



CORAL TRIANGLE INITIATIVE

ON CORAL REEFS, FISHERIES AND FOOD SECURITY



Workshop on Catch Documentation and Traceability (CDT) System Design and Development based on Ecosystem Approach to Management of Fisheries (EAFM)
25-26 June 2019 / Dili, Timor Leste

PAPUA NEW GUINEA

Presented by **Maristella Paia**

Supported by:



□ OUTLINED



- INTRODUCTION
- PROVINCIAL CDT SYSTEM DESIGN AND DEVELOPMENT BASED ON EAFM
- NATIONAL CDT SYSTEM DESIGN AND DEVELOPMENT BASED ON EAFM
- ? MANAGEMENT
- eCDT MANAGEMENT APPLICATION SYSTEM

■ Introduction



- EAFM practices was introduced in Papua New Guinea by the authorities concern and the Non-Governmental Organizations funded by aid donors from overseas , for marine conservation related initiatives
- Concern was to make tough management rules or regulated system by enforcing control measures to limit the rate of exploitation.
- Initiatives of CTI programs into the 14 maritime provinces of Papua New Guinea is also in line with the EAFM practices.

- Marine conservation related Initiatives has in place
 - ✓ Local Marine Management Areas net work in progress
 - ✓ Mahonia Na Dari Marine Education Program
 - ✓ The Nature Conservancy MPA Programs
 - ✓ Leave & Learn Environmental Programs
 - ✓ ADB RETA ON CTI



PROVINCIAL CDT SYSTEM DESIGN AND DEVELOPMENT BASED ON EAFM



- In West New Britain, Current practise of Fishery and Marine Resource CDT system management designed to sustain resource management projects to generate income:
 - Sea Cucumber in its live form
 - Trepang or Bech-de-mer (BDM) dried product
 - Pislama in live and dried form in (Tok Pidzin)



Main Type of small scale Fishery



- ❑ **Small scale and Traditional low cost fishing inside the 3-6 nautical mile from the shoreline or reef edge. Now extending to 6-12 Nautical miles.**

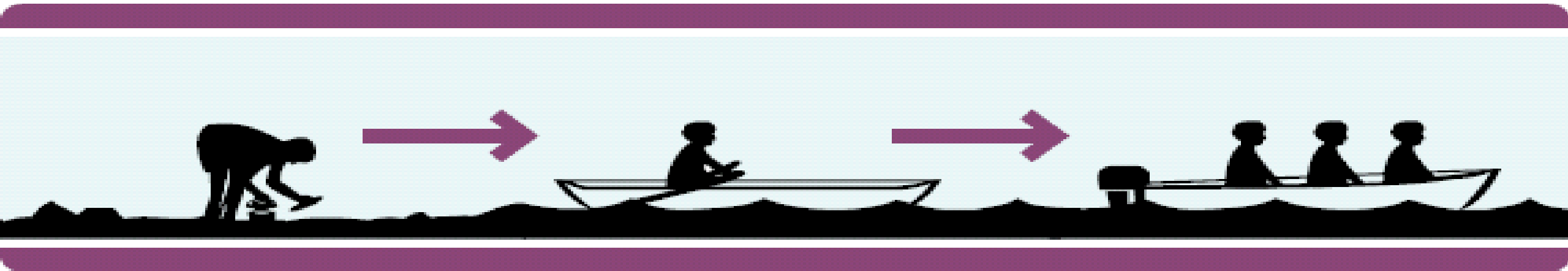
- **Subsistence Fishery;**
A Fishery in which the catches are shared and consumed directly by the families of the fishers and community members rather than being bought by sellers in the next larger market.

- **Artisanal Fishery;**
A small-scale, traditional and low cost fishery in which relatively small vessels (if any) take catches, often consisting of a great variety of different species that are sold and consumed locally.

