

SMART ISLANDS

VANUATU



CONTEXT: COUNTRY

- o population of nearly **300,019 people** spread over an archipelago of more than 60 islands
- o more than **77%** of the population is **rural** (one of the least urbanized countries in the region)
- around 60% of workers are employed in agriculture, forestry or fishing
- less than 62% of the population have access to stable supply of electricity through supply of solar power (below regional average of 85.5%)
- Only 33.5% of population used the Internet in Jan 2021



CONTEXT: COUNTRY

Vanuatu Digital Government Master Plan Framework

Objectives

Provide support to the Government of Vanuatu to assist in the development of a digital government masterplan framework

Key Deliverables

Digital Government Masterplan Framework

Project Stakeholders Contextualized and Practical Roadmap according to Vanuatu's priorities

Vanuatu Government and related ministries, departments, and agencies

Expected Benefits

- Provide strategic foundation for development of digital government in Vanuatu
- Generate stakeholder consensus on Vanuatu Digital Government activities
- Practical link with priority projects for implementation (Smart Islands, etc.)

Approach for MP Framework



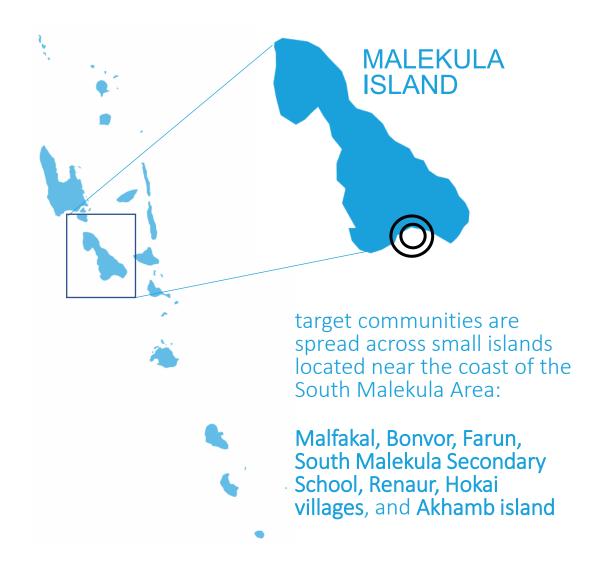
CONTEXT: ACKNOWLEDGEMENT

- O Australian Government through DITRDC
- O United Nations Capital Development Fund
- O International Telecommunication Union (ITU) and other UN Agencies
- O Asian Development Bank (ADB)
- Other Development Partners



https://ecdpm.org/great-insights/civil-society-business-same-direction/partnerships-sustainable-development-monitoring-evaluation-challenge/

CONTEXT: TARGET VILLAGES



2,000 people

30 small-scale businesses

5 primary and 1 secondary and 1 technical school

60% of households receive income from selling kava to Port Vila

20% of households receive income from selling fish around the area

20% of households run small business primarily serving local population

NEEDS ASSESSMENT: FINDINGS



high expenditures incurred when accessing public services (e.g. banking) due to costly transport



