

K&C Phase 3

Methodology Development for MRV and Reference Emission Level for REDD+ in Vanuatu

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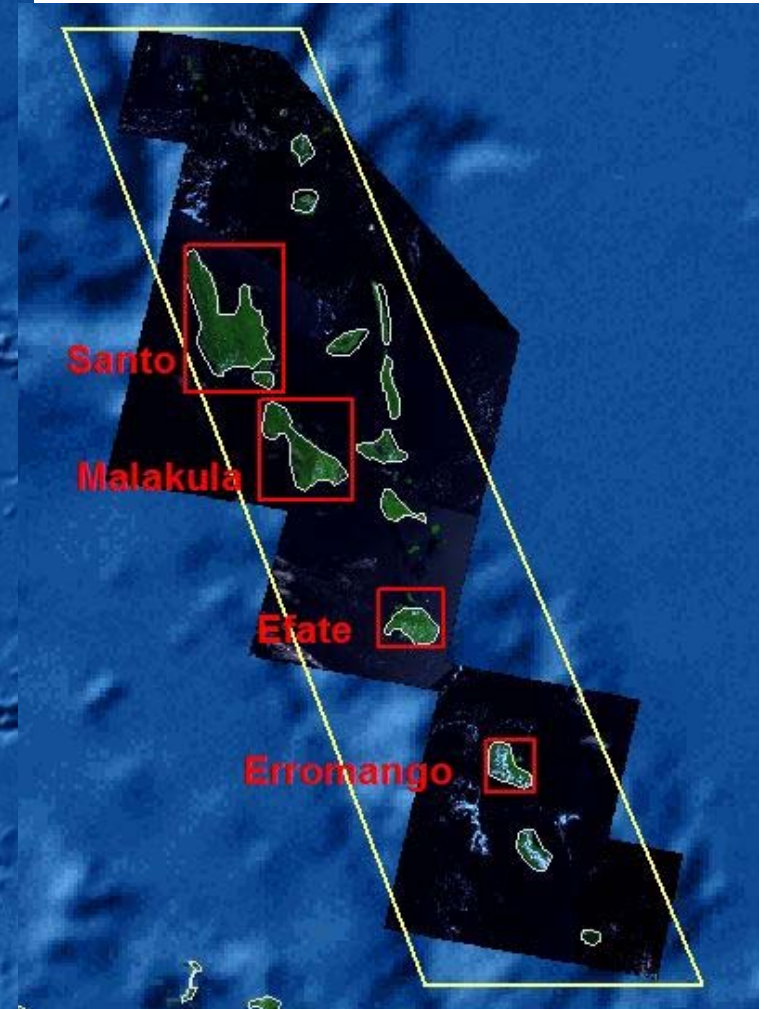
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Islands of Vanuatu

Located approx. 2,200 km east of Australia Vanuatu consists of 83 islands. The country has ratified the UNFCCC and the CBD. It is committed to regional coordination on climate change mitigation under the lead of the Secretariat of the Pacific Community (SPC).

The program is focusing on 4 pilot islands:
Santo, Malakula, Efate, and Erromango



Project objectives

- 1: Create a joint, coherent Regional REDD+ policy framework for implementation of REDD+
- 2: Establish a REDD+ Information and support platform to strengthen the implementation of REDD+ in the PIC
- 3: Implement REDD+ components in 4 islands leading to a complete REDD+ readiness

Support to JAXA's global forest mapping effort

1. Sharing of in-situ data from forest inventories and other field activities from REDD+ sites
2. Validation of JAXA forest/non-forest cover maps and land use/land cover change maps over the identified pilot areas
3. Input to development of algorithms for forest classification, carbon stock assessment, and forest stratification

Project milestones and schedule for Vanuatu

Milestones	Responsible	Due
MRV, GHG inventory and REL Design developed and approved	National Advisory Committee on Climate Change (NACCC)	April 2012
Readiness Preparation Proposal (R-PP) Vanuatu submitted	DNA, NACCC	October 2012
GHG AFOLU inventory on 1 pilot island (Santo) tested	GIZ	Dec 2012
GHG AFOLU inventory on 3 additional pilot islands implemented	Department of Forestry (DoF), GIZ	June 2014
ALOS Palsar 25m mosaic data processed for 4 pilot islands	Applied Geoscience and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC)	Dec 2012
Carbon density and forest boundary maps for 1 st pilot island processed	SOPAC - SPC	Dec 2012
Carbon density and forest boundary maps for 1st pilot island validated	SOPAC - SPC	March 2013
National MRV systems and REL established for 4 islands	NACCC	Dec 2013

Deliverables

The project envisions the following results for Vanuatu:

- Forest cover based on an approved national forest definition
- Carbon density map for 5 generic forest strata (medium height forest [open/closed], low forest [open/closed], mangroves)
- Validated forest cover map using very high resolution imageries
- Validation report
- GHG AFOLU Inventory report

A banner at the top of the slide features satellite imagery of a river delta system in shades of green, blue, and purple. The word "ALOS" is written in white, serif font on the left side of the banner.

ALOS

K&C Initiative
An international science collaboration led by JAXA

MARAMING SALAMAT

(Thank you very much)