

Philippine Institute for Development Studies

19th Development Policy Research Month September 2021

"RESET AND
REBUILD
for a better
Philippines in a post
pandemic world"

Green and Inclusive Recovery



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National Resilience Council &

Manila Observatory

OUTLINE



- Key messages from AR6 WG1
- Green/Blue Recovery and Inclusivity
- Opportunities for Green/Blue Recovery
- Strategy: Risk-informed sustainable development and resilient
- An example of a partnership for resilience and sustainability

Key Messages of WG1 AR6

Humans are causing climate change.

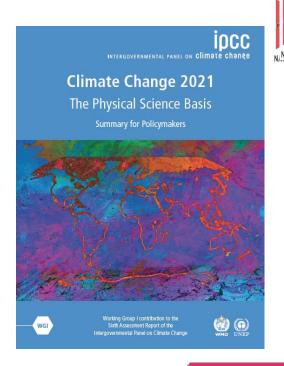
Temperatures will keep rising, without deep emission cuts.

Weather is getting extreme (more frequent, more intense)

Arctic summers could soon be free of ice by 2050.

Seas will rise no matter what.

We are running out of time.



Emissions reductions in 2020 associated with measures to reduce the spread of COVID-19



- Global lockdown >>> large drop in emissions by ~27%, but.....
- Drop in CO2 emissions had no detectable impact on atmospheric CO₂



https://www.cbsnews.com/news/earth-day-how-the-pandemic-is-changing-air-pollution-levels/

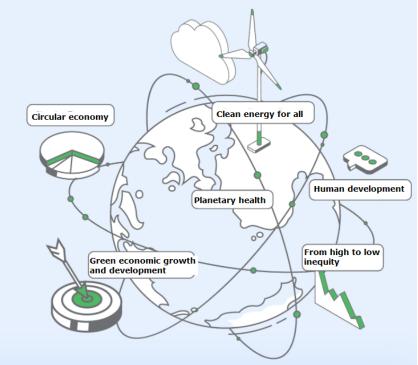
A green recovery and

just transition

PREPARE ADAPT TRANSFORM

NATIONAL RESILIENCE COUNCIL

An economic recovery that includes people & communities and the planet.

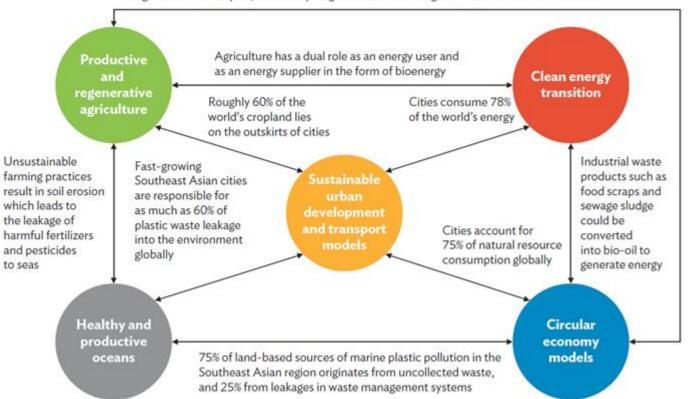


Green recovery is a widely adopted name for a proposed package of environmental, regulatory and fiscal reforms to recover prosperity after the COVID-19 pandemic

Five Green Growth Opportunities



Agriculture offers opportunities for the circular economy from primary production using precision agriculture techniques, to the recycling and utilization of agricultural wastes and materials



Sources: UN HABITAT; Ellen
MacArthur Foundation; Proceedings of
the National Academy of Sciences of
the United States of America;
Economic and Social Commission for
Asia and the Pacific; Ernst and Young;
Environment and Natural Resources
Journal; National Ocean Service
(United States); AlphaBeta analysis. As
cited in ADB,2021. ADB BriefsImplementing Green Recovery in SE
Asia.. Manila, Philippines

Opportunities for Blue recovery



Invest in Sewerage and Wastewater Infrastructure for Coastal Communities

BENEFITS:

Short-term job creation, avoided revenue loss from beach closures, improved societal well-being, reduction water-borne diseases, improved reef and ecosystem health and reduced greenhouse gas (GHG) emissions

Invest in Coastal and Marine Ecosystem Restoration and

Protection

Short- and long-term job creation, improved societal well-being, improved water quality, improved reef and ecosystem health, wild fish stock recovery, increased coastal resilience and carbon sequestration

Invest in Sustainable Community-Led Non-fed Mariculture

BENEFITS:

Short- and long-term job creation, economic diversification for coastal communities, improved livelihoods (particularly for women), improved water quality, wild fish stock recovery, reduced GHG emissions and carbon sequestration

MARICULTURE

Incentivise Sustainable Ocean-based Renewable Energy

BENEFITS

Short- and long-term job creation, new economic opportunities for zero-emission fuel generation, improved local air quality, opportunities for water security through desalination and reduced GHG emissions

SOLUTION: Incentivise the Transition to Zero Emission Marine Transport

BENEFITS:

Short- and long-term job creation, indirect long-term job creation in tourism and fisheries sectors, improved local air quality, resilience and reduced GHG emissions and ocean acidification

