

Dear Focal Points

Developing a Regional Scrap Metal Management Strategy: Survey of Pacific Island Countries and Territories

I refer to the attached letter from Mr Kosi Latu, Director General SPREP dated 07 March 2017 circulated to SPREP member countries and territories.

One of SPREP's waste initiatives for 2017 is the development of a Regional Scrap Metal Management Strategy (the Strategy) for Pacific Island Countries and Territories (PICTs) considering the potential of scrap metal recycling to become self-sustaining and to attract public sector involvement. The focus will be on bulky scrap metal such as cars and whitegoods (e.g. fridges).

MainStream Economics and Policy has been engaged by SPREP to assist with the development of the Strategy. Part of our project is a survey of PICTs to gather information and develop a strategy that will suit the needs of all PICTs.

We would greatly appreciate your assistance in this important work through the completion of the attached survey. The survey covers vital information on bulky scrap metal management in your country. There are four areas of information covered in the survey:

- Information on your current scrap metal policies and initiatives. This is likely to be available from your waste or environmental agency.
- Data on the volumes or numbers of bulky metal imports (e.g. vehicles, whitegoods). This is likely to be available from your customs authorities.
- The cost of containerised shipping from your Island to major trade destinations. This is likely to be available from your transport authorities.
- Your views on community and business awareness of scrap metal management (including recycling/reuse) opportunities.

We would greatly appreciate if survey could be completed and returned via email by 14th April 2017

The information gathered will be analysed and presented as part of the Strategy document. This will be a useful resource to assist your jurisdiction in developing scrap metal recycling/reusing strategies.

If any further information is required, or you wish to talk about specific questions in the survey before you can complete them, please contact Jim Binney via email: jim@mainstreameco.com.au, or via Skype: mainstreameco. Alternatively you can contact Ma Bella Guinto (Solid Waste Management Adviser) via email at bellag@sprep.org.

Kind regards,



Jim Binney
Principal, MainStream Economics and Policy

Developing a Regional Scrap Metal Management Strategy

Survey of Pacific Island Countries and Territories

Instructions

This survey is designed to gather information relating to bulky scrap metal management in your jurisdiction. Most of the information should be available from your existing waste or environmental management agencies. However, some information will be easier to gather from other agencies such as customs and transport authorities.

Please fill in as much of the survey as possible in the spaces provided. If you do not have specific information for any question, please provide your best estimate.

It would also be useful if you are able to provide any supporting documents you think may be useful (e.g. a link to your relevant legislation, or a PDF copy).

The survey is structured into five sections:

1. Contact details.
2. Policies and initiatives.
3. Volumes of bulky metal imports (e.g. vehicles, whitegoods).
4. Shipping information.
5. Your views on community and business awareness of scrap metal recycling/reusing opportunities.

Once you have completed the survey, please save the document and email it to Jim Binney (jim@mainstreameco.com.au) copied to Ma Bella Guinto (bellag@sprep.org).

We would greatly appreciate if survey could be completed and returned via email by 14th April 2017 or earlier.

1 Contact details

Please provide contact details for the officers responsible for the completion of the survey in the spaces below.

Information	Name of responsible officer(s)	Email address
Information on policies and initiatives		
Information and data on volumes		
Shipping and shipping costs		
Awareness		

Which jurisdiction(s) does this survey response cover (e.g. Tuvalu): _____

2 Policies and initiatives

This section of the survey is designed to get some basic information about the legislation, policies, strategies and initiatives you currently have to manage bulky scrap metal.

Please type your answer to the questions in the box next to the specific question. When you return your survey, you may like to also send us any supporting documents you think are relevant such as copies of legislation or strategies.

	Question	Type answer in box below
1	Does your jurisdiction currently have specific <i>legislation</i> that covers the management of bulky scrap metal? If yes, please provide the name of legislation.	
2	Does your jurisdiction currently have specific <i>policies or strategies</i> that cover the management of bulky scrap metal? If yes, please provide the name of relevant policies and strategies. Also provide some information on what aspects of scrap metal management that the policies and strategies cover.	
3	Does your jurisdiction segregate bulky metal from other waste streams such as household waste?	
4	Is segregated scrap metal stored at a specific site to avoid contamination by other waste streams?	
5	Do you have the capital equipment to prepare bulky scrap metal for export? This includes a baler machine, forklift and truck. Please briefly describe what equipment you have (e.g. 1 forklift, a 5 tonne tip truck).	
6	What is the approximate cost (wages and other operational costs) per year to manage scrap metal in your jurisdiction?	
7	Do you charge households or businesses for the pick-up or disposal of bulky scrap metal waste?	

