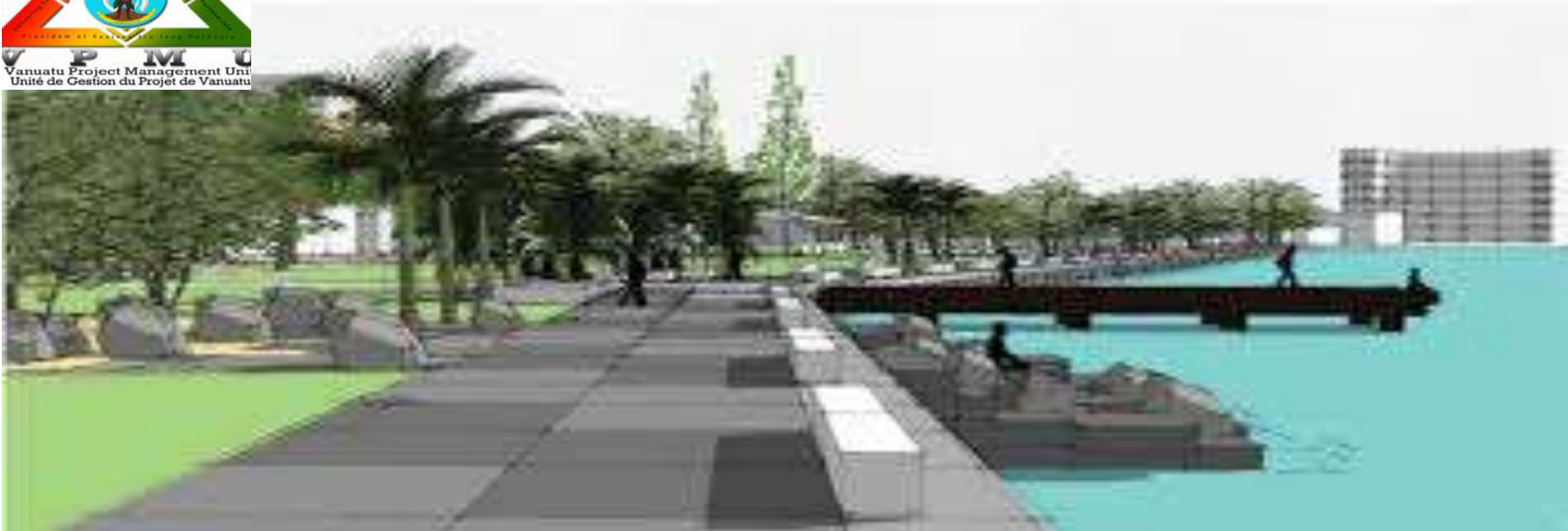




Integrating GIS tools into EIA and expanding the PESMP/CESMP in Projects for economic development



The case of Port Vila Urban Development



Williams P GANILEO, National Environment Specialists, VPMU

Why we want to do this presentation



Why Vanuatu has to abide to conditions of the donor funding in terms of using GIS and EIA/PESMP/CESMP as key components in AID funded development projects for PVUDP

Show you how important EIA and GIS are two very strong pillars in project development as they are complementary under the TOR for outputs

The legal framework provides for both social and environment harmony in development projects

The Lessons Learnt from PVUDP



The Abstract



GIS tools along with CAD software's have assisted in city planning and remodelling the landscape in various ways. The tools have assisted in producing quality designs with considerable aspects of social and environmental planning. By integrating EIA/PESMP/CESMP into spatial planning, there is a very good understanding which these tools (GIS and EIA) are being used to lessen environment safe guards and social safeguards



Why PESMP/CESMP and GIS



- PESMP is a preliminary Env and Soc Monitoring plan that has to be done before a project is implemented
- CESMP is the Construction and Env and Soc Monitoring Plan that is alive and continues to change as work progress to meet our conditions
- GIS is a tool used to ensure that plans captured in PESMP and CESMP are portrayed in a Map with all safeguards upheld
- Since a TOR for a doing an EIA/PESMP/CESMP considers the natural and social issues, linking them together provides a very strong outcome
- Continued monitoring has assisted at all levels of the decision making
- Links in GIS and EIA within this project has proven very effective

Port Vila Urban Development Project



The Port Vila Urban development project is a Master piece of work that promotes a friendly environment for all users

