

PN-C2P1 : INTEGRATED WASTE MANAGEMENT PLAN

OBJECTIVES AND MEANS

IMPROVE PITCAIRN'S WASTE MANAGEMENT BY DEVELOPING, ADOPTING AND IMPLEMENTING AN INTEGRATED WASTE MANAGEMENT PLAN

Formulate satisfactory and cost-effective protocols for integrated waste management, including the management of domestic waste, used oils, batteries and chemicals (including pharmaceuticals); and create the enabling conditions for implementing the adopted action plan. 2 actions:

- 1 Write and adopt an integrated management plan
- 2 Implement the decided protocols
- 3 Wood Chipper

STATUS

TECHNICAL



FINANCIAL

112 %

BUDGET

EXPENSES

BALANCE

€ 86 192

€ 96 269

€ -10 077

OPERATORS

- 1 2 3 ENVIRONMENT, CONSERVATION AND NATURAL RESOURCE DIVISION (NRD)

OBJECTIVES

The expected outcomes and planned activities was to construct a recycling centre on Pitcairn, to purchase recycling bins for domestic and commercial use and to purchase glass imploding machine

PROGRESS AND RESULTS

Despite a postponed start due to the limited work force work, they have been renewed commitment to have the activities completed within the project period. But the workforce on Pitcairn can finally be applied to the waste management project.

A SPREP consultant visited Pitcairn Island in June 2016 to assess the Island's waste management needs and to produce a Waste Management Plan. The consultant noted that Pitcairn's population of approximately 50 people produces around 10 to 15 bags of rubbish a week. Recommendations were made to improve the management of the landfill which has been put in place. These included no longer burning waste but instead the use of a swallower pit and compacting the rubbish using bulldozer or similar. Recyclable rubbish is now separated by the households and collected and stored for recycling. Rubbish and recycling bins have been provided to households as part of the project. The glass crusher, plastic shredder and recycling facility are now in place.

The Operations Division Manager carefully planned the new waste management facility, recycling and green waste area and rubbish

dump using a program called Autocad. The site is designed to be user friendly creating a safe environment for both GPI employees and community. The location for the waste management site has been cleared and is ready for construction. The location will have two areas one for recycling and the other for green waste, storage of mulch and soil for community use.

The wood Chippers have been procured and procurement procedures followed for the recycle centre. Three wood chippers have been procured, capable of handling small and large tree trunks, for wood chipping, and the other for chipping plastics/polystyrene. The ECNR and Operations Divisions will conduct a workshop with the community explaining the new waste management facility, importance of recycling, and the use of mulch. The new waste facility also brings a renewed commitment to recycling plastics and glass products. Used glass bottles and jars will be utilised by the Pitcairn Glass Artisans made possible through the INTEGRE Project Turning Glass Waste into Souvenirs. Plastics will be chipped and reused as aggregate in concrete roads.



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AGENDA 1 2 3

	2014				2015				2016				2017				2018
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	jan.
Initial																	
Revised																	

COMMENTS AND ANALYSIS

The completion of the Alternative Harbour required almost the full commitment of the Island's workforce and heavy equipment. This caused the INTEGRE project to be delayed.

A new Waste Management building has been erected and the glass crusher, plastic shredder and recycling facility are now in place.

But the visit by Alice Leney was then extremely valuable it gave him the chance to actually see Pitcairn general rubbish, recyclables, hazardous waste and bulk waste such as 200 litre drums etc. General waste surveys that are developed for other islands are not always applicable to another and therefore it is most beneficial for field visits as a starting point. Alice managed to capture Pitcairn requirements within his waste management plan and it was an easy read for all to understand leaving out the technical jargon.

Lessons learned: the project needed a dedicated manager to ensure momentum was maintained. Too many distractions caused the work to falter on a number of occasions and resulted in increased pressure

towards to end of the project to get purchasing completed before the deadline.

It was identified that Pitcairn needs to reduce the number of initiatives it undertakes within the regional projects. It does not have sufficient managers to oversee a large number of undertakings.

While recyclable items are being collected no arrangement exists at present for removing it from the Island.

The budget for the waste management activities was exceeded by €10,000 larger due to the higher than expected cost of the required shredders.

Regarding the follow up, waste collection and disposal is a critical part of remote Island life and is vital for a successful community. The new facilities will improve the process and a new role within the Public Works Division has been established to ensure oversee the ongoing operation.