Fishing methods

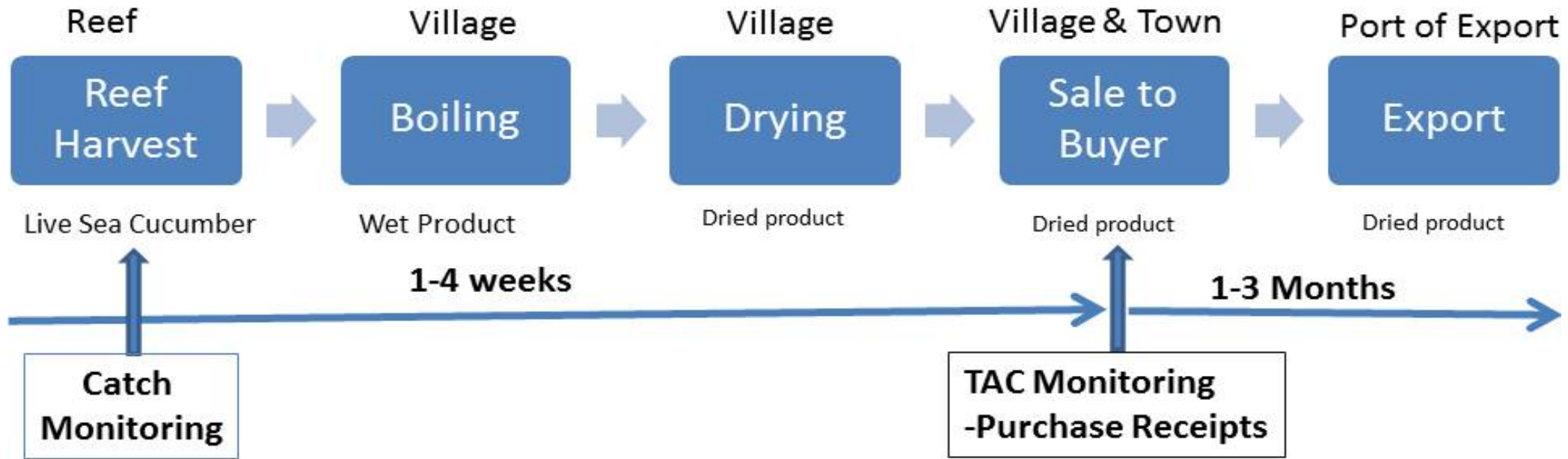


- Harvesting of sea cucumbers is permitted by hand using free diving methods only.
- The use of hookah, Self Contained Underwater Breathing Apparatus (SCUBA) night diving and underwater lights or surface lights is prohibited