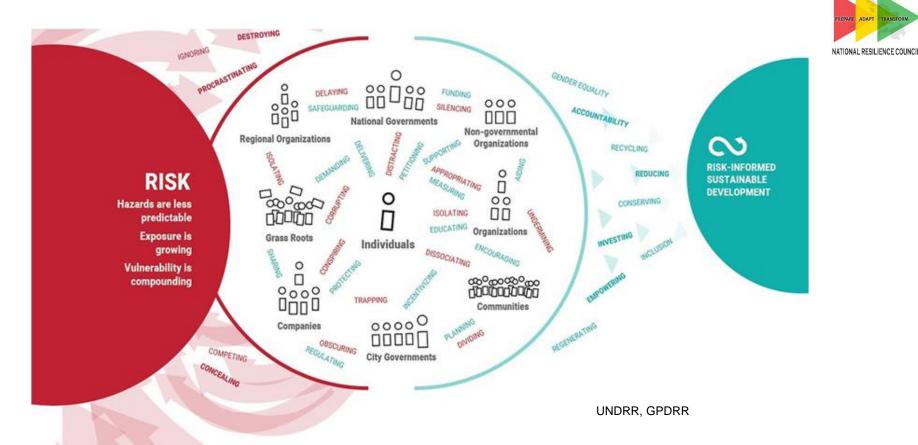




OCEAN-BASED RENEWABLE ENERGY

MARINE TRANSPORT Northrop, E., et al. 2020. "A Sustainable and Equitable Blue Recovery to the COVID-19 Crisis." Report. Washington, DC: World Resources Institute. Available online at http://www.oceanpanel.org/ bluerecovery Strategy: Risk informed, resilient and inclusive sustainable development

REPARE ADAPT TRANSFORM



The National Resilience Council (NRC)

Goals



Build a resilient Philippines through science and technologybased public-private partnerships



Enhance internal capacities of Local Government Units through evidence-informed risk governance



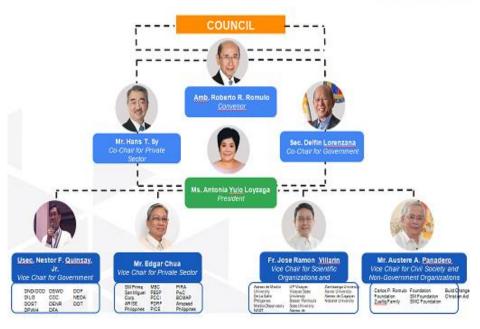
Strengthen and sustain high-level collaboration between national government agencies and industry



Implement the Resilient Local Government Unit Program with a core group of LGUs

Organization





Multi-stakeholder Partnerships

Localized metrics co-designed & co-owned



THE RESILIENCE FRAMEWORK

LEADERSHIP AND **GOVERNANCE IN RESILIENCY**

- Leadership Commitment and Competencies
- **Empowered** Stakeholders
- Integrated Development Planning, Implementation and Fvaluation

IMMEDIATE OUTCOMES

Human Development

- Health
- Education
- Social Protection

Local Economy

- Livelihood
- » Micro, Small, Enterprises

» Lifelines

- » Housing Buildings
- and Medium
- » Large **Businesses**

Infrastructure **Environment**

- Ecosystems
 - Socioecological Protection System
 - » Pollution Management and Resource

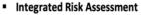
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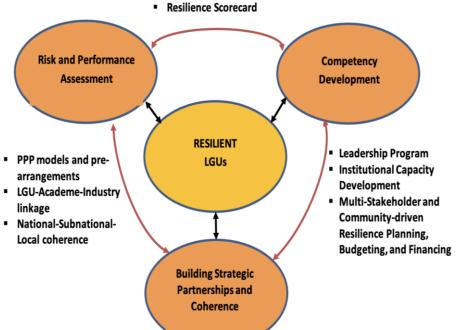
IMPACT

- Resilient Local Government **Systems**
- Reduced Deaths, Damage to Properties, Infrastructure, and Agriculture
- Development Continuity

Resilient LGU Program







Sendai Framework for Disaster Risk Reduction 2015 - 2030

































3-year, 2-track Resilient LGU Program



PREPARE (Baseline) Ownership

How can we minimize loss of lives and assets?

ADAPT (Institutionalize) Co-ownership

How can we improve existing systems to reduce risks?

TRANSFORM (Implement)
Co-Creation

How can we change existing systems to achieve resilience and sustainability

LEADERSHIP & GOVERNANCE

- Resilience Leadership Program Module 1 to Module 6
- · NRC Coalition Workshop M1 to M6
- · Practicum with Coaching

SCIENCE & TECHNOLOGY

- Year 1 Climate and Disaster Risk Assessment
- · Year 2 Deepening Systems Thinking
- Year 3 Solutions-Driven Action Research/ Choosing the Right Tools



Competency Development



	Academics	Policy – Practice Research	Extension/Application
Physical, Social and industrial Sciences	Core and Elective Subjects	Generation of Knowledge	CCAR APs+LGUs
CDRA/ Systems Dynamics	Certificate Course	Immersion, Training and Skills Enhancement	CCAR APs+LGUs+NRC
BA, BS, MA/MS MDRR	Degree Programs	Education, Training and co-	CCAR APs+LGUs+NRC



Thank You