

## Project/Program Summary

**1. Project Name :** Environment and Natural Resources Information System (ENRIS) for Palawan towards Food Security and Water Quality Improvement

**2. Project Period & Budget :** 36 Months / 8.80 million USD(KOICA)

**3. Counter-Part :** Palawan Council for Sustainable Development

**4. Target/Project Area :** Palawan (14,900 sq.km)



### 5. Project details

#### i. Objectives

To establish a web-based Environment and Natural Resources Information System (ENRIS) that will contribute to efficient land-use, enhanced ecosystem condition and services, water and food security, and climate change adaptability aligned with the Environmentally Critical Areas Network (ECAN) Management Program. The specific objectives are as follows:

- To systematize land resources data and information;
- To retrieve existing analog data and build an up-to-date database; and
- To integrate all data on biophysical, social, and land-uses as the basis for a decision support system for the following:
  - Rational land-use planning and development
  - Land productivity
  - Natural resources management
  - Development of regulatory policies

#### ii. Outcome

- Data accessibility improved and knowledge and awareness enhanced
- Environment and Agroecosystem governance improved
- Environment and Agroecosystem information management, analysis technology, and application of information technology related to land-use management, water and food security, and climate change adaptation enhanced
- Palawan eco-region's environment, water security and productivity through the realization of advanced scientific decision support improved

#### iii. Outputs

- Informatization Master Plan
- Environment and Agroecosystem Database
- On-site and Geographic Information System (GIS) based soil, water and micro-climate monitoring stations
- Web-based Environment and Natural Resources Information System, may include thematic maps and overlays: ECAN map, Land Use map, Protected Areas (PA), Marine Protected Areas (MPAs), Certificate of Ancestral Domain Certificate (CADC), Certificate of Ancestral Domain Titles (CADT), Forest Land Use Agreement (FLAg), Hazard maps, Network of Protected Areas for Agriculture and Agro-Industrial Development (NPAAAD), and Strategic Agriculture and Fisheries Development Zone (SAFDZ)
- Equipment and capacity building for sustainable project operation
- Memorandum of Agreement (MoA) on data sharing mechanism with DOST PAG-ASA and NAMRIA (1) on populating information databases; and (2) access and sharing of ENRIS data requirement
- Knowledge product on project technology/innovations

**Figure 1. Project Location Map, Potential Target Catchments**

