

Sixth Regional 3R Forum in Asia and the Pacific

“3R as an Economic Industry - Next Generation 3R Solutions for a Resource Efficient Society and Sustainable Tourism Development in Asia and the Pacific”

Malé, Maldives, 17-19 August 2015

Country Report

(Draft)

<Timor-Leste>

This country report was prepared by the Government of Timor-Leste as an input for the Sixth Regional 3R Forum in Asia and the Pacific. The views expressed herein do not necessarily reflect the views of the United Nations.

Country 3R Progress Report

Name of the Country:

Timor-Leste

Name, Designation and Organization Respondent:

Ministry Commerce Industry and Environment

**Other Ministries, Organizations, Agencies contributing to
Country Report: State administration, and Municipality system**

Timeline of Submission: 17 JULY 2015 (Email: 3R@uncrd.or.jp)

*Progress and achievements towards implementation of the Ha Noi 3R Declaration
-Sustainable 3R Goals for Asia and the Pacific (2013-2023)-*

With the objective of demonstrating renewed interest and commitment of Asia-Pacific countries towards realizing a resource efficient society, the Fourth Regional 3R Forum in Asia-Pacific in 2013 adopted the good-will and legally non-binding “*Ha Noi 3R Declaration – Sustainable 3R Goals for Asia and the Pacific 2013-23.*” The objective of the Country Reporting is to share among international community various initiatives launched and efforts made (such as new policy instruments, legislations, regulations, institutional arrangements, investments or financing, technological innovation or intervention, partnership mechanisms, such as PPPs, etc.) by the member countries of the Forum in addressing each of the underlined goals of the Ha Noi 3R Declaration. This would not only help the member countries to learn various 3R best practices in place across the region, but it would also help bi-lateral and multi-lateral development agencies, donors, development banks in assessing the sustainable needs and challenges to better devise their existing as well as future capacity building programmes and technical assistance in the areas of 3Rs and sustainable waste management.

We request you to kindly fill in the below table as much as possible with relevant data/information. If additional spaces are required, separate sheets could be attached.

Thank you very much for your kind cooperation.

Secretariat of the Regional 3R Forum in Asia and the Pacific
United Nations Centre for Regional Development (UNCRD)
Email: 3R@uncrd.or.jp

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 1	Significant reduction in the quantity of municipal solid waste generated, by instituting policies, programmes, and projects at national and local levels, encouraging both producers and consumers to reduce the waste through greening production, greening lifestyle, and sustainable consumption.
Q-1 What specific 3R policies, programmes and projects, are implemented to reduce the quantity of municipal solid waste?	
<ol style="list-style-type: none"> 1) Transforming of organic waste as organic fertilizer; 2) Small scalle plastic and aqua botle recycling; 3) Initial construction of Furnace waste melting system. 4) The aproval of environmental basic law and decree law for environmental Impact evaluation. 	
Q-2 What is the level of participation of households in “source” segregation of municipal waste streams? (Please check the appropriate box)	
<input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input checked="" type="checkbox"/> Average (50-~70%) <input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> Does not exist	
Q-3 Total annual government expenditure per capita (US\$ per capita) in municipal solid waste management in 2013-2014	
US\$ 150,000.00 to 200 US\$ 225,000.00 (13 municipalities)	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<ol style="list-style-type: none"> 1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for wate management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awarness rissing and for the aquization of technology 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ol style="list-style-type: none"> 1) The first high technolgy industry for waste management by using furnace waste melting system and transforming as clean energy. 2) Small scale program on organic waste treathment as fertilizer 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)	
Goal 2	Full-scale utilization of the organic component of municipal waste, including food waste, as a valuable resource, thereby achieving multiple benefits such as the reduction of waste flows to final disposal sites, reduction of GHG emission, improvement in resource efficiency, energy recovery, and employment creation.
Q-1 Does the central government have policies or support to utilize or reduce the organic waste such as composting, energy recovery and improving efficiency in food processing? Yes, gradually support	
Q-2 What is happening to country's organic waste?(Please check the appropriate box) <input checked="" type="checkbox"/> mostly landfilled <input type="checkbox"/> mostly incinerated <input type="checkbox"/> both landfilled and incinerated <input type="checkbox"/> mostly open dumped or open burned	
Challenges (policy/ institutional/ technological/ financial) faced in implementation: 1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for wate management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awarness rissing and for the aquization of technology	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant 1) Small scale of composting project leading by private sector and NGOs	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020) 1) Final construction of facilities for the conection system between municipal waste colection system to regional waste collection point to central waste processing system	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)

