

TIME TO ACT IS NOW!

HOW TO ACCESS 3BILLION PEOPLE'S SURVIVAL FUND (PSF)

NONG C. RANGASA

Executive Director, LCCAD

Resident Trainer for LCCAP Formulation

Senior Coordinator, Office of the President-Climate Change Commission



Our development pursuits and efforts in reducing Climate and Disaster Risks are shaped by Four International Frameworks:

Sendai Framework for Disaster Risk Reduction 2015-2030 (Sendai, Mar 2015)



Addis Ababa Action Agenda (Addis Ababa, Jul 2015)



Sustainable Development Goals 2015-2030 (New York, Sep 2015)



Paris Climate Change Agreement (Paris, Dec 2015)



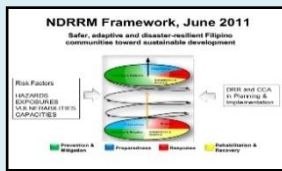
National and Local Government Mandates

To accelerate and fast-track the implementation of Paris Climate Agreement of the UNFCCC, Sendai Framework for DRR 2015-2030 and to achieve Sustainable Development Goal (SDG) in the Philippines

Republic Act 9729 “Climate Change Act of 2009 as amended by RA 10174 “The People Survival Fund”



Republic Act 10121 “ The National Disaster Risk Reduction and Management Act of 2010”



- Philippine Development Plan (PDP)
- National Climate Change Action Plan (NCCAP)
- Local Climate Change Action Plan (LCCAP)



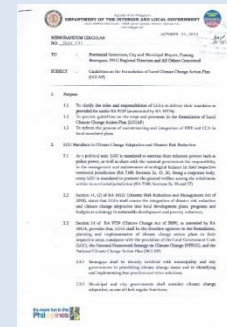
- National Disaster Risk Reduction and Management Plan
- Local DRRAM Plan



DILG MEMO CIRCULAR-2014-135

Joint Memo DBM-CCC 2015-01 Climate Change Expenditures Tagging and Tracking

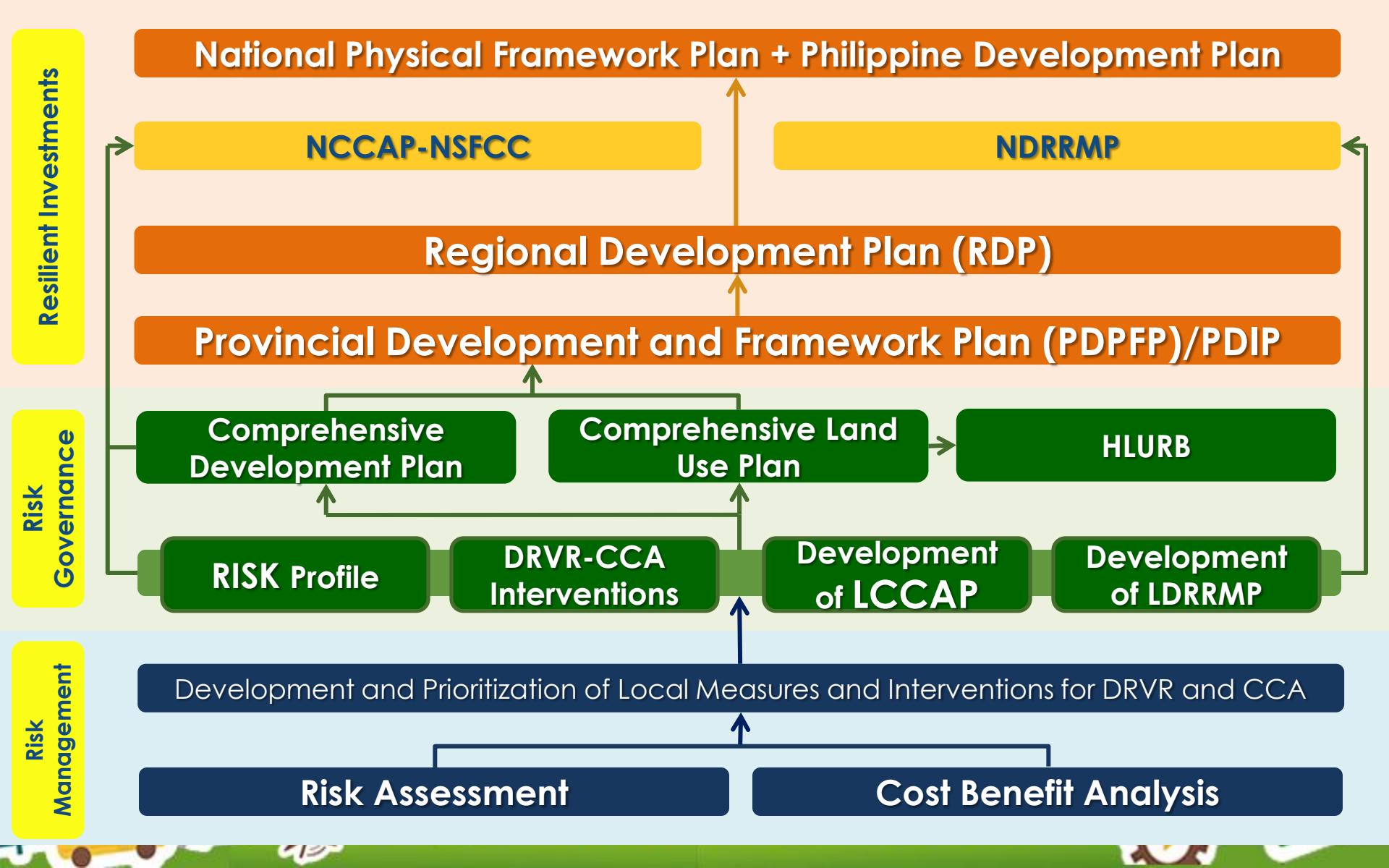
People’s Survival Fund (PSF)



Integration and Convergence of CCA-DRVRM in the **whole of society and government** will be pursued.

