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| --- | --- | --- |
|  | **PROJECT PROFILE FORM***[Please keep responses brief and limit each to 200 words]* | NAB Project № *[completed by NAB]* |
| GIP code/Project №*[obtain from DSPPAC]* |
| Cost Centre/Activity №*[obtain from Dept.]* |
| Donor/DSPPAC file № *[obtain from DSPPAC]* |

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| --- |
| 1. **Project title: Green Port and Renewable Energy Centre – Forari Bay**
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| 1. **Project description:** *[Brief description of project, key activities and outputs, how will it be implemented?]*

A new blue green economic opportunity for North Efate is now ready for development in the Forari Bay area. The Forari Bay Development Company’s vision to create a multi-purpose North Efate development to serve as a second major peri-urban hub for Efate.**Key Activities:**The development will provide:* New domestic green port for Efate to serve as main inter-island shipping hub (powered by Renewable Energy)
* New domestic green fleet (renewable energy powered domestic fleet of 12 ships)
* New green slipway to service full domestic fleet and international vessels needing repair and maintenance while in Vanuatu waters (powered by Renewable Energy)
* Trade centre for productive sector products from Provinces (raw and value-added) for domestic and international trade
* Manufacturing centre for renewable energy products (e-vehicles, renewable energy products)
* Agriculture/Horticulture high production high demand products

**Outputs:****(READINESS) Complete Master Plan, Government Approvals, Site Establishment. (USD 1m)****A totally green port, infrastructure system and transport and regional waste management facility. (USD 30.0m)** **Slipway to Improve the safety of vessels and passengers within Vanuatu waters. (USD 3.2m)****Food and niche Vanuatu horticulture products milled, processed and exported** **(USD 4.2m)****A vibrant climate resilient trading green port (USD 35.4m)** **A sustainable fishery (USD 10.0m)****Total overall Project Costs Estimated to be USD 250 million****Implementation:**Construction Process GenerallyManaged by Forari Bay Development Company appointed Project Manager, Quantity Surveyor, Financial Controller and Programme Manager with assistance from Specialist Design Consultants as required.Preliminary ConceptThe concept development will be as follows:* Determine Scope of Work and sequencing required for the benefit of the project thru discussions with user groups, government departments, investors together with other interest groups & stake holders.
* Confirm suitability of activity for Forari Bay project master plan.
* Confirm activity is feasibility and demand will be sufficient to ensure the activity is sustainable, worthwhile and a benefit to the community.
* Obtain Government Departments for Approvals.
* Prepare conceptual design of building structures, establish estimate of construction costs estimate to test feasibility of business model.
* Confirm interest with Funders, Investors and end users, sign-up commitments where appropriate.
* Prepare Sub-Lease documentation for the specific site locations.
* Proceed with developed design work and documentation, determine appropriate engineering design systems and cost comparison of build options.
* Engage with selected Construction Specialists to review of design and construction options to ensure the most appropriate solution to the complex engineering challenges are adopted.
* Peer review of engineering design solutions
* Monitor developed design progress to confirm construction cost estimates.
* Complete project design documentation and working drawings.
* Re-Confirm Funding and Budgets

Implementation will be conducted as follows:* Call for Tenders fromselected reliable experienced construction companies, subcontractors and suppliers who have a good record of work in the region.
* Tenders to be based on ability to deliver with guaranteed price and completion date.
* Design & Build Tender Option will be a preference for some of the elements.
* Strong Professional Management by Forari Bay Development Company thru the construction process.
* Monthly Project Control Group (PCG) meetings and reports to Funders and Stake Holders.
* Strict Performance & Budget monitoring.

Project Completion and hand-over….on time and within budget |
| 1. **Approval sought:** [ ] Identification\*[x]  Concept [x]  Funding Proposal

 *\*For identification of project, use first page only* [ ]  Continuation of existing project |
| 1. **Funding envelope:** *[e.g. GCF Readiness, GCF Project Preparatory Facility, GCF/GEF project, other]*

**GCF Readiness Project**  |
| 1. **Total funding (Vatu and USD):**

**USD $1,000,000** | 1. **Access modality:** *[i.e. direct by using the Government’s financial system, international by using an external financial system, or a combination?]*

**Access through the Governments financial system** |
| 1. **Implementing entity/organisation:** *[the name of the national, regional or multilateral institution that is receiving direct financial transfers to carry out the project. An implementing entity may also carry out the functions of an executing entity.]*

**Forari Bay Development Company**  | 1. **Executing entity/lead government agency:** *[the name of the entity, e.g. Ministry / Department / Agency / NGO, through which funds are channelled or used for the purposes of an activity or part thereof, and/or any entity that executes, carries out or implements a funded activity, or any part thereof.*

**The Forari Bay Development Company** |
| 1. **Other government / partner agencies**
 | 1. **Project contact details:** *[Contact person, title, organisation, email, telephone, address]*

**Jim Young CEO and Managing Director –** Forari Bay Development Company jim.young@foraribay.com +678 5569556Peter Stokes V/CEO and Managing Director Forari Bay Development Company peter.stokes@foraribay.com +678 5191810 |
| 1. **Location:** *[e.g. village, island, province, and GPS coordinates if available]*

Forari Bay Efate Is. SHEFA Province17deg41mins S/ 168degs33mins E | 1. **Duration:**

