K&C Phase 3

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

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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

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

(Thank you very much)