Integration of various existing government efforts towards a **COMPREHENSIVE, HOLISTIC, RISK-and-SCIENCE-BASED** approach to national and local development planning processes, implementing NCCAP, NDRRMP & NDC, and achieving national targets.





HOW TO ACCESS 3BILLION PEOPLE'S SURVIVAL FUND (PSF)



Republic Act 10174

People's Survival Fund (PSF)

RA 9729 or Climate Change Act of 2009 as amended by the R.A. 10174 The People's Survival Fund aims to provide **LONG-STREAM FINANCE** for **ADAPTATION** projects to increase resiliency of the communities and ecosystem.

There shall be an **annual allocation** of at least **1Billion** to finance **Local Government Units and Local/Community Organizations** who wish to access the fund.



GUIDING PRINCIPLES IN ACCESSING THE PSF?

Projects should be **adaptation-focused** and **consistent with the thematic areas of the NCCAP (PDP, LCCAP, CCA - DRR enhanced development plans)**

It is **SUPPLEMENTARY to any Annual Appropriations allocated** by relevant government agencies for climate change-related programs and projects by LGUs (*projects determined in the LCCAP/ECLUP/ECDP/VAs*).

It **encourages counterpart funding amounting to 10% of the total project cost** (financial or in-kind).



Who may access PSF?

The Fund can be accessed by

LOCAL GOVERNMENT UNITS

and

ACCREDITED LOCAL/COMMUNITY ORGANIZATIONS



CRITERIA FOR LOCAL & COMMUNITY ORGANIZATIONS

L/COs defined as those organizations that have maintained a **local scope of work** and has **established a provincial or municipal operational presence**.

Local/Community Organizations are eligible to access the Fund upon validation of their Certificate of Accreditation under **DILG Memorandum Circular 2013-70, DSWD-DBM-COA Joint Resolution 2014-01** or the **CCC Accreditation for Local/Community Organizations**.

CCC Accreditation for Local/Community Organizations criterion is based on organizational independence, track record in the community and/or field of expertise, financial management and participatory practices.

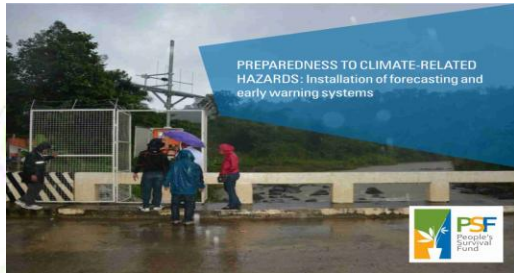


What Programs/ Projects/ Activities (PPAs) can be funded by PSF?

1. Adaptation activities in the areas of **water and land resources management, agriculture and fisheries, health, infrastructure development, and natural ecosystems**



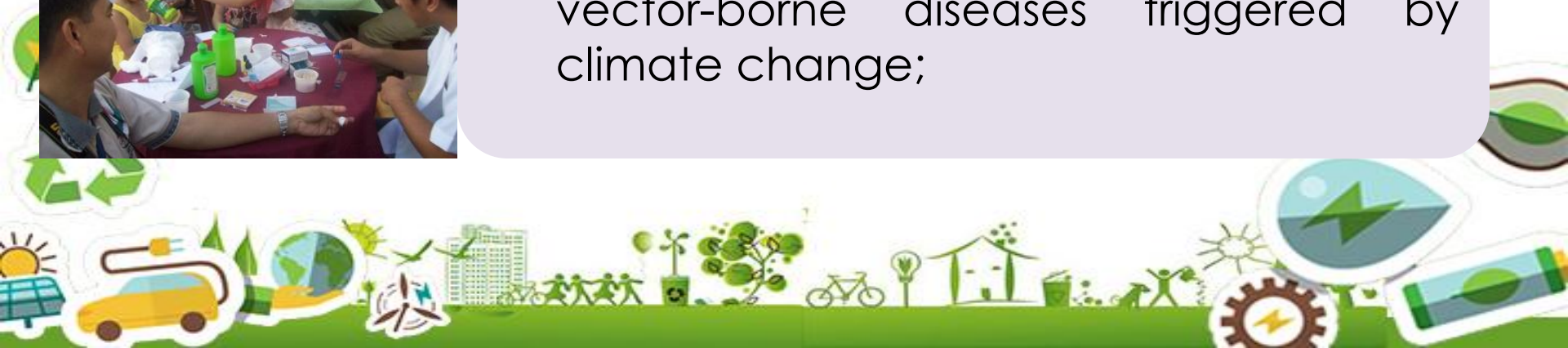
2. **Forecasting and early warning systems** as part of preparedness for climate-related hazards;



3. Institutional development, for local government units and organizations, for climate change **preventive measures, planning,** preparedness and management;



4. Monitoring, controlling and preventing vector-borne diseases triggered by climate change;



5. Establishment or strengthening **regional centers and information networks** supporting climate change adaptation efforts;