limited access to electricity and off grid power solutions



unreliable and poor quality of communication services



lack of skills and capacity to market and promote their products



low digital literacy and poor awareness of digital services



Malfakal village workshop 9 Dec. 2020



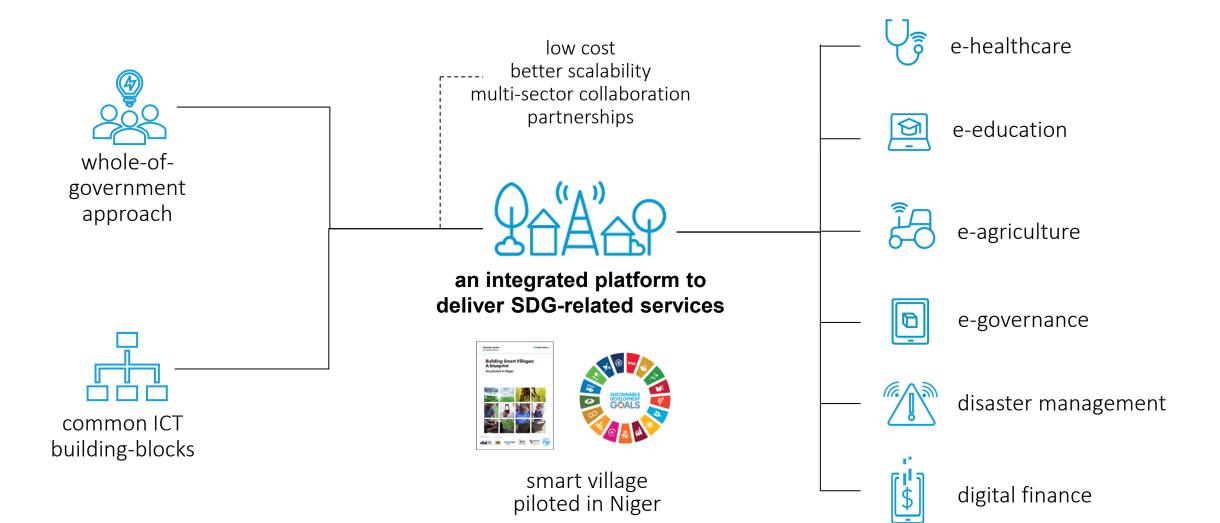
Hokai village workshop 7 Dec. 2020

"If there was a means to market our fishing products and services, we would be fulfilling our dreams that we have longed for many years"

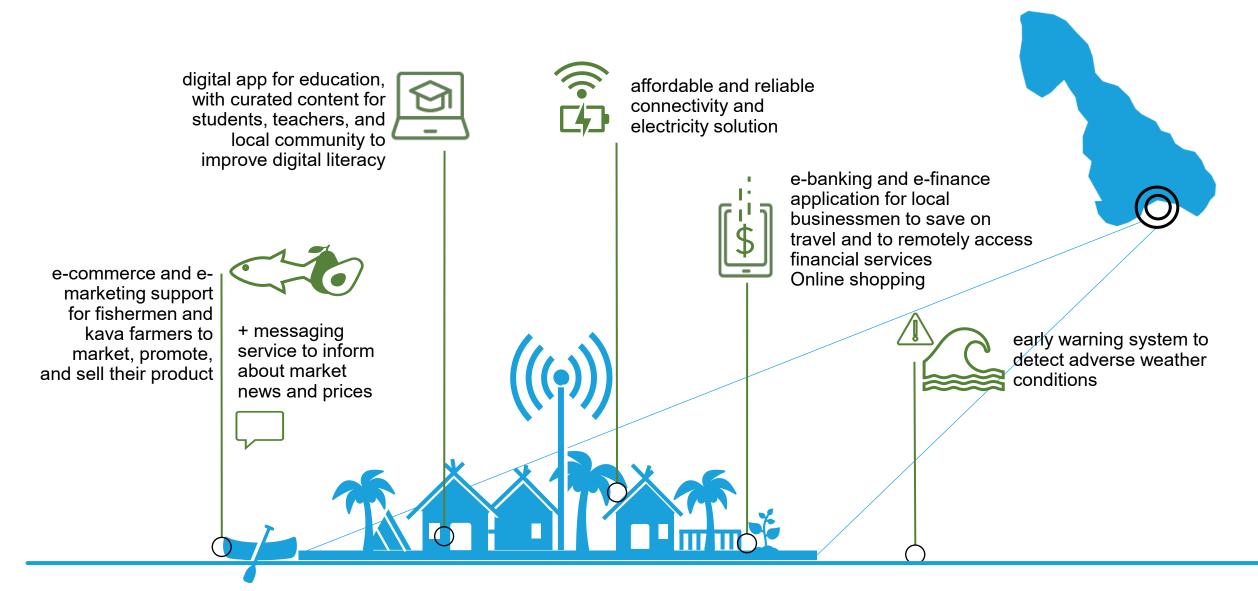
Elder Fred Markandre (Chair of the Fisherman's Association)



