



Caribbean Telecommunications Union

Shaping Caribbean ICT Development

2nd SMALL ISLAND DEVELOPING STATES (SIDS) INTERNET GOVERNANCE FORUM (PART ONE)

Leveraging Digital Solutions for Environmental Sustainability

THE MAIN PREREQUISITE AND EXAMPLES OF APPLICATION

SSOCIATED TELEGRAPH COMPANIES' CABLE SYSTEM. "Via





Digital – in every aspects of life, whether economic, social or environmental

- Information tracked in close to real time
 - "Now" is not an hour, perhaps not even 1 second ago.
- Lots of information to transmit, and process
 - From text or voice to video
 - Cloud computing
- Future?

IT on level with global standards a must

SIDS: small internal & remote markets

- The link costs to Rest of The World a much bigger issue per end-user
- Int'l. traffic is controlled by a handful of companies
- Government grip over international gateways?
- Uptake of mobile services many times faster
- WiFi and WiMax deployment strengthening and follow in the footsteps of wireless voice networks
- Fixed-line network infrastructure?
- PC penetration?
- Most native languages have no web presence
- Lag in human development indicators
 - Poverty, illiteracy, enrollment rates
 - Concentration of wealth (small addressable broadband market)

In short - SIDS should do more than just have Internet



Competition – Price closer to cost, service we like, innovation making us globally competitive



Reliability – Redundancy, alternative routes



Capacity – Basic Speed, Latency, Service Level





Regional collaboration for costs reduction

• Democratisation of access to International broadband

OPEN-ACCESS

• A non-discriminatory approche enabling all operateurs easy access to International broadband.

A specific governance model adapted to the needs

• A model to guaranty the application of the project principles

Regional connectivity improved

• Facilitating and promoting intra-regional linkages.

Cost reduction for national backbone

• Integration of option for reduced cost for Mauritius-Rodrigues link









METISS cable laying ship









• METISS Cable linking to landing station





METISS cable – landing stattion



Leveraging Digital Solutions for Environmental Sustainability

APPLICATIONS

WHY THE WIO IS INTERESTED IN MARITIME SECURITY?

BLUE ECONOMY

New frontier for sustainable development especially for SIDS

ADDRESSING TRANSNATIONAL CRIMES

(IUU, Traffic of drugs, arms, human, ressources, Terrorism) National economy / Social development / National and Regional stability

MARITIME SECURITY A PREREQUISITE

To attain sustainable development



WESTERN INDIAN OCEAN MARITIME SECURITY ARCHITECTURE

Article 1 para.9 of MASE REGIONAL AGREEMENTS



REGIONAL MECHANISM OF SURVEILLANCE AND CONTROL OF THE WIO



A region rich in marine resources



OIL & GAS



HALIEUTICS RESOURCES



MARINE BIODIVERSITY

Maritime INCIDENTS

Yearly events as per the RMIFC since 2017



- 1. The numbers are just the tip of the iceberg
- 2. Tendency look at national level figures, but even then
- 3. TRAFIC INCREASES AND RISKS INCREASE

MARITIME SECURITY EVENTS



POLMAR RISKS: Increasing with time



WILD LIFE SMUGLING



WILD LIFE SMUGLING



A BURNING PLATFORM UNDER OBSERVATION





- Curious creatures such as pygmy blue whales breed in the area
- the deep waters surrounding the bank are rich in nutrients.
- The Saya de Malha Bank is known for supporting the world's largest seagrass meadow
- Worldwide, they are critical feeding and breeding grounds to a wealth of wildlife like tiger sharks.

AN AREA OF APPROXIMATELY 400,000 SQUARE KMS LOCATED NEAR THE NORTH EAST OF MAURITIUS AND SOUTH EAST OF THE SEYCHELLES

Navi RAMGOLAM - Deputy Director & ILO Mauritius

VESSELS OF INTEREST-THEIR CLASSIFICATION

- STATELESS VESSELS
- WRONG OR ERRATIC MMSI NUMBERS
- SWINTCHING ON/OFF OF AIS REGULARLY FOR PARTICULAR MOVEMENTS
 IN/OUT OF EEZ
- AIS SPOOFING
- GHOST SHIPS (ACTIVITIES BEFORE SCRAP)
- NO CALL SIGN
- NO IMO NUMBER
- NO DESTINATION
- NO REGISTRATION
- NO LISENCE FROM IOTC/SIOFA
- DEVIATION OF CARGO SHIPS/BULK CARRIERS FROM NORMAL ROUTE
- SUSPICIOUS RENDEZ-VOUS (CARGO SHIP/FISHING VESSELS)
- UNEXPLAINED ANCHORAGE OF TANKERS FOR SEVERAL DAYS
- NO ANSWER FROM SHIP AGENTS/OWNER

ABOVE 70 VOIs SINCE THE BEGINNING OF 2021





Leveraging Digital Governance for Resilient Prosperity in SIDS

THE MAIN PREREQUISITE & EXAMPLES OF APPLICATIONS

THANK YOU FOR YOUR ATTENTION