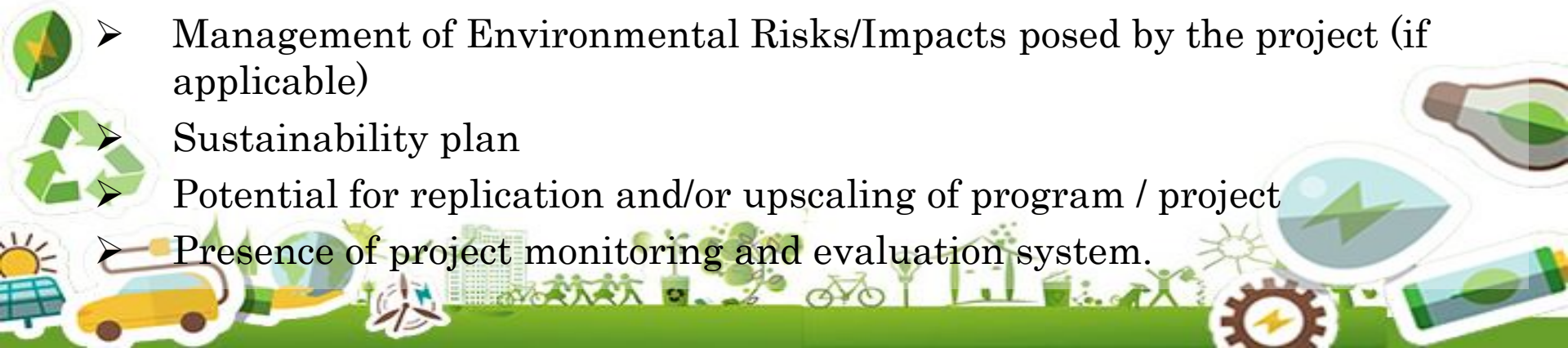
6. Serve as a guarantee for **risk insurance needs for farmers, agricultural workers** and other stakeholders;



Considerations for Proposals

PARAMETERS:

- Responsiveness/Consistency with development/sectoral plans
- Reference of Adaptation Projects
- Measurement of potential socio-economic benefits
- Potential Co-benefits
- Efficiency of Project Implementation
- Institutional mechanisms/arrangements to facilitate multi-stakeholder consultation and participation
- Gender/PWD Sensitivity
- Management of Environmental Risks/Impacts posed by the project (if applicable)
- Sustainability plan
- Potential for replication and/or upscaling of program / project
- Presence of project monitoring and evaluation system.



IMPORTANT REMINDERS

Local Government Units can apply for both hard (INFRASTRUCTURE) and soft (i e institutional development, capacity building, research, e tc) projects.

Local/Community Organizations can ONLY apply for soft projects.

Other stakeholders, private, NGAs or academe who wish to apply, may be implementing partner of any proposal as proposed by the LGUs/LCOs. Partnerships among various cities, municipalities or provinces are encouraged to apply as ONE proponent for ecosystem- based approach proposals.





CALL FOR PROPOSALS 2015



The Climate Change Commission invites Local Government Units and Local/Community Organizations to submit their climate change adaptation project proposals.

Proposals may be sent to psf@climate.gov.ph or addressed to 2U LPLP Bldg., J.P. Laurel St., Malacañan Compound, San Miguel Manila.

PSF Proponents Guidelines on Accessing the Fund and pre-forma template are available at psf.climate.gov.ph

Submission of starts on October 28, 2015

For more information go to www.psf.climate.gov.ph

STATUS:

56 Proposals received
(December 2016)
2 Proposals approved



Where to base our adaptation projects?

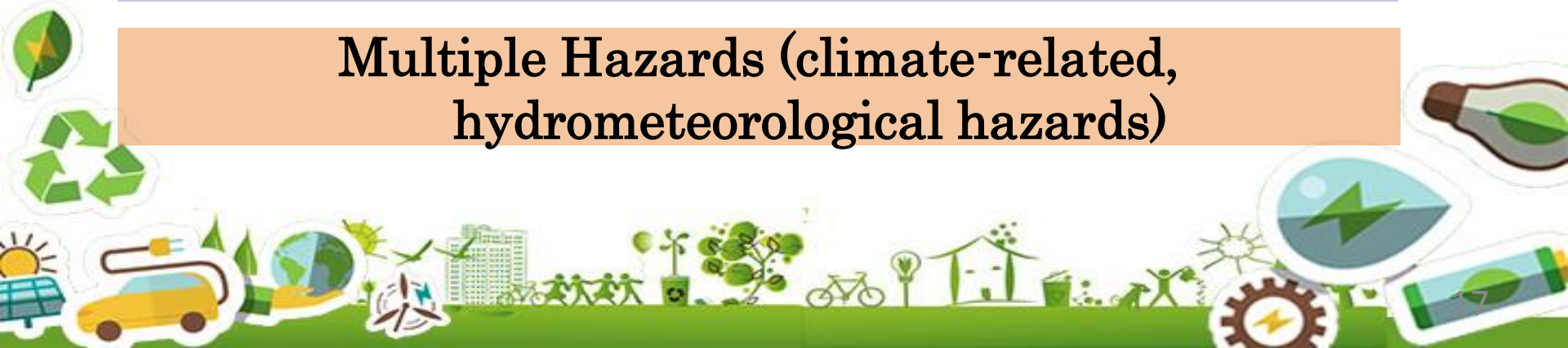
Enhanced Comprehensive Land Use Plan (*CLUP*)

Enhanced Comprehensive Development Plan (*CDP*)

Local Climate Change Action Plan (*LCCAP*)

Vulnerability & Risk Assessments

Multiple Hazards (climate-related,
hydrometeorological hazards)



What data do we need?