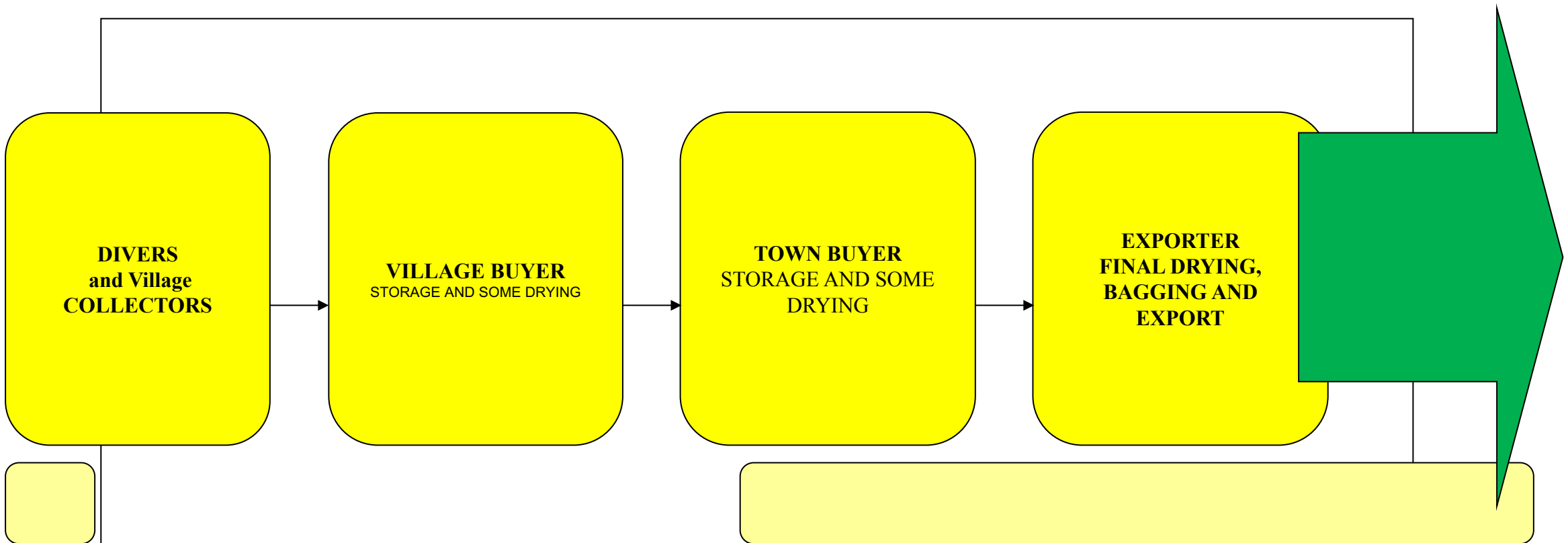


Changes in fishery methods





Beche-de-mer value Chain



DATA MANAGEMENT



- Data Entry will Be done on a Daily Basis
- Data Entry at the Provinces
- Data Summary in the Provinces and NFA
- Data Management being sorted out In the interim use of Excell
- Laptops/ Later use Tablets (ordered already)

DATA FORMS



**Schedule 2 of Plan – Buyers Daily Purchase
Record - Compulsory**

**Catch and Effort Forms – Limited Provinces &
Sizes**

Size Monitoring – Fishers & Buyers

**Schedule 5 of Plan- Export Declaration Forms
-Compulsory**

- NATIONAL CDT SYSTEM DESIGN AND DEVELOPMENT BASED ON ECOSYSTEM APPROACH MANAGEMENT OF FISHERIES



- Applies to the
 - ✓ National Tuna Fishery
 - Other Fishery that contributes to the Nations income generating
 - National Bech –de-mer (Sea Cucumber) Fishery
 - National Baramundi Fishery
 - Torres Strait and Western Province Tropical Lobster Fishery
 - Trail Fishing Policy and other domestic fishery resources (Live reef food fish Scad mackerel, prawns, fishponds
 - National Inshore Fish Aggregating Device (IFAD)



**BECHE-DE-MER
LOBSTER
TROCHUS
CRABS
are**

SOME EXPORT BASE ARTISINAL FISHERY

■ ?... MANAGEMENT

- For long term economic benefits of coastal and island communities through out PNG
- Stock is biologically sustainable and their population is maintained at required levels that will allow them to continued play their role in the ecosystem
- To ensure co-operative implementation of management plan and associated governance involves then support and input from relevant government industry, resource owner, communities other civil society actors and research institutions



■ eCDT MANAGEMENT APPLICATION



□ PNG National Fisheries Authority Catch Documentation and Certification Unit applies to;

1. CATCH MONITORING

■ Vessel Inspection

- Inward/outward clearance
- Pre-verification/Verification for legality

■ Transshipment

- Catch Monitoring and data collection in PNG Port(s) and or foreign port
- Afterhours Verification and data collection
- Reconciliation

PNG NFA Catch Documentation and Certification Unit Key functions continues



- Withdrawals
 - Verification of withdrawals for processing and local sales
 - Monitoring of withdrawals for whole round exports

