Launch of the GEF Pacific Ridge to Reef Programme
Website and related decision-support tools

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**Theory of Change**

**Decision-Support Tools**

**Data**
- [Stress Reduction and Processes]
- [IDA + RAPCA = governance, socio economic and science indicators]

**Information**
- Analysis, Synthesis to create information, Communication

**Knowledge**
- R2R Conceptual Framework and spatial prioritization procedures
- [State of the Coast, Strategic Action Framework]
- Harmonization of governance frameworks - policy and legislation

**Decision Making**
- Awareness materials,
- Publications (manuals, plsns, policy briefs, legislative reviews)
- Alignment with National Development Targets
- SDG
- AICHI (Paris, Sendai etc)

**Sustainable management of natural resources**
- Maintain and enhance Pacific Island countries' ecosystem goods and services (provisioning, regulating, supporting and cultural) through integrated approaches to land, water, forest, biodiversity and coastal resource management that contribute to poverty reduction, sustainable livelihoods and climate resilience.
Phase 1
- soft launch on World Water Day on March 22.
- Pacific R2R website results (Aug 30, 2020):
  - 3,304 users (target 100). Exceeded 100-user target,
  - 25,584 page views,
  - Bounce rate: 25% (26% - 40% rates excellent)
  - 2279 downloads
  - 167 countries visited
  - Most visited page:
    - Resource library
    - News
    - Project pages
    - Capacity development
    - Science portal

Phase 2
- Science Portal and the Pacific State of the Coast (SoC) system and database launch
- Pacific R2R Science Database Training for PMs 2 October
- Follow-up country specific training for in-country GIS specialists
- Online regional and national portals developed
- Roster of national and regional experts and practitioners developed and deployed
- A virtual Content Management System training September 15-16 for STAR and IW projects to update, maintain and enhance the content of their respective online project pages.
- Launch of the first Pacific R2R Programme newsletter.

Challenges:
- PMIS development delay due to implementation issues.
- Related WP.03 Status on implementing MTR Recommendations and Management Responses
Phase 2 work, includes:

- Science Portal and the Pacific State of the Coast (SoC) system and database launch
- Pacific R2R Science Database Training for PMs 2 October
- Follow-up country specific training for in-country GIS specialists
- Online regional and national portals developed
- Roster of national and regional experts and practitioners developed and deployed
- Repository for best practice, lessons learned, and other programme outputs developed
- A virtual Content Management System training September 15-16 for STAR and IW projects to update, maintain and enhance the content of their respective online project pages.
- Launch of the first Pacific R2R Programme newsletter.

Phase 2 Challenges:
- PMIS development delay due to implementation issues.
- Related WP.03 Status on implementing MTR Recommendations and Management Responses
State of Coast Platform

* Spatial Data Infrastructure

for the

GEF Pacific Ridge to Reef Programme

http://r2r.spc.int
Key Features

- Spatial Data **Sharing**
  (between users, groups, public)
- Related **Documents**, Reports and Assets
  (non-spatial)
- Spatial Data **Visualisation** and Querying
- **OGC Metadata** Compliance

- **Data Catalogue** by Thematic Area, Country
- **Time Series Data**, **Temporal** Spatial Layers
- **DataSheet Register** by **Indicators**, Site
- **Interoperable**
  (with regional and international data platforms)
- **Open Source** (can be deployed at national project-level with minimal costs)
Mapping and Visualisation
Examples of Data and Functionality

Avifauna, Biological Habitats, Fisheries, Socio-Economic, Terrestrial, Water Quality, Global Baseline Data (Coral Reefs, Population Grids, Bathymetric, Seagrass, Mangroves, Land Cover, Watersheds, Rainfall, Soils)
Register for Environmental Data

Enables management and analysis of non-spatial environmental, socio-economic, habitat, natural resources and other data sets collated by Pacific Ridge to Reef Programme and STAR IW Projects in a standardised manner.
From data to decision-making

The R2R framework and infrastructure supports Pacific Island countries to:

- Identify priority conservation areas on land that will have the greatest impact on marine conservation;
- Test proposed terrestrial and marine protection and restoration policy actions and model their effects on marine resources;
- Development of a decision support tool to identify synergies and trade-offs in habitat conservation across terrestrial and marine ecosystems at an archipelagic scale.
Pacific Islands Ridge to Reef National Priorities – Integrated water, land, forest and coastal management to preserve biodiversity, ecosystem services, store carbon, improve climate resilience and sustain livelihoods

VINAKA VAKALEVU
THANK YOU VERY MUCH