- **Climate Risks being confronted**
- **Climate Scenarios/ Climate Projections and its significance to your municipalities**
- **Climate-Proofing or climate designs should be integrated.**



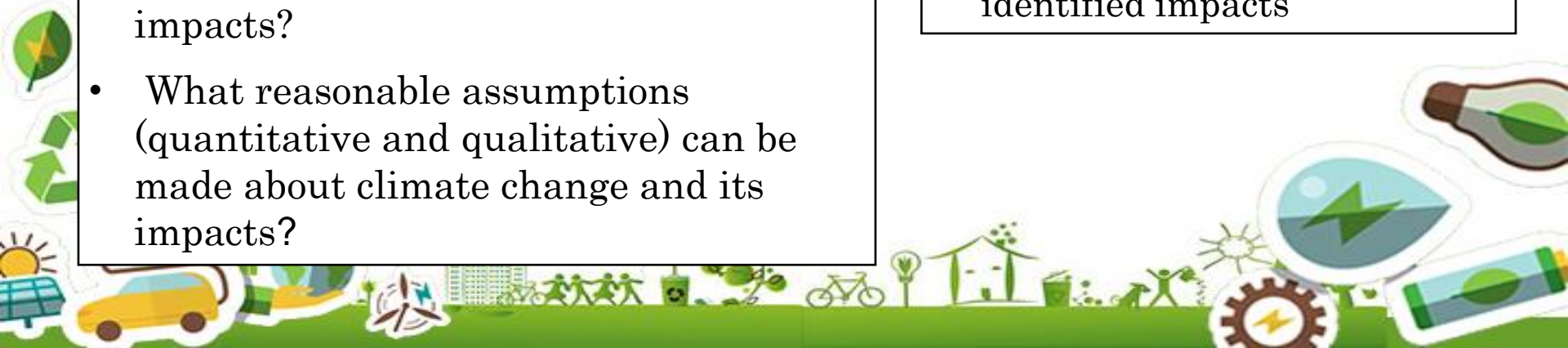
Information Needed in Assessing exposure and vulnerability

Activities

- What are the current and historical trends in climate?
- How is climate projected to change in the future?
- How will this affect natural and human systems of interest?
- What are the root causes for predicted impacts?
- What reasonable assumptions (quantitative and qualitative) can be made about climate change and its impacts?

Steps

- Look at observed climate trends
- Construct climate change scenarios
- Estimate future biophysical impacts
- Assign probabilities to identified impacts



What questions do we now need to consider?

- Do you know what impact climate change could have on your area?
- Do your current policies, strategies and plans include provision for the impacts of climate change?
- Can you identify and assess the risks from climate change to your services?
- Are developments with a lifetime of more than 20 years required to factor in climate change?
- Are you addressing climate change in your local Community Strategy?
- Do you consider climate risk in your decision-making ?



Impact Area	Impact	Climate Variables
Agriculture	Decrease in rice production	Rainfall Temperature
Water Resources	Water insufficiency	Rainfall Temperature
Coasts	Saline intrusion Storm surges	Sea surface temperature
Infrastructure	Damages and losses to buildings Road construction and maintenance	Temperature Rainfall Wind Pressure
Terrestrial biodiversity	Primary production Population extinctions	Temperature Rainfall
Marine biodiversity	Coral bleaching Sea life mortality	Sea surface temperature
Health impacts	Heat related mortality Infectious diseases	Temperature Humidity Rainfall



League of Municipalities of the Philippines
Local Climate Change Adaptation for Development (LCCAD)
2017 LMP National Roll-Out

 **MAYOR MARIA FE "Bubut" BRONDIAL**
Socorro, Oriental Mindoro
LMP National President

 **2D OF ALBAY REP. JOEY SARTE SALCEDA**
UN First Global Senior Champion on CCA-DRR

Training-Workshop on
the Formulation of
**Local Climate Change Action
Plan (LCCAP)**
in the Philippines and
FEDERALISM

"Malasakit at Pagbabago"

PHOTO BY MANG RODRIGUEZ / PRESIDENTIAL PHOTO

2017 LMP Calendar of Activities @ Sequola Hotel
LMP Training-Workshop on the LCCAP Formulation in the Philippines

▲ JANUARY	▲ FEBRUARY	▲ MARCH
4 - 6 MIMAROPA	1 - 3 ARMM, CAR	1 - 3 ILOCOS
11 - 13 CENTRAL LUZON/MIMAROPA	8 - 10 WESTERN VISAYAS	9 - 10 WESTERN MINDANAO
18 - 20 CARAGA/DAVAO	15 - 17 NORTHERN MINDANAO	15 - 17 CAGAYAN VALLEY
25 - 27 SOCSARGEN/ALBAY	22 - 24 EASTERN VISAYAS	22 - 24 CENTRAL VISAYAS
MARCH 13-14	LMP GENERAL ASSEMBLY	29 - 31 CALABARZON, BICOL



FOR MORE INFORMATION:

NONIC C. RANGASA
Executive Director, LCCAD
Resident Trainer for LCCAP Formulation in the Philippines

LCCADph
www.lccad.org
lccad.org@gmail.com

HON. MARIA FE "BUBUT" BRONDIAL
Mayor, Socorro, Oriental Mindoro
LMP National President

PLEASE CONTACT: Mobile Nos. 0917-6370866, 0927-9961237 Globe/ 09984757929 Smart



2017 LMP National Roll-Out Training-Workshop on the Formulation of Local Climate Change Action Plan (LCCAP) in the Philippines



2017 LMP National Roll-Out Training-Workshop on the Formulation of Local Climate Change Action Plan (LCCAP) in the Philippines



