

Department of Environment  
and Natural Resources

# DEVELOPMENT PLAN AND PIPELINE PROJECTS

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# DEVELOPMENT PLAN OF DENR

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## SUSTAINABLE INTEGRATED AREA DEVELOPMENT (SIAD)

Framework for localizing development, creating social enterprises in the countryside and building "mini economic zones" that can generate employment, livelihood and equitable income-generating activities in communities.







# DEVELOPMENT PLAN OF DENR

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## **AmBisyon Natin 2040**

25-year long-term vision that seeks to have a Philippines that is predominantly middle-class society by 2040



# SUSTAINABLE INTEGRATED AREA DEVELOPMENT (SIAD)

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- “In area development, the key thing here is people’s access to environment, and if you want to develop an area, you have to develop the people.”  
- Secretary Regina Paz L. Lopez
- Following the convergence model, the civil society, academe, business sector, concerned government agencies and the community will be brought together to help build the model Area Development Management Program (ADMP) areas.





# Area Development Management Program (ADMP) Sites





# PIPELINE PROJECTS

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# MANGROVES FOR RESILIENCE

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- Mangroves reforestation and rehabilitation in three 300,000 hectares of at-risk coastal areas, as well as the of other mangrove areas into eco-tourism sites.
- Mangroves sequester 4 tons of carbon per hectare per year, serves as a strong line defense against the impacts of strong typhoons, waves, currents, and associated flooding occurrences.
- An estimate of 525,000 Filipino people would be employed to green jobs involved in mangrove reforestation, rehabilitation, and management, which would directly benefit 2.6 million household members.







# BAMBOOS FOR RESILIENCE

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- Reforestation of 1 million hectares of bamboos within the 143 critically denuded watersheds supporting 165 components of the National Irrigation System with a total area of about 4.3 million hectares.
- Bamboos sequester 400% more carbon per unit area and give off thirty five percent more oxygen than trees.
- Planting 1 million hectares of bamboos will generate 2.3 million green jobs benefitting 11.5 million households, which means that it could also help in alleviating poverty in upland communities.



# WEALTH CREATION FROM BIODIVERSITY

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- Plan to establish a translation medicine institute to protect, utilize, and take ownership of endemic species of microbes and other organisms, for environment and health use.
- There is a need to process and claim rights over endemic species because other countries have been doing so for endemic species in the Philippines, which earns millions of dollars in royalty.
- Convergence project with the Department of Science and Technology.





# WATER PROJECT

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Plan to establish water impoundment facilities, especially in Cebu, Baguio, and other areas with water shortage.



# LAGUNA DE BAY PROJECT

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Plan to rehabilitate the lake, which is as big as Singapore, but only provides six (6) percent of water in Metro Manila, because of pollution caused by the 348 thousand families surrounding the lake.





# REDESIGN PHILIPPINES

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- Renewable Energy Direction towards Ensuring Sustainability within Island Grids in the Nation of the Philippines.
- Plan to transition small island grids from oil-based power to renewable energy for greener, cheaper, and more reliable energy supply.
- Island grids that run on renewable energy can reduce dependence on expensive imported fossil fuel generation, and can do so without compromising the availability of power and reliability of grids.



# SAMAR INTEGRATED AREA DEVELOPMENT

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Plan to conduct a holistic program consisting of adaptation and mitigation projects, such as planting bamboos and mangroves, and installation of renewable energy facilities for Samar, with the support from the bishops, priests, and civil society.





# PEACE SITES

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- Plan to rehabilitate the Lanao Lake, Raja Buayan, and Maguindanao (specifically the Liguasan Marsh) as part of a comprehensive program on peace and order (environmental and security) within these sites.
- In partnership with the Office of the Presidential Adviser on the Peace Process.



# INDIGENOUS PEOPLES (IP) PROGRAM

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Plan to provide sustainable development of 5.7 million hectares of IP areas awarded with Certificate of Ancestral Domain Titles (CADTs), instead of them being forced to sell those CADTs to corporations and mining companies.



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