Years 6………… months …………From ………… to ………… |
| 1. **Theme(s):**

[x]  Mitigation [x]  Adaptation[x] Cross cutting [x]  DRR / DRM  | 1. **Climate/DRR relevancy (% of budget)**

[x]  High (≥80%) [ ]  Medium (≥50%)[ ] Low (≥25%) [ ]  Marginal (≥5%) |
| 1. **Sector(s) by ministry:**

[x] Agriculture, livestock, forestry, fisheries and biosecurity[x]  Lands and natural resources (geology, mines, water)[x] Climate change adaptation, meteorology, geo-hazards, environment, energy and disaster management[ ] Education and training[ ] Finance and economic management[x] Foreign affairs, international cooperation and external trade[ ] Health[x] Infrastructure and public utilities[x]  Internal affairs (custom and culture, labour and employment services)[ ]  Justice and community services[x]  Trade, tourism, industry and commerce[ ]  Youth and sports development | 1. **Scope:**

[x]  Regional [x]  National[x]  Provincial [x]  Community |
| 1. **Number of people impacted/affected:**

[x]  Direct 15,000………… [ ]  Indirect 200,000[x]  Women 7,500 [ ]  Youth (<30 years) 3000 |
| 1. **Project Type:**

[x]  Capacity building[ ]  Community awareness[x]  Disaster response[ ]  Field implementation[ ]  Formal education program[ ]  Funding - small grants[ ]  Informal training courses[ ]  Knowledge communication[x]  Pilot / trial / demonstration Project[ ]  Planning and governance[ ]  Policy formulation and integration[ ]  Policy support[ ]  Research (feasibility study etc.)[x]  Other |

**STOP HERE IF PROJECT ONLY AT IDENTIFICATION STAGE**

**CONTINUE FROM HERE ONLY IF PROJECT AT CONCEPT OR FUNDING PROPOSAL STAGE**

|  |
| --- |
| 1. **Project rationale:** *[What is the rationale for the project? What is its strategic context? What is the primary need, and how was it identified? Is this program building on any previous activities, projects or policy?]*

Vanuatu is a Small Island Developing State (SIDS) highly dependent on fossil fuels for baseload power and transport. Over 50% of the countries imported fossil fuels are used by land transport. The Forari Bay Project will provide zero emissions transport and a low-emission and climate-resilient development to reduce Vanuatu’s greenhouse gas emissions and enhance the country’s ability to adapt to climate change and mitigate the proportionally high percentage of fossil fuel consumption by land transport..A new domestic green port will expand economic development to North Efate, decongest Port Vila’s international harbour and connect with 83 outer islands for trade and passenger movements. The marine industry currently has no functioning slipways in Vanuatu. This is a high-risk factor for domestic shipping and has resulted in boat and ship owners being unable to comply with Marine Regulatory requirements. There is significant concern for sea worthiness of some domestic vessels, impacting local intra island trade and passenger safety. Alternatives are expensive slipways in Fiji and New Caledonia restricted in access by COVID 19 constraints and generally the time and cost of the ocean voyage to destination. According to the Vanuatu Chamber of Commerce and Industry, Vanuatu’s economy has suffered due to border closures. All economic sectors have reported reduced demand from citizens and residents resulting in a downturn in business profitability and reduced domestic and international investment. Combined all sectors are down by 50% and operating with 41% less staff[[1]](#footnote-1). This, compounded by the higher costs and lengthy shipping time for imports and exports have reduced consumer confidence and demand for Vanuatu products that normally funnel through the Maritime sector. There is an opportunity now to assist recovery in Vanuatu focused on reducing of use of fossil fuels, reducing harmful emissions from maritime transport and from land-based transport (e.g. over 500 registered buses in Port Vila). The Intergovernmental Panel on Climate Change’s (IPCC) Special Report Global Warming of 1.5°C emphasizes urgency and action. Without societal transformation and rapid implementation of ambitious greenhouse gas reduction measures, pathways to limiting warming to 1.5°C and achieving sustainable development will be exceedingly difficult, if not impossible, to achieve (*high confidence*)[[2]](#footnote-2). This project will allow Vanuatu to contribute through its Nationally Determined Contribution pledges to reducing emissions.  The Forari Bay Development will be a catalyst for high impact, transformative and innovative climate change action and adaptation measures by producing all energy from renewable resources for the port, the processing facilities and manufacturing plants. Renewable power generated can power communities and contribute to baseload supply through a Power Sharing Agreement. With inclusion of zero emission solar and electric vehicles, vessels and drones, the project will be building a new whole-of-sector marine industry capability.The adjoining fertile plateau will produce substantial additional supply of lokal kakae food and products for domestic consumption and export. The hydropower plant will also provide additional renewable power and ensure water security for the community. Dedicated land will be set aside natural forests and high value tropical hardwood plantation. The fertile inland plateau will be farmed using regenerative agricultural practices, leading to long term improvements in soils and increased production for local farmers and cooperatives |
| 1. **Project objective against the baseline:** *[What is the objective of the project? Describe the baseline scenario (i.e. emissions baseline, climate vulnerability baseline, key barriers, challenges and/or policies) and the outcomes and the impact that the project will aim to achieve in improving the baseline scenario. Refer to the logical framework and theory of change template below]*