Goal 3 Achieve significant **increase in recycling rate** of recyclables (e.g., plastic, paper, metal, etc.), by introducing policies and measures, and by setting up financial mechanisms and institutional frameworks involving relevant stakeholders (e.g., producers, consumers, recycling industry, users of recycled materials, etc.) and development of modern recycling industry.

Q-1 What is the recycling rate of various recyclables? (Please check the appropriate cell & add more waste streams as relevant for the country)

Rate \ Type	Very High (>90%)	High (>70%)	Average (50~60%)	Poor (<50%)	Recycling does not exist	Definition of recycling rate*
Paper						
Plastic						
Metal						
Construction waste						
e-waste						
others						

*Note: Please specify in the cell which of the following definitions (ie., 1 or 2 or 3) is followed for recycling rate

Definition 1: (collected recyclable waste)/(estimated generation of waste)

Definition 2: (volume of utilized recyclable waste)/(volume of raw material)

Definition 3: (volume of utilized recyclable waste)/(volume of collected waste for recycling)

Q-2 What specific policies are introduced at local and national level for prevention or reduction of waste streams – paper, plastic, metal, construction waste, e-waste?

National priority for the next five years

Q-3 What is the rate of resource recovery from various waste streams?

Rate \ Type	Very High (>90%)	High (>70%)	Average (50~60%)	Poor (<50%)	Recycling does not exist
Paper					
Plastic					
Metal					
Construction waste					
e-waste					

(Please check the appropriate cell & add more waste streams as relevant for the country)

Q-4 What is the level of existence of resource recovery facilities/ infrastructures in cities?

Level \ Type	Every Major City	Few Major Cities only	Does not exist	Supportive policy or programmes exists	No supportive policy or programmes
Paper					
Plastic					
Metal					
Construction waste					
e-waste					

**Voluntary Progress/Achievements/Initiatives in
Implementing Ha Noi 3R Declaration (2013~2023)**

Country Name Timor-Leste (East Timor)
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I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)

Goal 3	Achieve significant increase in recycling rate of recyclables (e.g., plastic, paper, metal, etc.), by introducing policies and measures, and by setting up financial mechanisms and institutional frameworks involving relevant stakeholders (e.g., producers, consumers, recycling industry, users of recycled materials, etc.) and development of modern recycling industry.
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<ol style="list-style-type: none"> 1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for wate management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awarness rissing and for the aqization of technology 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in municipal solid waste)

Goal 4	Build sustainable cities /green cities by encouraging “ zero waste ” through sound policies, strategies, institutional mechanisms, and multi - stakeholder partnerships (giving specific importance to private sector involvement) with a primary goal of waste minimization
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Q-1 What specific waste management policies and programmes are introduced to encourage private sector participation in municipal waste management?

- 1) *The promotion of foreign investment in the area of waste management and industrial waste treatment;*
- 2) *Collaboration with private and NGO for public awareness rising system, waste reduction, waste recycling and reutilization of transformation product from waste and in the same time encourage private sector (importir) to re-export locally untreated waste to original countries or prospectors*

Q-2 What are the major waste management areas that have strong involvement of private and business sector? (Please check appropriate boxes and add other areas if not listed below)

- waste collection
- resource recovery
- waste recycling
- waste to energy, composting, etc.
- PPP projects in waste sector

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

- 1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement;
- 2) Challenges related to technology: Lack of appropriate technology for wate management;
- 3) Challenges related to finance: There is small allocation of budget for waste management, public awareness rising and for the aquization of technology

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

- 1) Construction of modern landfill and the inter-linkaging it to industrial waste treatment facilities;
- 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treatment system.