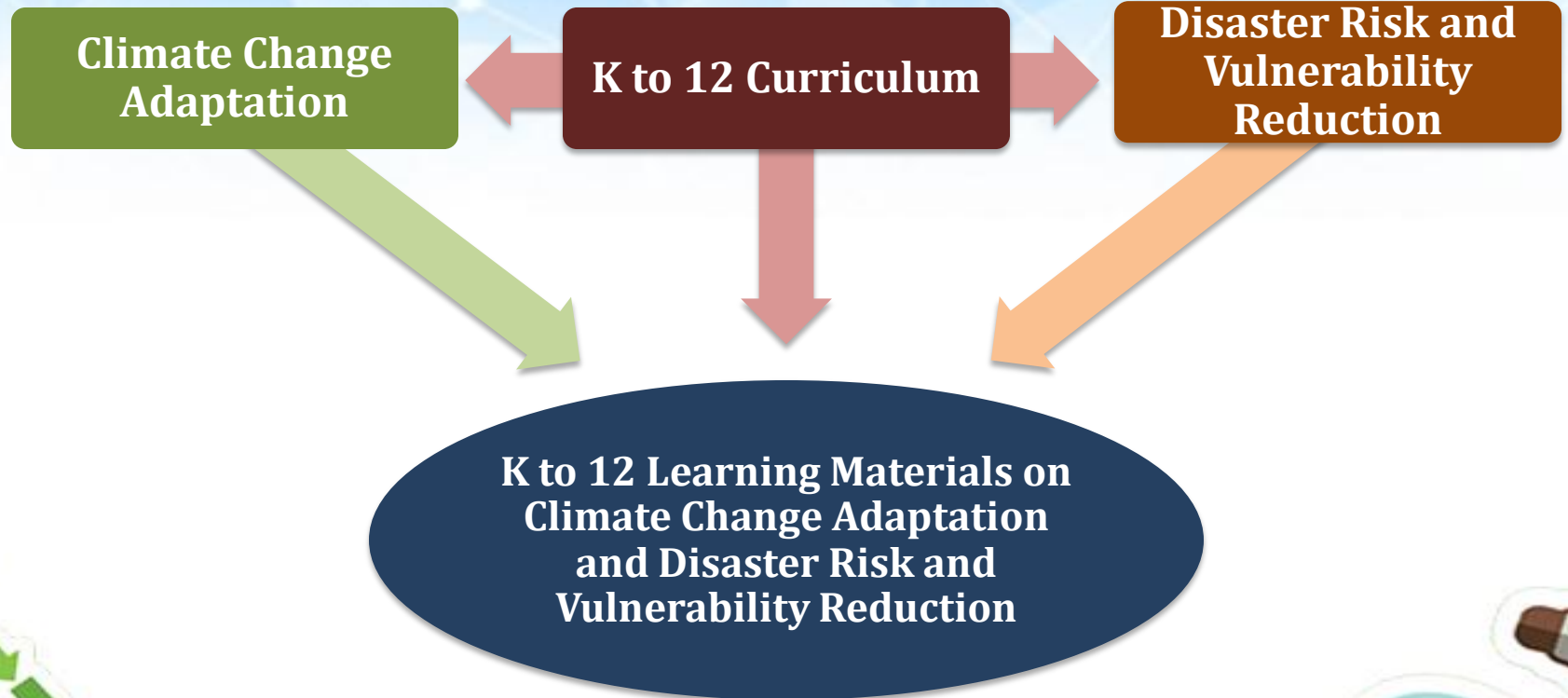
**Integration of Climate Change
Adaptation and Disaster Risk &
Vulnerability Reduction to the
DepEd K to 12 Curriculum**