**Project PHASE A****Goal 1 – Complete Master Plan, Government Approvals, Site Establishment. (USD 1m)**Objectives * Complete Master Plan, consult with user groups within 2 months
* Complete Cost Benefit analysis of elements within 1 month
* Conduct general environmental and social impacts studies within 2 months
* Establish Site Office within 1 month
* Preliminary Site Clearing within 5 months

**Goal 2 - A totally green port, infrastructure system and transport. (USD 30.0m)** Objectives * Partner with Star8 Australia and its agent Pacific Green Solutions in Vanuatu within 2 months
* Proof of concept demonstrations of solar electric vehicle transport service and renewable energy technology within 9 months
* Design and construct renewable energy manufacturing facility and vehicle assembly plant within 9 months
* Provide decentralized renewable power to all port and inland infrastructure users within 18 months
* Operate and maintain green bus service Forari Bay to Port Vila within 18 months
* Introduce drone service to Port Vila and outer islands within 24 months
* Introduce e-ferry service to local islands within 24 months
* Develop regional export market having created demand and built-up stock levels within 36 months

**Goal 3 – Slipway to Improve the safety of vessels and passengers within Vanuatu waters. (USD 3.2m)**Objectives * Conduct environmental and social impacts studies to develop a functioning ship repair and maintenance facility in Forari Bay within 2 months
* Undertake the Design and Construct planning within 1 month
* Construct a functioning slipway, ship repair and maintenance facility for up to 50 vessels per year, maximum 40 m in length within 12 months
* Operate the ship repair and maintenance facility within 14 months

**Goal 4 - Food and niche Vanuatu horticulture products processed and exported** **(USD 4.2m)**Objectives * Conduct environmental and social impacts studies within 2 months
* Survey and develop of 30 x 3-hectare allotments and processing facilities within 6 months
* Working with the Department of Agriculture establish a Regenerative Agriculture Project for 10 families within 12 months
* Design and construct climate resilient prototype housing and accommodation on 10 lots within 12 months
* Provide equipment to approved and licenced operators trained and mentored in regenerative agricultural practices without the need for a personal capital requirement for outright purchase of land and building within 9 months
* Construct a processing factory and packing shed fully equipped with amenities and equipment for freezing, canning, and treatment of produce ready for export
* Grow produce on a stable & sustainable basis for processing at FB facility for Export with 24 months

**Goal 5 - A vibrant climate resilient trading green port (USD 35.4m)** Objectives * Design Construct harbour wall and wharf within 24 months
* Introduce best practice cargo handling and professional stevedoring services 2 months
* Construct storage and lay down areas within 3 months
* Operate and maintain the Port within 26 months
* Procure 4 modern efficient landing craft style vessels capable of landing stores and vehicles on a beach within 18 months
* Construct passenger terminal within 8 months
* Construct and lease back building and factories to meet the needs of the customers’ with in 3 years
* Design and construct a Market place for all goods within 12 months
* Operate and maintain the Passenger terminal and Market facility within 18 months
* Design and build a Cultural Centre

**Goal 6 - A sustainable fishery (USD 10.0m)**Objectives * Consult widely in the Fishing sector within 3 months
* Design the Forari Bay Fish Processing Plant within 3 months
* Establish a Vanuatu Owned & Operated fleet of 4 modern tuna fishing vessels operated by an experienced management company with sophisticated catching procedures that dramatically reduces bi catch within 18 months
* Construct a processing facility that is professionally designed and managed within 12 months
* Appoint Management Company to operate and maintain the facility within 6 months

**Total overall Project Costs Estimated to be USD 250 million**Summarized below:Phase A - Goals 1 to 6 described above - Duration 36 months – USD 86 millionPhase B - Duration 24 months – USD 48 millionPhase C - Duration 38 months - USD 50 millionPhase D - Duration 40 months - USD 50 millionPhase E - Duration 48 months – USD 16 million |
| 1. **Policy coherence and alignment:** *[provide details as to how the project aligns with the National Sustainable Development Plan (pillar, goal and objective), the Climate Change and Disaster Risk Reduction Policy, and other policies, plans, strategies and priorities]*

This project will accelerate energy efficiency in all sectors and has synergies with SDGs 7 (energy), 9 (industry, innovation and infrastructure), 11 (sustainable cities and communities) 12 (responsible consumption and production) and16 (peace, justice and strong institutions).The Project is aligned with the National Sustainable Development Goals ambitions of being a leader in blue-green growth and sustainable developmentA picture containing diagram  Description automatically generated |
| 1. **Current status:** *[progress to date and current activities]*

**Concept Development, Business Development and funding**  |
| 1. Market overview: *[If the project involves a particular market describe the products or services including the historical data and forecasts. If applicable, provide the key competitors with market shares and customer base. Also provide, if any, pricing structures, price controls, subsidies available and government involvement.]*

This project is a multi facetted project involving a number of key markets, primarily energy, transport, manufacturing, waste management, agricultural and fisheries. Largest and most sophisticated privately funded development project ever conceived and launched in Vanuatu.Government endorsed and backed, up to and including The Prime Minister’s Office.Demand-driven project, addressing a critical infrastructure and development need for the country.Underpins Vanuatu’s 2020 graduation from UNCTAD “least developed country” status\*.  A new benchmark in Pacific Island “Green” Development.  Replicable model regionally. |
| 1. **Implementing / executing entity background / justification:** *[Quality of the management team, overall strategy, financial profile, equity investment, management, operations, production and marketing]*