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)

- 1) Construction of modern landfill and the inter-linkaging it to industrial waste treatment facilities;
- 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treatment system.

Is this Goal relevant for your country? Highly Partially Not at all

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 5	Encourage the private sector , including small - and medium - sized enterprises (SMEs) to implement measures to increase resource efficiency and productivity , creation of decent work and to improve environmentally-friendly practices through applying environmental standards, clean technologies, and cleaner production.
Q-1 What are the major clean technology related policies aiming to increase energy and resource efficiency of SMEs?	
<ol style="list-style-type: none"> 1) Support NGO and private sector for component of waste management such as paper, coffee hast, other material to bio-biquettes for cooking; 2) Support academia reserach inisiative on waste and waste treathment technology design; 	
Q-2 What are the capacity building programmes currently in place to build the technical capacity of SMEs in 3R areas?	
<ol style="list-style-type: none"> 1) Very basic general knowledge on waste management; 2) Lack of academic support. 	
Challenges (policy/ institutional/ technological/ financial) faced in implementation:	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 6	Promote the greening of the value chain by encouraging industries and associated suppliers and vendors in socially responsible and inclusive ways.
<i>Q-1 What percent of companies and industries have introduced green accounting and voluntary environmental performance evaluation (Ref: ISO 14000)?</i>	
<input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input checked="" type="checkbox"/> Average (50~70%) <input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> None	
<i>Q-2 What percent of companies and industries have introduced social accounting (Ref: SA 8000) in consultation with their workers?</i>	
<input type="checkbox"/> Very High (> 90%) <input type="checkbox"/> High (>70%) <input checked="" type="checkbox"/> Average (50~70%) <input type="checkbox"/> Low or not satisfactory (< 50%) <input type="checkbox"/> None	
<i>Q 3 Does government have a programme for promoting greening of the value chain? What specific policies, programmes and incentives are introduced to promote greening of value chain?</i>	
Yes in a very simple way (Timor-Leste, not as an industrial country)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for wate management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awarness rissing and for the aquization of technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system.	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system.	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 7	Promote industrial symbiosis (i.e., recycling of waste from one industry as a resource for another), by providing relevant incentives and support.
<i>Q-1 Does your government have policies and programmes promoting industrial symbiosis in industrial parks or zones? What specific policies, programmes and incentives are introduced to promote industrial symbiosis?</i>	
Yes for integrative waste industrial system	
<i>Q-2 How many eco-industrial parks or zones or the like, which is supported by the government, are there in the country?</i>	
One zone establish close to the capital of the country (Dili)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<ol style="list-style-type: none"> 1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for wate management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awarness rissing and for the aquization of technology 	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
<ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)

Goal 8	Build local capacity of both current and future practitioners, to enable the private sector (including SMEs) to obtain the necessary knowledge and technical skills to foster green industry and create decent, productive work.
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Q-1 How many dedicated training facilities or centers are there to cater the needs of SMEs and practitioners in the areas of cleaner production, resource efficiency and environment-friendly technologies, etc.?

Yes, there are few numbers of training center provide training on related issues

Q-2 Please provide an indicative figure on annual government (US \$) expenditure on building technical capacity of SMEs and practitioners in the areas of cleaner production, resource efficiency and environment-friendly technologies, etc.?

It is between US\$100,000.00 to'o 150,000.00

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

- 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities;Construction of regional waste collection system that will connect municipals
- 2) collection system to a modern industrial waste treathment system.

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

- 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities;
- 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system.

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)

- 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities;
- 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system.