PNG NFA Catch Documentation and Certification Unit Key functions continues

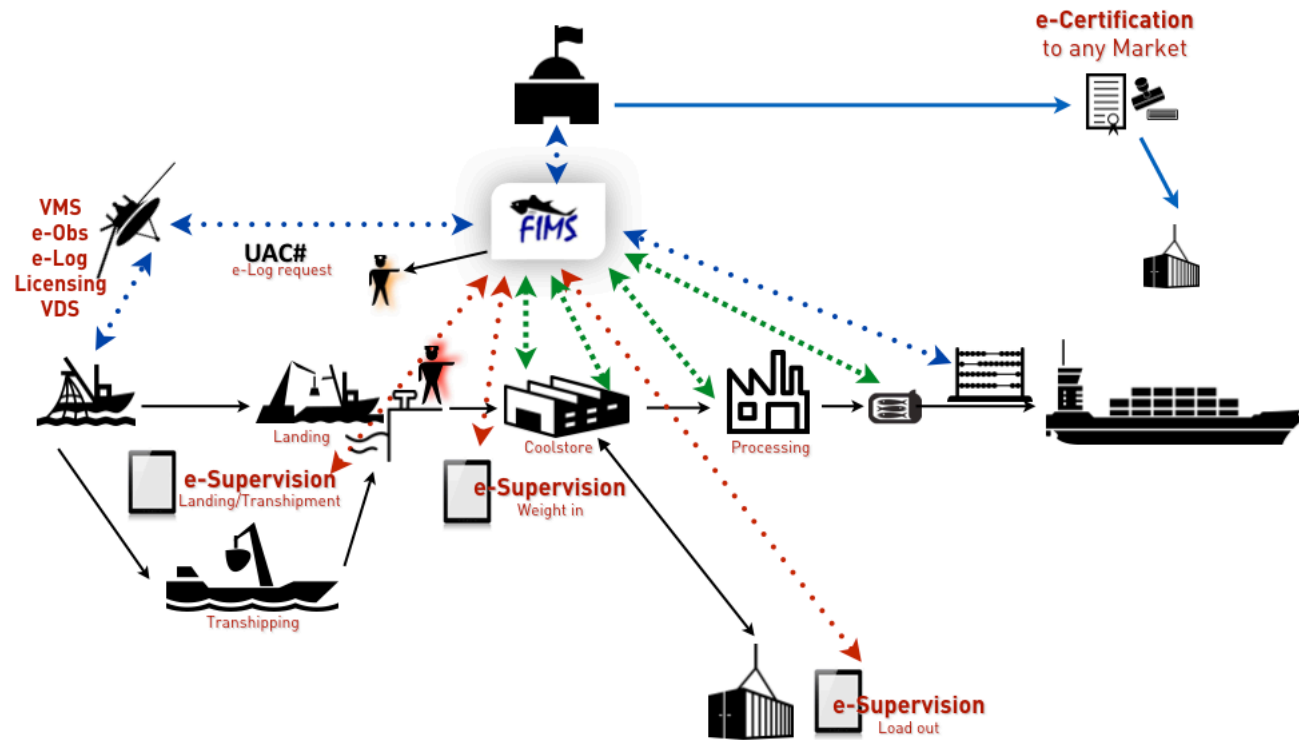
2 . CATCH CERTIFICATION

- Validation of catch certificates provides official guarantee to EU and other flag state that the fish and fishery products were caught legally
- Validation of
 - PNG EU Catch certificate (Article 12)
 - Foreign flag Process statements (Article 14(2))
 - Foreign flag Non Processes Statements for whole round Export (Article 14(1)) – *proudly PNG made*
- Fish Accountancy/Mass Balance