The Executive Management team have delivered over $800m infrastructure and development projects in advanced and developing countries across the world. The table below highlights some of the key projects the team have delivered.

|  |  |  |  |
| --- | --- | --- | --- |
| TYPE | LOCATION | CLIENT  | AMOUNT |
| Wharfs: | Tasman Bay Cement Wharf, Inter Island Ferry Wharf | Nelson and Wellington Harbour Boards | $50,000,000  |
| Marinas:  | Malaysia Island Resort & Qatar | Al Thani family | $140,000,000  |
| Hydro/geothermal power station:  | Poihipi Geo Thermal Power station Taupo NZL | McDonald Family | 75,000,000 |
| Major commercial  | Auckland NZL | Fletcher Challenge  | $50,000,000 to |
| high-rise buildings |  | Properties | $120,000,000  |
| Hospitals: | Wellington Public Hospital Acute Care | NZL Government | $200,000,000  |
| Private Medical Centre | Auckland | Jim Young owner Developer | $40,000,000  |
| Aquaculture | prawn farms SE Queensland  | General Prawn Consortium | $90,000,000  |
| National Museum and Art Gallery | Port Moresby | GoPNG and DFAT | $6,000,000  |
| Local Solutions Projects | Provincial PNG | GoPNG and DFAT | $5,850,000 |
| Disaster Support and Resilience Project | South Fly District PNG | GoPNG and DFAT | $7,100,000 |
| Rural Development Projects | Chad | Government of Chad and Glencore | $11,000,000 |

**Forari Bay Trustees** will administer the affairs of the Project at completion, all shares are held by the Five Custom Owner Families. Independent Executive Directors will manage the affairs of the company on behalf of all Custom Owners. Annual Nett Profit will be distributed to Family Members and any Joint Venture partners joining the project thru the construction phase. Land Rents will be paid direct to the custom Owner Families  |
| 1. **Institutional / implementation arrangements:** *[Governance structure of the project, organisation structure, roles and responsibilities of the project management unit, steering committee, executing entities and flow of funds structure. construction and supervision methodology with key contractual agreements, operational arrangements with key contractual agreements following the completion of construction]*

This is a private sector initiative with company structures, governance arrangements in accordance with corporate best practices. |
| 1. **Results Areas** *[GCF projects only]*

 Reduced emissions from (mitigation):[x]  Energy access and power generation[x]  Low emission transport[x]  Buildings, cities, industries & appliances[x]  Forestry and land use |  Increased resilience of (adaptation):[x]  Most vulnerable people and communities [x]  Health/well-being, & food/water security[x]  Infrastructure and built environment[x]  Ecosystems and ecosystem services |
| 1. **Expected performance against investment criteria** *[GCF projects only] [brief description]*
	1. **Impact Potential:** *[Potential of the project to contribute to the achievement of the GCF’s objectives and result areas]*

This project will mitigate the high consumption of fossil fuels by introducing solar electric vehicles and provided renewable energy into the grid. The wider co-benefits of this project will immediately address safety at sea of locally registered Vanuatu vessels and upgrade the marine capability of this island nation through the introduction and operation of modern passenger and cargo fleet. It will decongest Port Vila’s international harbour and provide a vibrant alternate trading port for the Productive sector. During the construction phase 260 new jobs will be created. Upon completion of the project annual employment of Forari Bay Development concerns will be over 1,000. This significantly creates opportunities for people from Efate and surrounding islands to gain permanent employment and to access business opportunities. The development will further contribute to the national economy through VNPF and VAT payments. Social safeguards and gender equality are an integral part of the project. Women and youth employment will be deliberately designated and quarantined to ensure a gender and youth balance in this nation building project, with projection of 50% participation of women, youth and people with disabilities making up the workforce. Forari Bay Harbour and surrounds is 100% Ni-Vanuatu owned Project. The land is being provided by custom owners who have chosen not to sell to overseas investors to preserve economic benefit for Vanuatu. The Forari Bay Green Port and Renewable Growth Centre is championed by the Vanuatu National Government and may consider a Private Public Partnership in support of the project and Vanuatu’s NSDP. * 1. **Paradigm Shift Potential:** *[Degree to which the proposed activity can catalyse impact beyond a one-off project investment]*

This is a multi-faceted project that will serve as an actual model for other Small Island Developing States to transform their domestic maritime ports. Local infrastructure, waste management in the face of rapid climate change. The manufacture of self-generating renewal energy technology and assembly of solar electric vehicles for sale in the region will immediately shift current thinking that such manufacturing is exclusive to advanced countries. A totally green energy port and surrounding infrastructure will produce zero emissions impacting the way people think about sustainability, water and waste management serving as a role model for SIDS.Strategic interest of donors such as Australia, USA, Japan, the European Union and New Zealand will be bolstered by this project as moving Vanuatu closer to climate resiliency and a recovering and developing economy. Once e-vehicles are available, a shift towards zero emissions transport solutions will occur. The domestic green port will generate renewable energy to meet port needs as well as contributing to the national grid.* 1. **Sustainable Development Potential:** *[Environmental, social and economic co-benefits, including gender-sensitive development impact]*