Is this Goal relevant for your country? Highly Partially Not at all

I. 3R Goals in Urban/Industrial Areas (3Rs in Industrial waste)	
Goal 9	Develop proper classification and inventory of hazardous waste as a prerequisite towards sound management of such waste.
<p>Q-1 <i>Is there a systematic classification of hazardous waste? If so, please attach.</i></p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Q-2 <i>What specific rules and regulations are introduced to separate, store, treat, transportation and disposal of hazardous waste?</i></p> <p>Spatial planing, land mapping and industrial zone (pool) development and it connectivity to municipal waste collection system to centralwaste processing systema</p>	
<p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <ol style="list-style-type: none"> 1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for wate management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awarness rissing and for the aquization of technology 	
<p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant.</p> <ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
<p>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</p> <ol style="list-style-type: none"> 1) Construction of modern landfill and the inter-linkaging it to industrial waste treathment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treathment system. 	
<p>Is this Goal relevant for your country? <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>	

II. 3R Goals in Rural Areas	
Goal 10	Reduce losses in the overall food supply chain (production, post harvesting and storage, processing and packaging, distribution), leading to reduction of waste while increasing the quantity and improving the quality of products reaching consumers.
<i>Q-1 What specific policies, rules and regulations, including awareness programmes, are introduced to minimize food or crop waste?</i>	
Promote household based program for composting (organic waste management).	
<i>Q-2 Is there any continuing education services or awareness programmes for the farmers or agricultural marketing associations on reduction of crop wastes for increased food security?</i>	
Yes, it is (via various media)	
<i>Q-3 What is the average wastage of crops or agricultural produce between farms to consumers, if there is a study in your country?</i>	
<input type="checkbox"/> Very High (> 20~ 30%) <input type="checkbox"/> High (10~20%) <input checked="" type="checkbox"/> Medium (5~10%) <input type="checkbox"/> Low (< 5%) <input type="checkbox"/> Negligible (<1%)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
1) Challenges related to policy: there is no urban and rural integrative waste legislation/ law, lack of law enforcement; 2) Challenges related to technology: Lack of appropriate technology for waste management; 3) Challenges related to finance: There is small allocation of budget for waste management, public awareness rising and for the acquisition of technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
1) Construction of modern landfill and the inter-linkaging it to industrial waste treatment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treatment system.	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
1) Construction of modern landfill and the inter-linkaging it to industrial waste treatment facilities; 2) Construction of regional waste collection system that will connect municipals collection system to a modern industrial waste treatment system.	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

II. 3R Goals in Rural Areas	
Goal 11	Promote full scale use of agricultural biomass waste and livestock waste through reuse and/or recycle measures as appropriate, to achieve a number of co - benefits including GHG emission reduction, energy security, sustainable livelihoods in rural areas and poverty reduction, among others.
<i>Q-1 How much amount of – (a) agricultural biomass waste and (b) livestock waste are grossly generated per annum?</i>	
Less than 10%	
<i>Q-2 How are most of the agricultural biomass wastes utilized or treated?</i> (Please <u>check all</u> appropriate boxes)	
<input type="checkbox"/> as secondary raw material input (for paper, bioplastic, furniture, etc.) <input checked="" type="checkbox"/> biogas/electricity generation <input checked="" type="checkbox"/> composts/fertilizers <input type="checkbox"/> mostly left unutilized or open dumped <input type="checkbox"/> mostly open burned	
<i>Q-3 What specific policies, guidelines, and technologies are introduced for efficient utilization of agricultural biomass waste and livestock waste as a secondary material inputs towards full scale economic benefits? Relevant websites could be shared for additional information.</i>	
1) Develop Timor-Leste renewable energy policy paper (strategy) 2) Integrating local and small scalle project	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
1) Support NGOs program to train household memebr on biomas waste manaegement; 2) Support information, financial and experties.	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Promote green village programa	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Model of green village for Timor-Leste	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes	
Goal 12	Strengthen regional, national, and local efforts to address the issue of waste, in particular plastics in the marine and coastal environment.
<i>Q-1 What specific policies and regulations are in place to address the issue of plastic wastes in coastal and marine environment?</i>	
<ol style="list-style-type: none"> 1) South-south cooperation with Brazil, South Africa and India on waste management; 2) Exchange programa between NGOs group in neignborne countries 	
<i>Q-2 What extent issue of plastic waste is considered in integrated coastal zone management (ICZM)? (Please check the appropriate box)</i>	
<input checked="" type="checkbox"/> Very much <input type="checkbox"/> Somehow <input type="checkbox"/> Not at all	
<i>Q-3 Please provide a list of centre of excellences or dedicated scientific and research programmes established to address the impacts of micro-plastic participls (<5 mm) on coastal and marine species? If yes, please provide relevant websites.</i>	
Not establish yet	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack fiancial, experties and technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Star Product Lda plastic recycling project	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Support initiative for recycling	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes