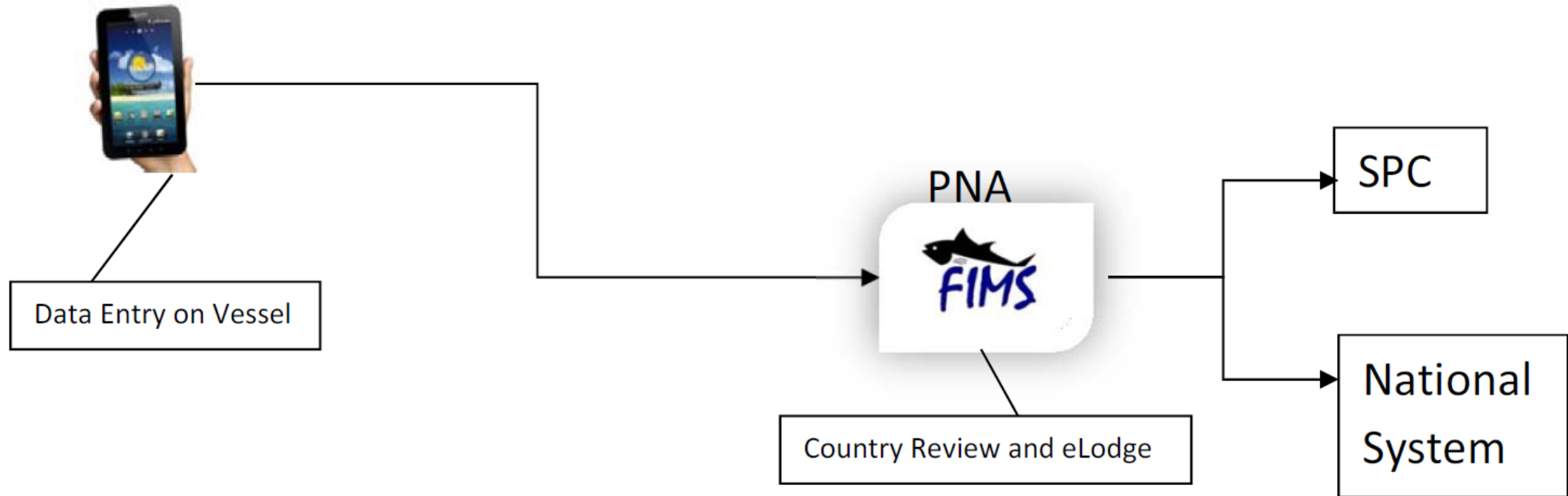
ECDS SYSTEM



How does the eCDS work?

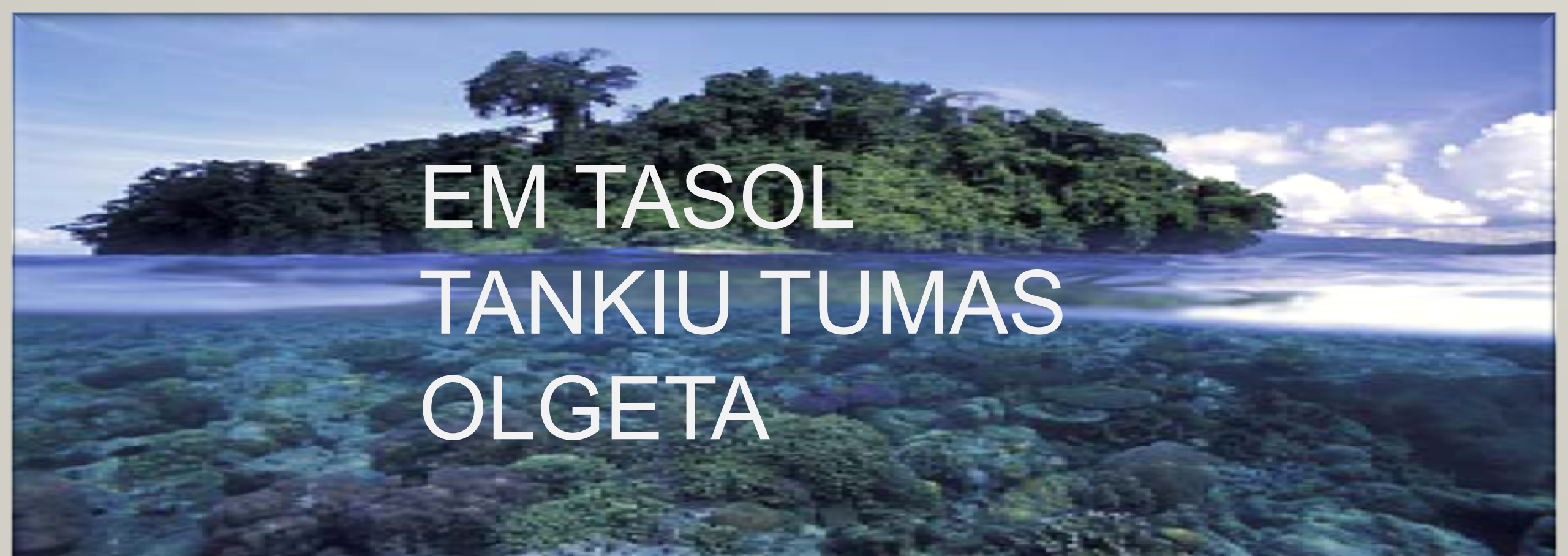


FIMS Systems





**TERIMA KASIH - MARAMING SALAMAT TANK IU- OBRIGADO
TAGIO TUMAS**



EM TASOL
TANKIU TUMAS
OLGETA