The recently released UNFCCC IPCC report calls for urgent action through increased NDC commitments for nations to mitigate the impacts of climate change through greatly reduced dependence on fossil fuels. Vanuatu’s NSDP provides clear policy guidelines to achieve a fully renewable energy country by 2030. This project will and resolve immediate safety, environmental and trade challenges and directly support the country’s social, environmental and economic ambitions under the NSDP:

|  |  |  |
| --- | --- | --- |
| Social Pillar | Environmental Pillars | Economic Pillars |
| Vibrant Cultural Identity SOC1: 3 | Food and Nutrition Security ENV1: 1-5 | Stable and Equitable Growth ECO1: 5 |
|  | Blue-Green Economic Growth ENV2: 1-4 | Improve Infrastructure ECO2:1,2,3,6,8 |
|  | Climate and Disaster Resilience ENV3: 4 | Strengthen Rural Communities ECO3: 1-4 |
|  | Natural Resource Management ENV4: 2,4,6 | Create Jobs and Business Opportunities ECO4: 2-6 |

The impact of the project is directly aligned to Vanuatu National Sustainable Development Plan’s Environmental, Social and Economic Pillars. The impact will be long term, sustainable and be a role model for future green projects. It will be high impact and paradigm shifting climate-smart investment.Forari Bay new domestic port will be designed as a fully “green port,” powered by 100% renewable energy. The port will also strengthen and improve safe domestic maritime transport and inter-island trade. The development will establish a new commercial hub for horticulture trade and marketing. This will significantly increase the number of skilled long-term jobs in all sectors. The project will create employment for over 1000 skilled and unskilled workers for construction and operation, fulfilling the government priority for creating new employment domestically. NSDP - Create Jobs and Business Opportunities ECO4: 2-6* 1. **Needs of the Recipient:** *[Vulnerability and financing needs of the beneficiary country and population]*

Vanuatu is a vulnerable Small Island Developing State with a small population. It suffers extreme weather and geo-hazards events. This project will address the following: * Climate Agenda imperatives addressed to underpin Vanuatu’s “Green” credentials on the international stage.
* Dramatically reduce fossil fuel consumption of the land transport sector
* Will drive a measurable increase in GDP.
* Diversification of the GDP base, supporting National Resilience.
* Contributes to Investor CSR/ESG credentials.
* Enhancement of Inter-Island connectivity, including potential ferry service (currently non-existent).
* Vital support to the Vanuatu fishing-fleet, facilitating expansion and development opportunities.
* Substantive job creation and long-term local community income generation.
* Regionally replicable model.
* “Key-investor” privileged access to Vanuatu Government and for future economic opportunities.
	1. **Country Ownership:** *[Beneficiary country’s ownership of, and capacity to implement, a funded project]*

VANUATU* 1. **Efficiency and Effectiveness:** *[Economic and financial soundness of the project]*

**DETAILED FINANCIAL ECONOMIC DOCS PROVIDED**  |
| 1. **Consultation** *[Specify the plan for multi-stakeholder engagement, and what is been done so far in this regard, e.g. National, Provincial, Community, Civil Society, Private Sector]*

**Consultations to date include:****DG Prime Ministers Dept****DG MIPU****Howard Aru****Director Energy****AIFFFP****AIIB****Private Sector Investment Bank** **Dubai Investors****IFC****SPC** |
| 1. **Potential overlaps / duplication to be resolved:** *[What related projects are being undertaken in the area?]*

Agriculture |
| 1. **Technical feasibility/evaluation:** *[Brief summary of technical feasibility of project. Will the project fund local staff? If so, where? Are there additional staff required (e.g. counterparts, proposed T/A Positions)? TOR must be included for all T/A positions.*

\*\*\* IMPLEMENTATION PLAN – DETAILED ASSESSMENT – 250 LOCAL STAFF EMPLOYED DURING CONSTRUCTION AND 1000 WHEN OPERATIONAL |
| 1. **Economic and financial analysis/viability:** *[Brief summary of the economic and financial viability of the project]*

REFER TO CONCEPT NOTE |
| 1. **Financial management and procurement:** *[Describe the project’s financial management and procurement, including financial accounting, disbursement methods and auditing*]

Financial management and procurement methodologies will be provide as required. |
| 1. **Environmental and social considerations:** *[e.g. environmental and social impact safeguards / assessments, vulnerability framework]*

Our intention is to develop the project with environmental and social safeguards assessments and vulnerability frameworks. We have partnered with KBE (MS Christy Haural )to conduct assessments  |
| 1. **Gender and social inclusion considerations:** *[e.g. gender, disability, indigenous concerns, assessment of any benefits from project to women, youth, children and vulnerable groups]*

Our intention is to develop the project with environmental and social safeguards assessments and vulnerability frameworks. We have partnered with KBE (MS Christy Haural )to conduct assessments  |
| 1. **Monitoring, reporting and evaluation:** *[How will the project be monitored and evaluated? Provide project specific institutional and implementation arrangements for monitoring, reporting and evaluation. Provide methodologies for monitoring and reporting of the key outcomes of the project]*

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| --- |
| Goal: A totally green port, infrastructure system and transport. |
| NSP Policy Support: Environmental Pillars1. Blue-Green Economic Growth ENV2: 1-4
2. Climate and Disaster Resilience ENV3: 4