**K to 12 Learning Materials on
Climate Change Adaptation and
Disaster Risk & Vulnerability
Reduction**

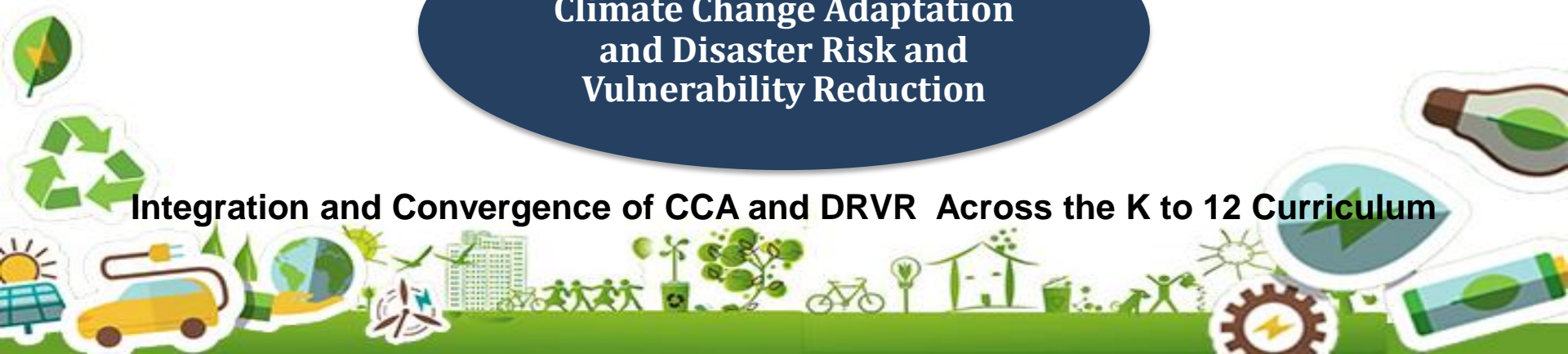


K to 12 Learning Materials on CCA & DRVR

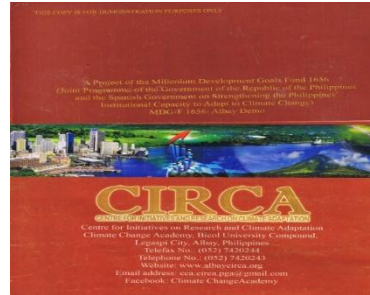
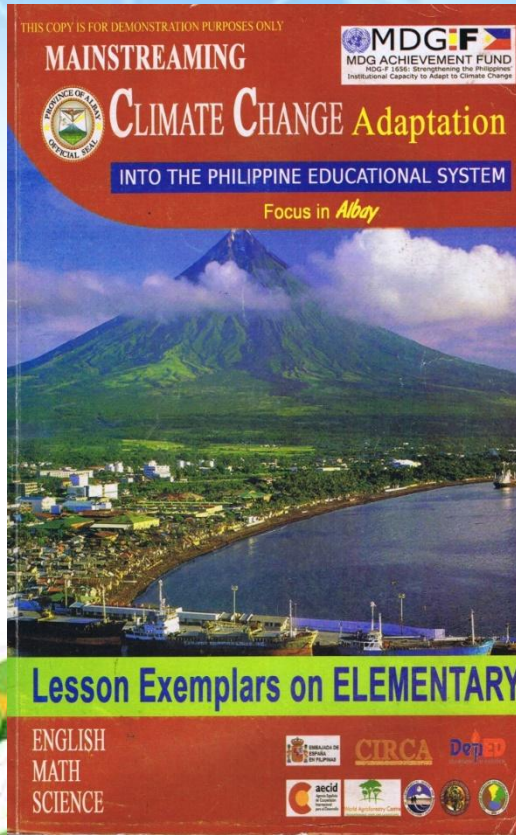
First in Asia and in the World



Integration and Convergence of CCA and DRVR Across the K to 12 Curriculum



Lessons Exemplars on CCA



The Learning Materials are sequel to the Lessons Exemplars project named **“Mainstreaming Climate Change Adaptation into the Philippine Educational System: Focus in Albay”** last 2010 by former Albay Governor, now the province’s 2nd District Representative, **Joey Sarte Salceda**, then Albay Center for Initiatives and Research on Climate Adaptation (CIRCA) and Climate Change Academy Executive Director **Nong C. Rangasa**, Spanish Government (AECID), United Nations Development Programme, **Department of Education** and other stakeholders.

Gov. Joey Sarte Salceda named as first Senior Global Champion on Climate Change and Disaster Risk Reduction by the UNISDR



National Panel of Technical Experts (NPTE) Meeting and K to 12 Technical Writeshop of Teachers

The NPTE provided lectures on the science on climate change and disaster risk reduction to the teachers. Project stakeholders also met.



*Feb. 18 - 21, 2016
Legazpi City, Albay*

*April 26 - 27, 2016
Legazpi City, Albay*

Grades 5, 6 and 11 Training Writeshop

Selected teacher-writers cum critics crafted the Learning Materials for Grades 5, 6 and 11



*July 27 - 31, 2016
Legazpi City, Albay*

*Feb. 18 - 21, 2016
Legazpi City, Albay*



LCCAD facilitated the editing of K to 12 Learning Materials written during the February writeshop and writing of additional LMs

Convergence Meeting for rewriting, re-editing and fine tuning of K to 12 Learning Materials



Selected teacher-writers, critics and DepEd Albay Education Supervisors wrote additional learning materials

First Quality Assurance and Pre-Finalization of K to 12 Learning Materials & Project NOAH Lecture





K to 12 Learning Materials Exhibit at the House of Representatives

The LMs were on exhibit at the House of Representatives. Several representatives expressed their support.



Final Quality Assurance, Rewriting and Proofreading of the K to 12 Learning Materials

Teachers and the DepEd Albay Division Supervisors rewrote and proofread the learning materials based on the assessment of the BLR/BCD of Deped Central

*October 2016
DepEd Central Office, Pasig City*

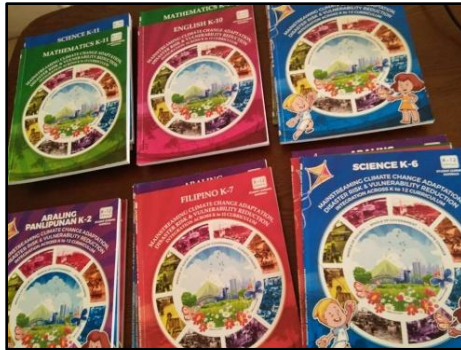
*November 22, 2016
House of Representatives*

*November 25, 2016
Sofitel Hotel, Pasay City*

*January 9, 2017
Legazpi City, Albay*

The Bureau of Curriculum Development of the DepEd Central Office started the assessment of the LMs

Assessment of the K to 12 LMs by the Bureau of Curriculum Development of DepEd



During the SCORE Conference and Exhibit, the teacher-writers cum critics presented teaching demo of the LMs to the participants.

Teaching Demonstration of the LMs on the CCC SCORE Conference & Exhibit



National Panel of Technical Experts



Rex Victor O. Cruz, PhD
Former UPLB Chancellor
Environment and Ecology



Felino P. Lansigan, PhD
Dean, CAS-UPLB
Environment and Ecology



Rodel D. Lasco, PhD
Director, OML Center for CCADRM
Environment and Ecology



Juan M. Pulhin, PhD
Scientist II, CFNR-UPLB
Environment and Ecology



Porfirio M. Aliño, PhD
Professor, MSI-UP Diliman
Ecology and Biodiversity



Laura T. David, PhD
Professor, MSI-UP Diliman
Ecology and Biodiversity



Fr. Jose Ramon T. Villarín, SJ
President, Ateneo de Manila University
Climate Science



Glenn Roy V. Paraso, MD
Director, Mary Johnston Hospital
Health Science



Rosa T. Perez, PhD
Senior Fellow, Manila Observatory
Meteorology



Lourdes V. Tibig, PhD
Climate & Weather Specialist
Meteorology



Carlos Primo C. David, PhD
Executive Director, PCIEERD
Earth and Environment Science



Fernando P. Siringan, PhD
Professor, MSI-UP Diliman
Earth and Environment Science



Leandro Buendia, PhD
Int'l Climate Change Consultant
Greenhouse Gas Emission



Leoncio A. Amadore, PhD
Professor, IESM-UP Diliman
Climate and Earth Science

K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

Let's **Climate**

Can we **Change**?