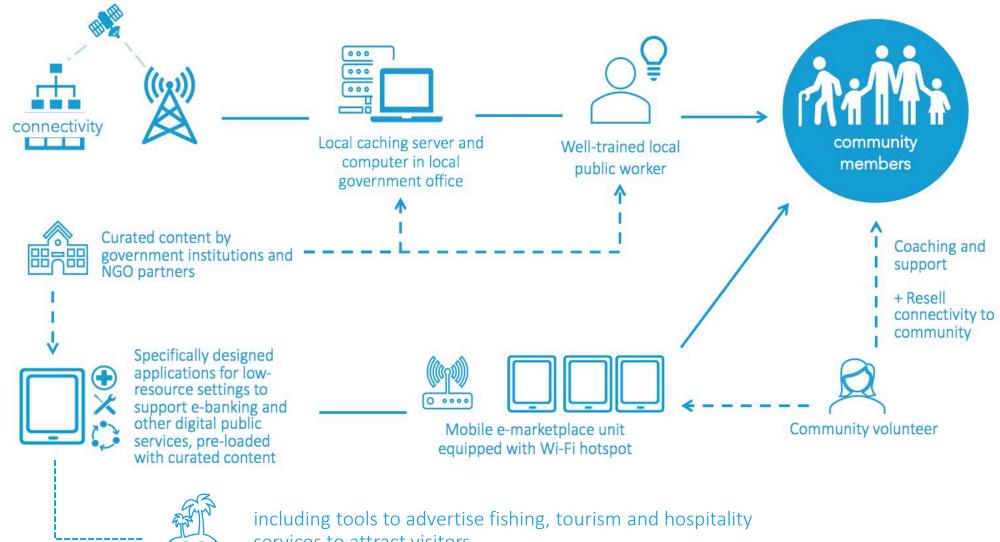
SMART ISLANDS: NEW APPROACH



SMART ISLANDS: A NEW APPROACH



POTENTIAL DESIGN



services to attract visitors

ALIGNED WITH VANUATU 2030 AND ONGOING WORK ON DIGITAL GOVERNMENT PLAN



SOCIETY PILLAR

Vibrant cultural identity

SOC Quality
Education

SOC Quality
Health
Care

Social
4 Inclusion

5 Security,
Peace and
Justice

SOC Strong and
Effective
Institutions

ENVIRONMENT PILLAR

food and Nutrition Security

ENV Blue-Green
Conomic Growth

Climate and Disaster Resilience

ENV

Natural Resource Management

ENV Ecosystems and Biodiversity

ECONOMY PILLAR

fco Stable and Equitable Growth

Improve Infrastructure

Strengthen
Rural
Communities

Create jobs and business opportunities

Building a sustainable and prosperous nation

Reduced inequality, improved well being and access to better jobs through digital services

Education, health, government, e-commerce services through common digital platform

Enhanced sustainability and cross-sectoral partnerships by adopting SDG linked whole of government approach



Co-creation and scaling up of SMEs and businesses by providing a platform to innovate



SMART ISLANDS: IMPLEMENTATION

Step 1: Program development and island needs assessment

SDGs and National Goals

Current state analysis

Future state analysis



Program development and project identification

Step 2: Program roll out, projects development, governance set up, stakeholder engagement and pilot services

Stakeholder engagement and governance

Awareness raising and skills

Project (s) approva

Launch of priority pilot services (multiple sector)

1

Community demand, governance model in place, pilot services, projects implementation

Step 3: Islands level scale out (with possibility of new islands)

Investments and service portfolio increase

Launch of new services

Community and government ownership

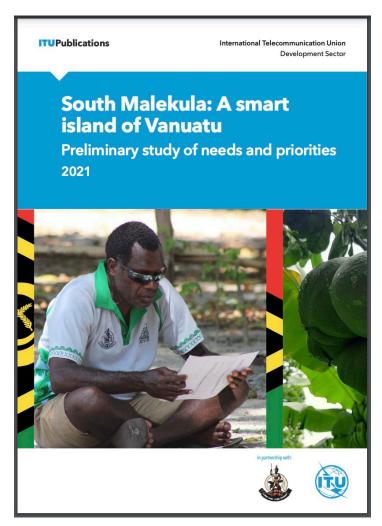


Portfolio of digital services in the Islands with local ownership

Partnerships are key to its implementation......

Evaluation

SMART ISLANDS: IMPLEMENTATION

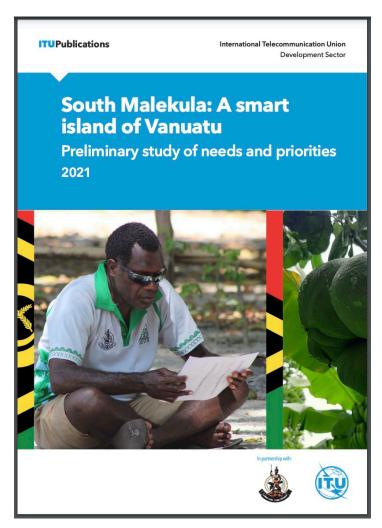


South Malekula Stakeholders



https://www.itu.int/en/ITU-D/ICT-Applications/Documents/Smart%20Islands/Sma Island VUT S-Malekula.pdf

SMART ISLANDS: IMPLEMENTATION



Preliminary Recommendations

- Institutional Setup
 - Improve Coverage and Quality of connectivity
 - Integration with Digital Government Master Plan Framework
 - Digital Skills Development
 - **Priority Digital Services**
 - Improvements to Power Supply using Reliable Energy Power
 - Further Engagement with Academia

https://www.itu.int/en/ITU-D/ICT-Applications/Documents/Smart%20Islands/Smart-Island VUT S-Malekula.pdf

THANK YOU