Goal 13 Ensure **environmentally-sound management of e-waste** at all stages, including collection, storage, transportation, recovery, recycling, treatment, and disposal with appropriate consideration for working conditions, including **health and safety aspects** of those involved.

Q-1 How do people usually recycle their e-waste (waste electrical and electronic equipment)? (Please check the appropriate box in order of priority by filling in numbers like 1, 2, 3, 4,....etc., for example 1 => Highest priority)

Check if applicable	Number in priority order	
<input checked="" type="checkbox"/>	3	Take to recycling center / resource recovery facilities
<input checked="" type="checkbox"/>	2	Take to landfill
<input checked="" type="checkbox"/>	4	Take to the retailer
<input checked="" type="checkbox"/>	4	Take to local charity for re-use
<input checked="" type="checkbox"/>	4	Take to second-hand shop for re-use
<input checked="" type="checkbox"/>	3	Ship back to the manufacturer
<input checked="" type="checkbox"/>	3	Ship back to the manufacturer
<input checked="" type="checkbox"/>	2	Recycle in another country
<input checked="" type="checkbox"/>	1	Do not know how people dispose

Q-2 What specific policies and regulations are in place to ensure health and safety aspects of those involved in e-waste management (handling/sorting/resource recovery/recycling)?

Penal code related to environmental crime, basic environmental law and environmental licency law.

Q-3 How much amount of e-waste is generated and recycled per year?

Type of e-waste	Estimated total volume generated (ton/year)	% of collected by permitted recycler	% of volume recycled in collected
Television	± 4 tones	1%	75%
Computer	± 7 tones	2%	75%
Mobile phone	± .5 tones	0%	75%
Refrigerators	± 9 tones	2%	75%
Washing machines	± 3 tones	0%	75%
Air conditioners	± 5 tones	2%	75%
Others...	± 4 tones	0%	75%

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Lack of experties, financial and technology

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

Return e-electronic waste campaign by NGOs

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)

Integrative waste processing system in Tibar

Is this Goal relevant for your country? Highly Partially Not at all

**Voluntary Progress/Achievements/Initiatives in
Implementing Ha Noi 3R Declaration (2013~2023)**

Country Name Timor-Leste (East Timor)
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III. 3R Goals for New and Emerging Wastes	
Goal 14	Effective enforcement of established mechanisms for preventing illegal and inappropriate export and import of waste, including transit trade, especially of hazardous waste and e-waste.
<i>Q-1 What specific policies and regulations are introduced to prevent illegal import and export of e-waste?</i>	
Not establish yet	
<i>Q-2 Do you have required number of well-trained custom or other officials(for airport. sea-port, land border control, etc.) to track illegal export and import of e-waste?</i>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of expertises, finance and legislation	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
-	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
-	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

**Voluntary Progress/Achievements/Initiatives in
Implementing Ha Noi 3R Declaration (2013~2023)**

Country Name Timor-Leste (East Timor)
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III. 3R Goals for New and Emerging Wastes	
Goal 15	Progressive implementation of “ extended producer responsibility (EPR) ” by encouraging producers, importers, and retailers and other relevant stakeholders to fulfill their responsibilities for collecting, recycling, and disposal of new and emerging waste streams, in particular e-waste.
<i>Q-1 What specific Extended Product Responsibility (EPR) policies are enacted or introduced? (If there is none, then skip Q-2 below)</i>	
Not establish yet	
<i>Q-2 Please provide a list of products and product groups targeted by EPR nationally?</i>	
-	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack fo exerties, finance and technology.	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Industrial waste processing system Tibar	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Industrial waste processing system Tibar	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

