3B (Higher Education): Climate Action</p> <p>Speaker: The Climate Reality Project - Philippines</p>
2:45 PM - 3:45 PM (1 hr)	Plenary 1: Importance of Research in Module Writing

	Speaker: Ateneo de Naga University - Institute for Environmental Conservation and Research
3:45 PM - 4:00 PM (15 mins)	Break
4:00 PM - 5:00 PM (1 hr)	Plenary 2: Writing Effective Instruction (Part 1) Speaker: Ateneo de Naga University - College of Education
5:00 PM - 5:30 PM (30 mins)	Administrative Reminders
6:30 PM - 8:30 PM	Dinner

Day 3 Module Development (Part 2) January 8, 2025 (WED) <i>Museo ni Jesse Robredo, Naga City, Camarines Sur</i>	
TIME	ACTIVITY
6:00 AM - 8:00 AM	Breakfast
8:00 AM - 9:00 AM (1 hr)	Trust-Building Exercise: Getting to Know Your Partner (Part 2)
9:30 AM - 10:30 AM (1 hr)	Plenary: Writing Effective Instruction (Part 2) Speaker: Ateneo de Naga University - College of Education Facilitator: JETxNaga
10:30 AM - 10:45 AM (15 mins)	Break
10:45 AM - 12:00 NN (1 hr 15 mins)	Module Writing
12:00 NN – 1:00 PM	Lunch
1:00 PM – 3:30 PM (2 hr 30 mins)	Module Writing
3:30 PM – 3:45 PM (15 mins)	Break
3:45 PM – 5:30 PM (1 hr 45 mins)	Module Writing
6:30 PM – 8:30 PM	Dinner

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Day 4 Module Development (Part 3) January 9, 2025 (THU) <i>Museo ni Jesse Robredo, Naga City, Camarines Sur</i>	
TIME	ACTIVITY
6:00 AM - 8:00 AM	Breakfast
8:00 AM - 8:30 AM (30 mins)	Introduction: "Skills in Environment and Energy Advocacy and Leadership (SEAL)" Project Anthony Jacob, Program Director Reboot Philippines
8:30 AM - 10:00 AM (1 hr 30 mins)	Module Writing
10:00 AM - 10:30 AM (30 mins)	Break
10:30 AM - 12:00 NN (1 hr 30 mins)	Initial Presentation
12:00 NN - 1:00 PM (1 hr)	Lunch
1:00 PM - 2:30 PM (1 hr 30 mins)	Presentation of Module to Peers
2:30 PM - 2:45 PM (15 mins)	Break
2:45 PM - 4:15 PM (1 hr 30 mins)	Presentation of Module to Peers (cont.)
4:15 PM - 4:45 PM (30 mins)	Synthesis and Next Steps
4:45 PM - 5:00 PM (15 mins)	Closing Program

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