Economic Pillars1. Stable and Equitable Growth ECO1: 5
2. Improve Infrastructure ECO2:1,2,3,6,8
3. Strengthen Rural Communities ECO3: 1-4
4. Create Jobs and Business Opportunities ECO4: 2-6
 |
| Monitoring  | Evaluation  |
| Indicator | Current Status | Target | Progress and Gaps | Success and Challenges |
| Partner with Star8 Australia and its agent Pacific Green Solutions in Vanuatu  | Drafting agreement | Agreement signed by 30 Sept 21 |  |  |
| Proof of concept demonstrations of solar electric vehicle transport service and renewable energy technology  | Prelim discussions and quotes | Within 9 months of a signed agreement  |  |  |
| Design and construct renewable energy manufacturing facility and vehicle assembly plant  | Prelim design  | Within 9 months of funding approvals |  |  |
| Provide decentralized renewable power to all port and inland infrastructure users | Prelim Design | Within 18 months of funding approvals |  |  |
| Operate and maintain green bus service Forari Bay to Port Vila  | Concept Development | Within 18 months of funding approvals |  |  |
| Introduce drone service to Port Vila and outer islands | Overseas trials | Within 24 Months of funding approvals |  |  |
| Introduce e-ferry service to local islands  | Concept of operations | Within 24 months of funding approvals |  |  |
| Develop regional export market having created demand and built-up stock levels  | Concept development | Within 36 months of funding approvals |  |  |
| Goal 2 - Improve the safety of vessels and passengers within Vanuatu waters. |
| NSP Policy Support: Environmental Pillars1. Blue-Green Economic Growth ENV2: 1-4
2. Climate and Disaster Resilience ENV3: 4

Economic Pillars1. Stable and Equitable Growth ECO1: 5
2. Improve Infrastructure ECO2:1,2,3,6,8
3. Strengthen Rural Communities ECO3: 1-4
4. Create Jobs and Business Opportunities ECO4: 2-6
 |
| Conduct environmental and social impacts studies to develop a functioning ship repair and maintenance facility in Forari Bay  | Concept development | Within 2 months of funding approvals |  |  |
| Undertake the Design and Construct planning  | Concept development | Within 1 month of funding approvals |  |  |
| Construct a functioning slipway, ship repair and maintenance facility for up to 50 vessels per year, maximum 40 m in length w | Concept development | Within 12 months of funding approvals |  |  |
| Operate the ship repair and maintenance facility | Concept development | Within 16 months of funding approvals |  |  |
| Goal 3 - Food and niche Vanuatu horticulture products processed and exported  |
| NSP Policy SupportSocial Pillar1. Vibrant Cultural Identity SOC1: 3

Environmental Pillars1. Food and Nutrition Security ENV1: 1-5
2. Blue-Green Economic Growth ENV2: 1-4
3. Climate and Disaster Resilience ENV3: 4
4. Natural Resource Management ENV4: 2,4,6

Economic Pillars1. Stable and Equitable Growth ECO1: 5
2. Improve Infrastructure ECO2:1,2,3,6,8
3. Strengthen Rural Communities ECO3: 1-4
4. Create Jobs and Business Opportunities ECO4: 2-6
 |
| Conduct environmental and social impacts studies  | Concept development | Within 2 months of funding approval |  |  |
| Survey and develop of 30 x 3-hectare allotments and processing facilities | Concept development | Within 6 months of funding approval |  |  |
| Working with the Department of Agriculture establish a Regenerative Agriculture Project for 10 families  | Concept development | Within 12 months of funding approval |  |  |
| Design and construct climate resilient prototype housing and accommodation on 10 lots  | Concept development | Within 12 months of funding approval |  |  |
| Provide equipment to approved and licenced operators trained and mentored in regenerative agricultural practices without the need for a personal capital requirement for outright purchase of land and building  | Concept development | Within 9 months of funding approval |  |  |
| Construct a processing factory and packing shed fully equipped with amenities and equipment for freezing, canning, and treatment of produce ready for export | Concept development | Within 12 months of funding approval |  |  |
| Grow produce on a stable & sustainable basis for processing at FB facility for Export  | Concept development | Within 24 months of funding approval |  |  |
| The project will redevelop a second vital airstrip for Efate, with refurbishment of the abandoned French airfield, located on plateau Southwest boundary of the site with direct access to Main Road  | Concept development | Within 24 months of funding approval |  |  |
|  |  |  |  |  |
| Goal 4 - A vibrant climate resilient trading green port  |
| Social Pillar1. Vibrant Cultural Identity SOC1: 3

Environmental Pillars1. Food and Nutrition Security ENV1: 1-5
2. Blue-Green Economic Growth ENV2: 1-4
3. Climate and Disaster Resilience ENV3: 4
4. Natural Resource Management ENV4: 2,4,6