III. 3R Goals for New and Emerging Wastes	
Goal 16	Promote the 3R concept in health-care waste management.
<i>Q-1 What specific policies and regulations are in place for healthcare waste management?</i> Promote secure incinerator for health care waste management	
<i>Q-2 What is the total annual government expenditure towards healthcare waste management (US\$ per year)?</i> It is about US\$150,000.00	
<i>Q-3 List the agencies or authorities responsible for healthcare waste management.</i> Tratamento sanitario	
<i>Q-4 What is the common practice for disposal of healthcare wastes?</i> (Please check the appropriate box and add if any other practice followed)	
<input type="checkbox"/> open dumping (untreated) <input type="checkbox"/> open burning (untreated) <input type="checkbox"/> ordinary landfilling (untreated) <input type="checkbox"/> sanitary landfilling (treated) <input checked="" type="checkbox"/> Low cost small scale incineration (do not meet air emission standards) <input type="checkbox"/> Highly controlled air incineration (dedicated/modern medical waste incinerators) <input type="checkbox"/> Other methods (please specify names:)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i> Lack of technology, financial and expertises	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i> Modification incinerator in Dili health treatment system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i> Modern incinerator for hospitals will be finalized	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 17	Improve resource efficiency and resource productivity by greening jobs nation - wide in all economic and development sectors.
<i>Q-1 What specific policies and guidelines are introduced for product standard (towards quality/durability, environment/eco-friendliness, labour standard)?</i>	
<ul style="list-style-type: none"> 1) Health care assistance program for labor dealing with waste; 2) Distribution and support of safety equipment for body protection 	
<i>Q-2 What specific energy efficiency schemes are introduced for production, manufacturing and service sector?</i>	
Target for 2020 will reduce up to 25%	
<i>Q-3 What specific policies are introduced to create green jobs in product and waste sector?</i>	
Green industries subsidies for waste management	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Lack of resources, expertise and technology</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Integrative waste treatment system in Tibar	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Integrative waste treatment system in Tibar	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