Let's **Adaptation** Reality

Oops. It's **Disaster** Time

Let's **Risk**

Why do we **Vulnerability**

How do we **Reduction** Re-energize?



K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

1. Let's Create /

Tayo nang Lumikha

➤ The students will be able to form ideas regarding the subject matter and/or the climate hazard



Let's CREATE

Climate



Tayo nang Lumikha

Climate



K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

2. Can we Connect? / *Maiuugnay ba ninyo?*

➤ The students will be able to initially relate the K to 12 subject to a climate or disaster scenario

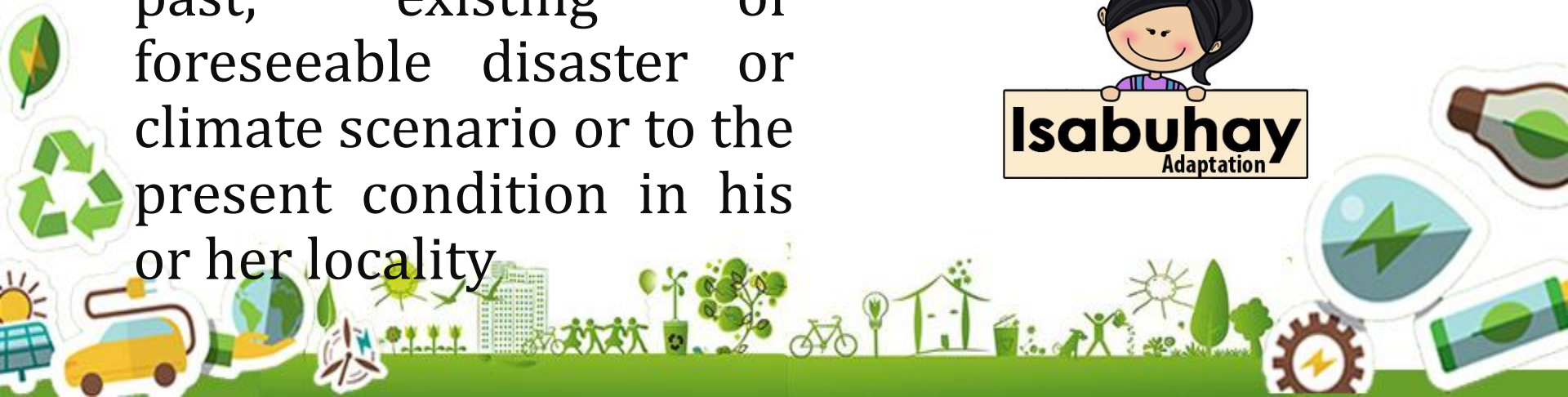


K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

3. Let's Apply it to Reality / *Isabuhay*

➤ The students must connect the lesson to a past, existing or foreseeable disaster or climate scenario or to the present condition in his or her locality



K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

4. Oops. It's Deepen Time/*Pagpapalalim*

➤ The students will be taught with additional activities in order to gain a better relation of the lesson to disasters and climate scenarios.



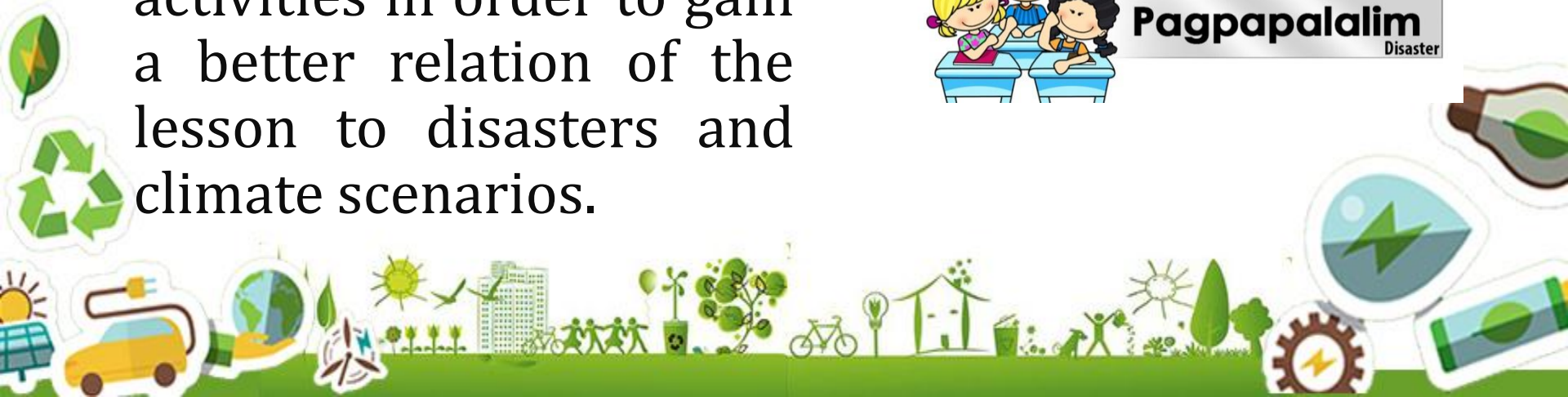
Oops. It's DEEPEN time

Disaster



Pagpapalalim

Disaster



K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

5. Let's Reflect / *Pagnilayan natin*

➤ The students should ponder or contemplate on how they will use the understanding of the activity to future disaster or climate events.



