

Policy Dialogue on Leveraging Technology and Innovation for Disaster Risk Management and Financing

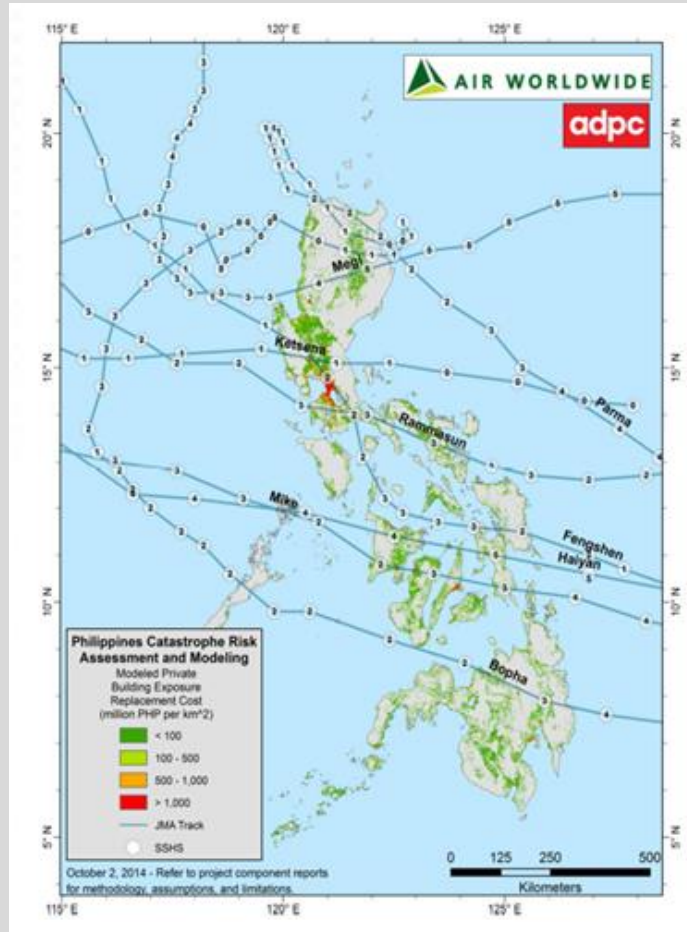
PHILIPPINE DISASTER RISK FINANCING STRATEGY

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NATURAL DISASTERS PHILIPPINES CONTEXT

THE NEW NORMAL



Typhoons Ondoy (Ketsana), Pepeng (Parma), Sendong (Washi) and Pablo (Bopha)



**CASUALTIES: 3000+
AFFECTED: 10 million+**



**ECONOMIC DAMAGE
PHP256 billion (USD5.77 billion)**

Typhoon Yolanda (Haiyan)