8	Do you have a waste metal recycling business in your jurisdiction? Can you describe what they do?	
9	Has there been any reuse activities for scrap metal in your jurisdiction? e.g. erosion control	
10	Are there any local businesses in your jurisdiction that already manage scrap metal, or that are capable of managing scrap metal? If so, could you please provide contact details?	

3 Volumes of scrap metal

This section relates to the volumes of bulky metal waste and in your jurisdiction. We are interested in both the current stockpile of scrap metal, as well as the rate of importation for larger metal products.

Please type your answer to the questions in the box next to the specific question. When you return your survey, you may like to also send us any supporting documents you think are relevant such as import data spreadsheets.

	Question	Type answer in box below
11	What are the approximate dimensions of your current stockpile of <i>unprocessed</i> scrap metal?	Approximate length in meters (m): Approximate width in meters (m): Approximate height in meters (m):
12	What are the approximate dimensions of your current stockpile of <i>processed</i> scrap metal?	Approximate length in meters (m): Approximate width in meters (m): Approximate height in meters (m):
13	Do you currently export any scrap metal for recycling? If so, could you please provide details on annual volumes, where the scrap is exported to, and what price you	

	receive (e.g. \$/tonne).	
14	<p>Can you provide data on the number of larger metal items imported into your jurisdiction?</p> <p>Please use the latest year's data available. This data is likely to be available from your customs authorities.</p>	<p>Number of trucks and other heavy machinery imported:</p> <p>Number of cars imported:</p> <p>Number of scooters imported:</p> <p>Number of whitegoods (e.g. fridges, washing machines, ovens) imported:</p>
15	<p>Is there any data to show that the numbers of imports are increasing or decreasing over the past 3 years?</p> <p>This data would be available from customs summaries from a few years.</p>	

4 Shipping and shipping costs

The processing of scrap metal into new products is undertaken outside the Pacific. Therefore, any scrap metal recycling strategy will require shipping of scrap metal from your jurisdiction to a regional center in the Pacific or directly to recycling destinations such as Taiwan. Typically scrap metal is exported in shipping containers. Because most PICTs import more than they export, it is important for use to examine opportunities for scrap metal being exported in containers that would normally be returned empty (this is called repositioning of empty containers).

This section of the survey is designed to get some basic information about container shipping out of your jurisdiction so we can work out where any scrap metal could be exported at a low cost.

Please type your answer to the questions in the box next to the specific question. When you return your survey, you may like to also send us any supporting documents you think are relevant such as copies of major containerised shipping routes and shipping prices.

	Question	Type answer in box below
16	How many empty shipping containers are returned from your jurisdiction each year, and where are they sent?	<p>20 foot containers (major destinations (ports) and number of containers):</p> <p>40 foot containers (major destinations (ports) and number of containers):</p>
17	What are typical costs to return an empty container to major destinations in US dollars?	20 foot containers (major destinations and cost):

		40 foot containers (major destinations and cost):
18	What is the approximate cost of loading one shipping container from the wharf onto container ships at your major port?	
19	What is the approximate hourly wage rate for waste management workers on your jurisdiction?	

5 Awareness and capacity

Successful recycling of bulky scrap metal requires awareness and capacity across the community, government and businesses.

This section of the survey is designed to understand your views on awareness of scrap metal recycling and capacity in your jurisdiction. There are no correct or incorrect answers. We are seeking your opinion as a professional.

Below are a number of statements about scrap metal management in your jurisdiction. Please indicate which response best matches your opinion by typing an X into the box below your answer.

- a. Most of the community is aware of the problem of bulky scrap metal waste in my jurisdiction.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree

- b. Most of the community would support actions to manage scrap metal, even if some minor management costs were passed onto consumers (e.g. a \$10 management levy on imported whitegoods to cover the cost of recycling).

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree

- c. The management of bulky scrap metal is a key priority for waste management agencies in my jurisdiction.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree

- d. Government agencies responsible for the management of bulky scrap metal have sufficient skills and knowledge.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree

- e. Government agencies responsible for the management of bulky scrap metal have sufficient financial resources to manage this waste stream.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree

f. Business that import and sell bulky metal items such as cars and whitegoods would be prepared to work with government agencies to manage bulky scrap metal waste.

Strongly agree	Agree	Neither agree or disagree	Disagree	Strongly disagree

Do you have any other issues you wish to raise? If so, please write them in the box below or send us the relevant documents when you return your completed survey response form.

Thank you for completing this survey!