Economic Pillars1. Stable and Equitable Growth ECO1: 5
2. Improve Infrastructure ECO2:1,2,3,6,8
3. Strengthen Rural Communities ECO3: 1-4
4. Create Jobs and Business Opportunities ECO4: 2-6
 |
| Design Construct harbour wall and wharf  | Concept development | Within 24 months of funding approval |  |  |
| Introduce best practice cargo handling and professional stevedoring services  | Concept development | Within 2 months of funding approval |  |  |
| Construct storage and lay down areas  | Concept development | Within 3 months of funding approval |  |  |
| Operate and maintain the Port  | Concept development | Within 26 months of funding approval |  |  |
| Procure 4 modern efficient landing craft style vessels capable of landing stores and vehicles on a beach  | Concept development | Within 18 months of funding approval |  |  |
| Construct passenger terminal  | Concept development | Within 8 months of funding approval |  |  |
| Construct and lease back building and factories to meet the needs of the customers’ | Concept development | Within 3 years of funding approval |  |  |
| Design and construct a Market place for all goods  | Concept development | Within 12 months of funding approval |  |  |
| Operate and maintain the Passenger terminal and Market facility  | Concept development | Within 18 months of funding approval |  |  |
| Design and build a Cultural Centre | Concept development | Within 18 months of funding approval |  |  |
|  |  |  |  |  |
| Goal 5 - A sustainable fishery  |
| Social Pillar1. Vibrant Cultural Identity SOC1: 3

Environmental Pillars1. Food and Nutrition Security ENV1: 1-5
2. Blue-Green Economic Growth ENV2: 1-4
3. Climate and Disaster Resilience ENV3: 4
4. Natural Resource Management ENV4: 2,4,6

Economic Pillars1. Stable and Equitable Growth ECO1: 5
2. Improve Infrastructure ECO2:1,2,3,6,8
3. Strengthen Rural Communities ECO3: 1-4
4. Create Jobs and Business Opportunities ECO4: 2-6
 |
| Consult widely in the Fishing sector | Concept development | Within 3 months of funding approval |  |  |
| Design the Forari Bay Fish Processing Plant  | Concept development | Within 3 months of funding approval |  |  |
| Establish a fleet of 4 modern tuna fishing vessels operated by an experienced management company with sophisticated catching procedures that dramatically reduces bi catch  | Concept development | Within 18 months of funding approval |  |  |
| Construct a processing facility that is professionally designed and managed  | Concept development | Within 12 months of funding approval |  |  |
| Appoint Management Company to operate and maintain the facility  | Concept development | Within 6 months of funding approval |  |  |
|  |  |  |  |  |

 |
| 1. **Sustainability measures:** *[Exit strategy/ how will the project be sustained after project funding? What is the Vanuatu Government funding source? What is the future maintenance requirement? What are the future recurrent cost implications for the Government?*

**Forari Bay Trustees** will administer the affairs of the Project at completion, all shares are held by the Five Custom Owner Families. Independent Executive Directors will manage the affairs of the company on behalf of all Custom Owners. Annual Nett Profit will be distributed to Family Members and any Joint Venture partners joining the project thru the construction phase. Land Rents will be paid direct to the custom Owner Families  |
| 1. **Supporting documents** *[where applicable]*

[x] Budget template *[mandatory]* [ ] Risk assessment *[mandatory]* [ ] Logical framework[x] Concept note [x] Funding proposal [ ] Financial analysis[ ] Environmental analysis[x] Project timetable [ ] Letter of support[x]  Consultation evidence [x] Location map *[detailed plans where construction is involved]* |
| 1. **Provincial consultation certification by implementing/executing entity**

*I certify that the Province has been consulted with and the project is consistent with the Provincial Governments Provincial Plan. I also confirm that I am not aware of any ongoing disputes or disagreements that may adversely impact on the implementation of the project. A letter of support is attached.***Name Signature Date** |
| 1. **Director of Lead Government Agency**

*I certify I have checked the project profile, and any other supporting information for screening this project. I am satisfied that this project proposal is ready for presentation for approval.***Name Signature Date** |
| 1. **DSPPAC Sectoral Specialist sign off**

*I certify I have checked the project profile, and any other supporting information for screening this project. I am satisfied that this project proposal is ready for presentation for approval.***Name Signature Date** |
| 1. **Director General’s Certification**

*I certify that I have checked the project profile, and any other supporting information for screening this project. I am satisfied that this project proposal is ready for presentation for approval. I understand that no Government funding will be released for the project until the project has been approved by the appropriate government authorities, any additional government contribution has been appropriated, the approved donor funding has been released and a detailed project income and expenditure form has been submitted.***Name Signature Date** |

1. **Logical framework (objectives, impacts, outcomes, outputs, activities and inputs) \***

|  |
| --- |
| **Objective** *[The theory of change represents the long-term vision of the project (adaptation, mitigation or disaster risk reduction) and how this can be achieved through short-, medium- and long-term changes]* |
| *[Adaptation, mitigation, disaster risk reduction]* | *[Elaborate on the objectives to which the project contributes] [For GCF projects a shift to low-emission sustainable development pathways, or increased climate-resilient sustainable development]* |
| **Expected Result** | **Indicator** | **Means of Verification** | **Baseline** | **Target** | **Assumptions** |
| Mid-term | Final |
| **Impacts** (that contribute to the objective) |
| *[For GCF projects refer to the performance measurement framework]* |  |  |  |  |  |  |
| **Project outcomes** (that contribute to impacts) |
|  |  |  |  |  |  |  |
| **Project outputs** (that contribute to outcomes) |
| 1. |  |  |  |  |  |  |
| **Activities** | **Description** | **Inputs** | **Description** |
| 1.1 |  | 1.1.1. | *[Expand tables as needed]* |

*\*please use this format only if there is not a mandatory format required by the implementing/executing entity*

