

Abstract

SESSION 3:

From Vision to Reality: Aligning the Global Agenda with Local Benefits

WORKSHOP 3.3:

Blue Economy Development: Where are we now? Where are we headed?

Environmental Investments in the Philippines for Blue Economy Development

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The paper intends to present the strategic plans and programs of the Department of Public Works and Highways (DPWH). The Department being the construction arm of the Philippine Government has the mandate to provide and manage quality infrastructure facilities and services responsive to the needs of the people in the pursuit of national development goals. In addition to its basic responsibility to manage the National Road System (NRS) and the Flood Control works within major and principal river basins, the department has been tasked to implement other infrastructure projects in convergence with other national agencies and offices.

DPWH has been directed to lead the preparation and implementation of the National Sewerage and Septage Management Program (NSSMP) through the Local Government Units (LGUs) as mandated by Republic Act 9275 also known as the Clean Water Act (CWA). This is part of the integrated framework for water quality management. DPWH also plays a very important role in the implementation of the Ecological Solid Waste Management (SWM) Act (RA 9003) which aims the state to adopt a systematic, comprehensive and ecological SWM program. Further, the DPWH is one of the government agencies to carry the Supreme Court decision through Manila Bay Mandamus (2009) to clear the shore of the bay and water tributaries from solid wastes, structures and informal settlers.

The negative impacts of all of these affect the natural flow of water that hampers implementation of flood control projects and contribute to the deterioration of water quality affecting ocean health and development of coastal communities.

There are other plans and programs that DPWH is currently implementing. Infrastructure development shall contribute in the preservation of our environment particularly marine and fresh water flora and fauna. The presentation shows different interventions that have direct and indirect impacts to coastal areas and large bodies of water like the seas and oceans.

The challenge now is how to encourage people and the private sector to cooperate and participate with the programs of government, and put more investment to such related projects in order to achieve the intended outcomes to attain rapid and sustained economic growth, with integrity of environment and responsive to climate change.



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Global Targets
Local Benefits

Setting the Sustainable Development Agenda for the Seas of East Asia beyond 2015

About Constante A. Llanes, Jr.:

Mr. Constante A. Llanes, Jr. is currently the director of Planning Service in the DPWH. The Planning Service division provides technical services relating to planning, programming and project development of infrastructure, especially the national highways, flood control and water resources development systems, and other public works in accordance with national development objectives. It manages IT-based applications in determining the right projects of the DPWH. It prepares the Department's Medium Term Development Plan and Medium-Term Public Investment Program, including the formulation of the Annual Infrastructure Budget for presentation to and approval of Congress.

Mr. Llanes graduated from Mapua Institute of Technology, with degrees in Civil Engineering and Environmental Sanitary Engineering. He also obtained a graduate Diploma in Land Use Planning, and Master of Arts in Urban and Regional Planning from the University of the Philippines, and a Diploma in Urban Transportation Planning at the Lund University in Sweden. He also underwent international training, such as: (a) Urban Management for Sustainable Urban Development, Japan, 2015; (b) Maintenance Technology on Integrated Wastewater Treatment Tanks and Systems for the Philippines in Japan, 2013; and (c) Road Development and Disaster Prevention after the Great Earthquake in Japan, 2012.