



Prospects of EU-PH Cooperation via Copernicus

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EU Delegation to the Philippines

Philippines context

- A major biodiversity hotspot
- Highly vulnerable to natural hazards and climate variability
- The Department of Science and Technology & Department of Environment and Natural Resources leading government agencies
- Strong capacities in specific areas but weak links between agencies
- Absence of a data sharing culture
- Low-bandwidth communication lines and insufficient infrastructure

EU DEL approach

IDENTIFICATION (in-house approach)

- Assessing Copernicus entry points for PH
- Complementary Earth Observation technologies in the PH
- Confirming priority areas (two national conferences, bilaterals)
- Close dialogue with Headquarters and ASEAN EU DELs
- Close follow-up dialogue with Government and identified stakeholders
- Continuous internal dialogue at EU DEL

FORMULATION (classic approach)

- Classic, formal formulation via FWC expertise
- Action Document, Comitology, Financing Agreement

National Copernicus Capacity Support Action Programme for the Philippines (CopPhil) Budget EUR 10M

OBJECTIVES

- Ensure that vulnerability reduction from disaster of population and ecosystems is an integral and central part of development in the Philippines
- Secure the integrity of the natural ecosystem as well as livelihoods deriving from it and the population against natural hazards and climate change-related threats
- The use of information derived from Copernicus Earth Observation data is strengthened and information for decision making & monitoring of policy implementation is provided timely and accurately

CopPhil Expected Outputs

- **1. Awareness** : The awareness about benefits of Earth Observation derived information is continuously improved
- **2. Infrastructure** : Sentinel data are readily accessible for all users in the Philippines (Copernicus Mirror Site)
- **3. Application** : The operational uptake of Copernicus data & information in key areas of national interest is demonstrated
 - Pilot 1: Information products for CC mitigation (REDD+ reporting)
 - Pilot 2: Vulnerability assessment for DRR/CC adaptation at provincial level
 - Pilot 3: Marine Spatial Planning support to removal and management of plastic waste
- **4. Skills development** : EO/Geo-Information skills and knowledge are strengthened through expertise exchange and relevant academic programs ERASMUS+

Future prospects (Team Europe)

- EU DEL Philippines, two TEIs, one on Green Recovery/Circular Economy and one on Enhanced Digital Connectivity
- On DC possible cooperation with Géant to support enhanced Philippines' links to Europe Copernicus core sites via the Trans-Eurasia Information Network (TEIN)
- Copernicus national Mirror Site to eventually be scaled up to a regional ASEAN regional Mirror site
- Proposing a fractal-type architecture with the bulk/raw data in one place radiating to several mirror sites and from these to even more dedicated centres (e.g. forest fire centres, earthquake monitoring centres etc...) eventually connected to emergency response centres in various ASEAN countries



Thank you

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