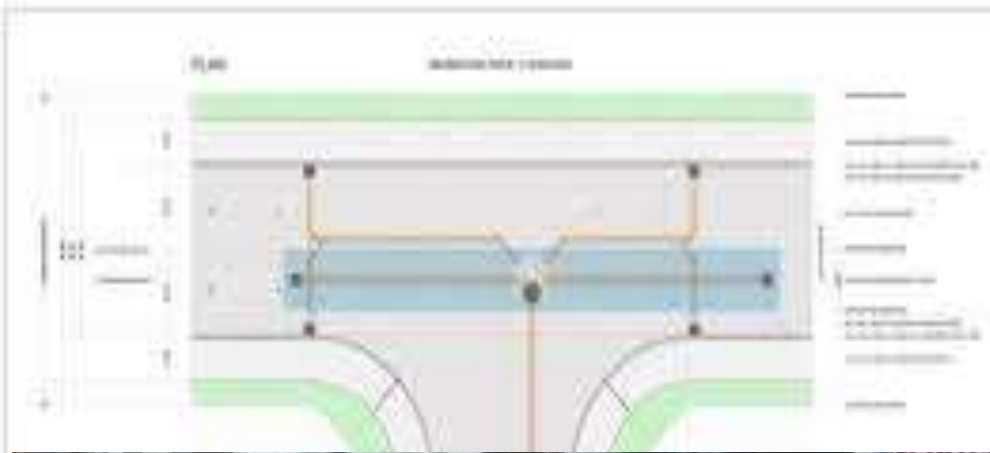
The project includes a beautification Program, roads, lapetasi wharf community sanitation facility, VISSP and the Airport reconstructions

Managed by VPMU, contractor is Roughton International, designers is BECCA and GHD with local site engineers and safeguards

Examples of the works



Designs and safety



Before access is granted for works, preliminary soc/env Safeguards assessments and GIS designs must be confirmed

Designs are scrutinised to ensure consistency for safeguards

Consistent monitoring of safety logs, issues related to Plans are to be made and reported in daily logs for considerations

Checks and safeguards

Vanuatu Inter-Island Shipping Support Project (VISSP) – Construction and Rehabilitation of Wharves and Jetties in Vanuatu Contract no: VISSP WO1/14

Environmental and Social Safeguards Checklist – 25th October 2017 (CH)

Sub-Project Site	Environmental Permit (Dept. Environment and Conservation)	Foreshore Development Consent (FDC) (Physical Planning Unit, MoA)	Water Works Permit (WWP) (Dept. of Water Resources)	Building Permit (Public Works Dept.)	Quarry Permit (Dept. Geology & Mines)	Land Access (MOUs and/or Land Lease Documents)	Actions Required and by Whom
South Paray Wharf Port Vila, Efate	1. Application submitted on 23/04/2013. Approval issued 25/04/2013. Expired 25/04/2014. 2. Extension sought on 15/09/2015. Extension granted 18/09/2015. Expired 18/09/2016. 3. Extension sought on 11/09/2017. Extension granted 26/09/2017. Expires on 26/09/2018.	1. Application lodged 21/09/2015. Ministerial Consent granted 01/12/2015. Ref # MIA/202/2/212/012/07/vw/vpmu Expires 01/12/2017.	1. Blanket application for WWP for VISSP sub-projects lodged on 21/01/2016. 2. Permit granted on 27/01/2016. Expired 27/01/2017. Permit No. : 001/ 2016 Payment Invoice # 16-000279 on 27/01/2016.	Approval of building designs and building permit fee waived by PWD 05/09/2017. Letter Ref # 2924/ 2017 from MIPU to VPMU.	Not required	1. Consent from Paramount Chief. Signed 28/09/2015. 2. MOA for long term access between MIPU (Govt) and custom landowners. Signed 12/02/2016 3. Ifira Land Corporation Ltd Support. Signed on 04/09/2014.	1. FDC renewal required. In progress. (VPMU) 2. WWP Renewal required. In progress. (VPMU)
South Paray Channel Port Vila, Efate	1. Blanket approval of IEEs for VISSP granted on 25/04/2013 and extension	1. Application lodged 04/02/2016. Consent granted 15/02/2016. Ref # MIA/202/2/212/012/07/vpmu.	1. Blanket application for WWP for VISSP sub-projects lodged on 21/01/2016.	N/A	Granted on 07/03/2016. Permit NO.: VAQP216005.	1. Consent from Paramount Chief. Signed 28/09/2015.	None. Dredging Completed 09/02/2017.

Taking the plan to the Government



The contractor continue to up Date the government on time Frames and work progress

Monitoring of the plans and the Progress is essential under the CESMP for the government to know

The Lessons Learnt from PVUDP

- We have understood the process under the PESMP and CESMP delivered the work in the times required under the contract that has proved to assist in leveraging issues and produced a good project such as Lapetasi and the VTIP
- We understand what donors want and the contractors
- We have supervised the work concurrently with excellence
- We have come build our expertise in surveying and GIS
- We are ready for another project

Tankiu Tumas