CASUALTIES: 6201



**ECONOMIC DAMAGE
PHP571 billion (USD12.87 billion)**

THE PHILIPPINE STRATEGY

PHILIPPINE DEVELOPMENT PLAN (PDP) 2017-2022

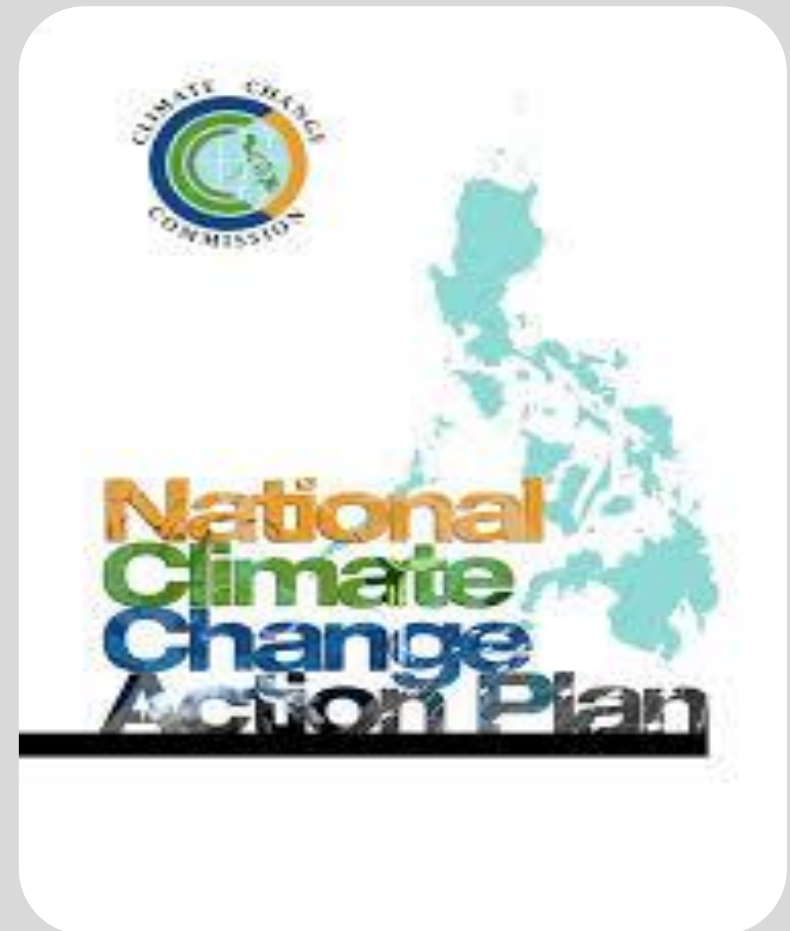


Under the PDP 2017-2022, strategies to achieve sustainable development and environmental protection—including climate change adaptation and mitigation, and disaster risk reduction—are already espoused.

By 2022, the targets intend to make individuals and communities resilient by reducing exposure to hazards, mitigating impact of risks and accelerating recovery after disasters.



DRR and CC Plans 2011 - 2028



PHILIPPINES DRFI STRATEGY

DEVELOPMENT OBJECTIVES

- ✓ maintain sound fiscal health
- ✓ develop sustainable financing mechanisms
- ✓ reduce the impact on the poorest and most vulnerable; shield the near-poor

STRATEGIC PRIORITIES

National Level: Improve the financing of post-disaster emergency response, recovery, and reconstruction needs

Local Level: Provide local governments with funds for post disaster recovery and reconstruction efforts

Individual Level: Empower poor and vulnerable households and owners of small and medium-sized enterprises to quickly restore their livelihoods after a disaster

RATIONALE AND LEGAL CONTEXT

- **NEW NORMAL:** Protecting the Government's fiscal capacity across all possible disasters requires new instruments and policies
- Outcome 5 of National Disaster Risk Reduction and Management Plan 2011-2028
- Consistent with the ASEAN Agreement on Disaster Management and Emergency Response, and the ASEAN DRFI Roadmap
- Can feed into the DRFI initiative under APEC Cebu Action Plan
- Commitment under Second Disaster Risk Management Development Policy Loan with a Catastrophe-Deferred Drawdown Option

The brave new world of technology

GeoRisk Initiative



GeoRiskPH
INNOVATIONS FOR RESILIENCE



GeoMapperPH
GEORISKPH



GeoAnalyticsPH
GEORISKPH



HazardHunterPH
GEORISKPH

National Asset Registry System

Assets Covered

Schools, roads, bridges, hospitals, dams, irrigation facilities and welfare enters



Assets Information

- ✓ Geographical Information
- ✓ Asset Attributes
- ✓ Risk Mitigation Features
- ✓ Legal and Ownership Information

Analytics Output

- ✓ Asset Insurance
- ✓ Risk Modeling
- ✓ Asset Maximization

LONG TERM GOALS FOR INCREASING RESILIENCY



Continue working with Development Partners and the Private Sector on strengthened implementation of the DRFI and CC Strategy, across the national, local, and individual levels



Draft Bills establishing the **Department of Disaster Resiliency**



Creation of the Sustainable Finance Inter-Agency Group which will oversee the development of a green and sustainable country

THANK YOU