1. **Project budget summary (estimated in Vatu ‘000)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Items/component** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Total** | **% of Total** |
| **Loans [specify source]** |  |  |  |  |  |  |  |
| **Grants [specify source]** |  |  |  |  |  |  |  |
| **Aid in kind\*** |  |  |  |  |  |  |  |
| **Government of Vanuatu** |  |  |  |  |  |  |  |
| **Other e.g. GCF, community** |  |  |  |  |  |  |  |
| **expand table as needed** |  |  |  |  |  |  |  |
| **Total** | **7,370,000** | **10,120,000** | **6,600,000** | **2,695,000** | **660,000** | **27,445,000** | **100** |

*\* contributions made directly towards projects realisation such as equipment, materials, labour, T/A, building works, vehicles, time etc. and other quantifiable resources that count towards the achievement of the project results*

1. **Project component costs (estimated in Vatu ‘000)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Items/component** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Total** | **% of Total** |
| Equipment/materials | 5,619,000 | 7,342,000 | 5,136,000 | 1,889,000 | 514,000 | 20,500,000 | 74 |
| Personnel/staff/labour |  |  |  |  |  |  |  |
| - e.g. technical assistance | 1,687,000 | 2,704,000 | 1,380,000 | 742,000 | 102,000 | 6,615,000 | 24 |
| - e.g. local salaries | 60,000 | 70,000 | 80,000 | 60,000 | 40,000 | 310,000 | 1 |
| Training/workshops etc. | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 15,000 | 0.75 |
| Travel | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 0.25 |
| *expand table as needed* |  |  |  |  |  |  |  |
| Total | 7,370,000 | 10,120,000 | 6,600,000 | 2,695,000 | 660,000 | 27,445,000 | 100 |

*This is for the main project components only. Not every cost needs to be specified. Other examples of components might be accommodation, vehicles, fuel, freight, allowances, VNPF contributions, telephone, computers, stationery, an implementing entity administrative fee (if included as part of the loan/grant), project monitoring, contracts, rent, printing, overheads etc.*

1. **Project risk factors, mitigation measures, and assessment tool\***

*[Use tool to describe the financial, technical/operational, social/environmental and other risks that may prevent the project objectives from being achieved, and proposed risk mitigation measures.]*

|  |
| --- |
| **Selected Risk Factor 1** |
| Description | Risk category | Level of impact | Probability | Score |
| *[Description of risk factor, e.g. new government regulations, loss of key staff, delays in delivery of equipment etc.]** *Funding will not materialise leaving the project flounder*
* *A major disaster such as earthquake or cyclone stalling the project*
 | Select *[financial, technical/operational, social/environmental, other]**Financial* | Select *[low <5% of project value, medium 5-20%, high >20%]*>20% | Select *[low, medium, high]*High |  |
| Mitigation Measure(s) |
| *[Describe how the identified risk will be mitigated or managed. Do the mitigation measures lower the probability of risk occurring? If so, to what level?]** + *The CEO and COO of the Forari Bay Development Company have long experience attracting funds for both private investors, investment banks and donor agencies and due to the multi-faceted nature of the program funds will be drawn from multiple agencies*
 |
| **Selected Risk Factor 2** |
| Description | Risk category | Level of impact | Probability | Score |
| *A landowner dispute significantly stalling the project* | Social and environmental | Medium (5.1-20% of project value) | Low |  |
| Mitigation Measure(s) |
| *The Forari Bay Management Team have invested significant time, effort and resources into a sound legal structure, land title and ownership* |
| **Selected Risk Factor 3** |
| Description | Risk category | Level of impact | Probability | Score |
| *A major disaster such as earthquake or cyclone stalling the project* | Social and environmental | Medium (5.1-20% of project value) | Low |  |
| Mitigation Measure(s) |
| *The Forari Bay Management Team will have invested in the most rigorous engineering design and implementation based on the current and predicted climatic environmental degradation* |
| **Selected Risk Factor 4** |
| Description | Risk category | Level of impact | Probability | Score |
|  | Select | Select | Select |  |
| Mitigation Measure(s) |  |
| *[Expand table as needed]* |
| Total score (add all the scores and divide by the total number of risk factors) |  |
| *[Describe other potential issues which will be monitored as “emerging risks” during the life of the project (i.e. issues that have not yet raised to the level of “risk factor” but which will need monitoring). This could include issues related to external stakeholders such as project beneficiaries or the pool of potential contractors.]* |

*\*These are project related risks, not broader, general, global climatic and environment risks*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Probability** | Low | Medium | High | Multiply the impact of each risk factor by the probability of each risk factor to give an individual risk factor score. Then add all the individual risk factor scores and divide by the number of risk factors to give an overall project risk score. |
|  **Impact** | Score | (1) | (2) | (3) |
| Low | (1) | 1 | 2 | 3 |
| Medium | (2) | 2 | 4 | 6 |
| High | (3) | 3 | 6 | 9 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Key | 1 | Negligible | 2 | Minor | 3 | Moderate | 4 | Major | 6 | Severe | 9 | Extreme |

**History of the document**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Nature of revision** |
| 1.0 | NAB Meeting 9 February 2018 | Initial endorsement |

1. Vanuatu Chamber of Commerce and Industry Economic Outlook Report September 2020 [↑](#footnote-ref-1)
2. The Intergovernmental Panel on Climate Change – Special Report Global Warming of 1.5 ºC [↑](#footnote-ref-2)