Let's REFLECT

Risk



Pagnilayan natin

Risk



K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

6. Why do we Value */ Pahalagahan Natin*

➤ The students must show self-awareness to the impacts of climate change adaptation and disaster risk and vulnerability reduction.



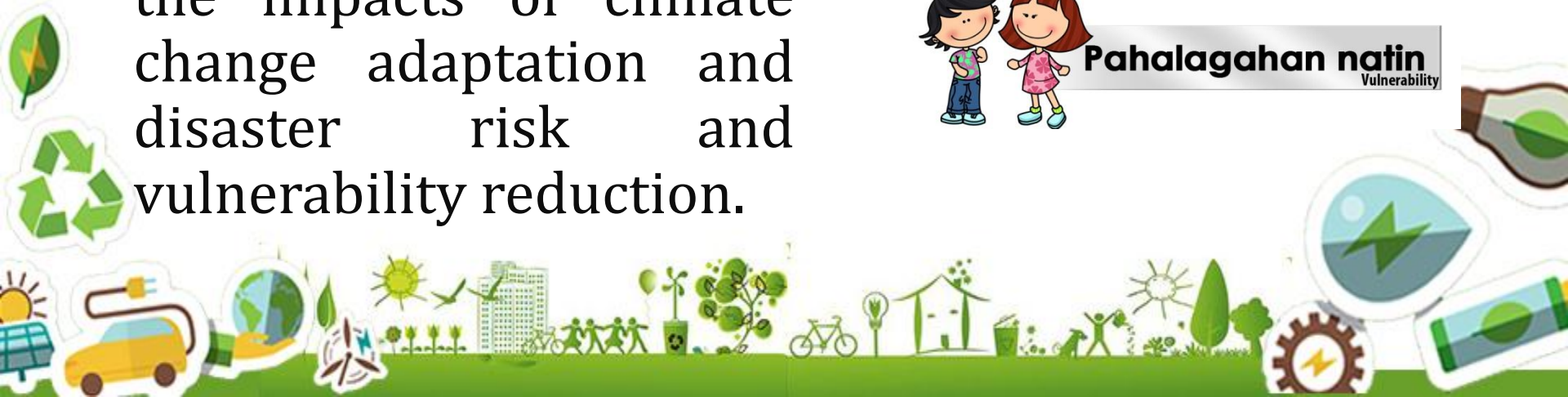
Why do we VALUE?

Vulnerability



Pahalagahan natin

Vulnerability



K to 12 CCA-DRVR Formula

(Vertically and Horizontally aligned with the K to 12 curriculum)

7. How do we Revive or Re-energize / *Palaguin natin*

➤ The students must be able to apply the skills learned to real life situations and create advocacies to adapt to climate change and diminish the risk & vulnerabilities to disasters



Reduction
**How do we
REVIVE/REENERGIZE?**



Reduction
Palaguin natin

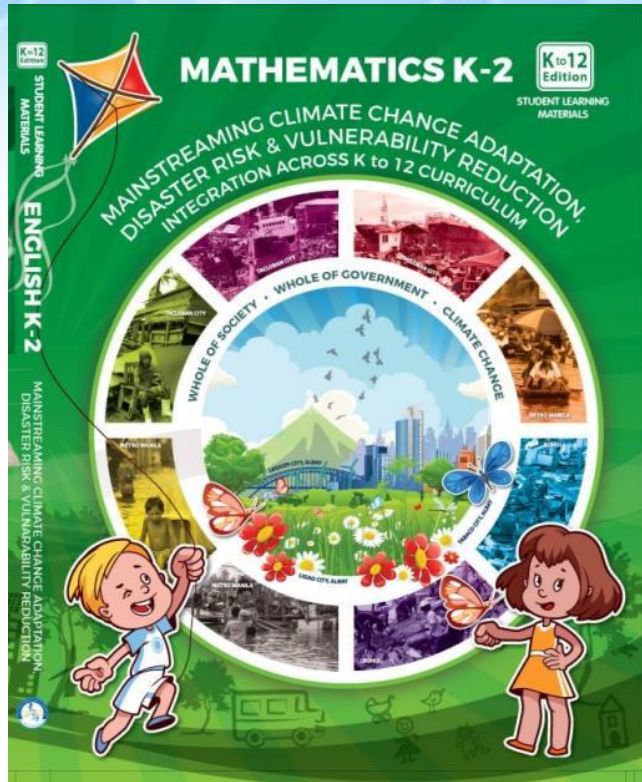


Final Output

The final output are as follows:

- Minimum of three (3) Learning Materials for every grading quarter (Periodic)
- Each Learning Material has their own answer sheet or key to correction
- All Learning Materials were validated and checked by DepEd Albay Division and LCCAD

The Learner's Materials Book



Changes in materials based on the effect of temperature
Code: 53MT-Ih-j-4.1


I. Objectives

1. Describe changes in materials based on the effect of temperature: SOLID to LIQUID
2. Tell that heat causes solid materials to melt and when it becomes excessive it contributes to general changes on earth's temperature.

II. Activities

Let's CREATE Climate

Directions: Put a check () on the materials whether it is hot or cold.

1	Materials	Is this hot?	Is this cold?
1	 Lighted candle		

11

Every subject for every grade level will be compiled in one book and will be presented to the project partners before the roll out to Philippine schools.



THANK YOU!