**Voluntary Progress/Achievements/Initiatives in
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Country Name Timor-Leste (East Timor)
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IV. 3R Goals for Cross-cutting Issues	
Goal 18	Maximize co-benefits from waste management technologies for local air, water, oceans, and soil pollution and global climate change.
<i>Q-1 Please share how climate mitigation is addressed in waste management policies and programmes for co-benefits?</i>	
Mainstream climate change program into national policy development	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of human resources, finance and expertises	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Integrative waste management system in Tibar	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system in Tibar	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 19	Enhance national and local knowledge base and research network on the 3Rs and resource efficiency , through facilitating effective and dynamic linkages among all stakeholders, including governments, municipalities, the private sector, and scientific communities.
<i>Q-1 What specific policies are introduced to encourage triangular cooperation between government, scientific & research institutions and private/business sector in 3R areas?</i>	
Colaboration project for the development of center for climate change and biodiversity between The Ministry Commerce Industry and Environment and National University	
<i>Q-2 Please share the number and list of dedicated scientific institution, or coordinating centers in the areas of 3Rs (e.g., waste minimization technologies, eco-products, cleaner production, recycling technologies, industrial symbiosis, resource efficiency, etc.)?</i>	
Research program on climate vulnerability and treath cause by waste	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of experties, finance and appropriate technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction of furnace waste melting system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues							
Goal 20	Strengthen multi-stakeholder partnerships among governments, civil society, and the private sector in raising public awareness and advancing the 3Rs, sustainable consumption and production, and resource efficiency, leading to the behavioural change of the citizens and change in production patterns.						
<p>Q-1 Does central government have official dialogue with multi-stakeholders in the process to formulate 3R-related policies and regulations? Which stakeholders are involved in the dialogue? (Please check all applicable)</p> <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> NGOs</td> <td><input type="checkbox"/> Industrial Association</td> </tr> <tr> <td><input type="checkbox"/> Local Government</td> <td><input checked="" type="checkbox"/> Academic Institution</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Others, please add/specify (Private sector and investor in this area)</td> </tr> </table>		<input checked="" type="checkbox"/> NGOs	<input type="checkbox"/> Industrial Association	<input type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academic Institution	<input type="checkbox"/> Others, please add/specify (Private sector and investor in this area)	
<input checked="" type="checkbox"/> NGOs	<input type="checkbox"/> Industrial Association						
<input type="checkbox"/> Local Government	<input checked="" type="checkbox"/> Academic Institution						
<input type="checkbox"/> Others, please add/specify (Private sector and investor in this area)							
<p>Q-2 What is the level of NGOs' involvement in 3R, sustainable production and consumption, resource efficiency related promotional activities? (Please check the appropriate box)</p> <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> Very high</td> <td><input type="checkbox"/> Moderate</td> <td><input type="checkbox"/> Low</td> <td><input type="checkbox"/> Almost Negligible</td> </tr> </table>		<input checked="" type="checkbox"/> Very high	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low	<input type="checkbox"/> Almost Negligible		
<input checked="" type="checkbox"/> Very high	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low	<input type="checkbox"/> Almost Negligible				
<p>Q-3 What is the level of citizens' awareness on beneficial aspects of 3R, sustainable production and consumption and resource efficiency. (Please check the appropriate box)</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Very high</td> <td><input checked="" type="checkbox"/> Moderate</td> <td><input type="checkbox"/> Low</td> <td><input type="checkbox"/> Almost Negligible</td> </tr> </table>		<input type="checkbox"/> Very high	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Low	<input type="checkbox"/> Almost Negligible		
<input type="checkbox"/> Very high	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Low	<input type="checkbox"/> Almost Negligible				
<p>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</p> <p>Lack of resources, finance, expertis, etc</p>							
<p>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</p> <p>Construction of furnace waste melting system</p>							
<p>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</p> <p>Construction of furnace waste melting system</p>							
<p>Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all</p>							

IV. 3R Goals for Cross-cutting Issues	
Goal 21	Integrate the 3Rs in formal education at primary, secondary, and tertiary levels as well as non-formal education such as community learning and development, in accordance with Education for Sustainable Development.
<i>Q-1 Provide a list of formal programmes that addresses areas of 3R and resource efficiency as part of the academic curriculum?</i>	
Promote green school program and contribute to curricula development	
<i>Q-2 Please provide an overview of the Government policies and programmes to promote community learning and development (non-formal education) on 3R and sustainable waste management.</i>	
Green school pilot project	
<i>Q-3 Please provide a list of academic and research institutions offering PhD programmes in the areas of 3Rs and resource efficiency?</i>	
-	
<i>Q-4 Please provide a list of management institutions (offering BBA / MBA courses) which have integrated resource efficiency and life cycle assessment (LCA) as part of their curriculum or course development?</i>	
-	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of human resources, finance and technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction of furnace waste melting system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 22	Integrate the 3R concept in relevant policies and programmes, of key ministries and agencies such as Ministry of Environment, Ministry of Agriculture, Forestry and Fisheries, Ministry of Industry, Ministry of Trade and Commerce, Ministry of Energy, Ministry of Water Resources, Ministry of Transport, Ministry of Health, Ministry of Construction, Ministry of Finance, Ministry of Labour, Ministry of Land and Urban Development, Ministry of Education, and other relevant ministries towards transitioning to a resource-efficient and zero waste society.
<i>Q-1 Please list the name of the Ministries and major Government Agencies which are promoting 3R and resource efficiency as part of their policy, planning and developmental activities at local and national level.</i>	
<ol style="list-style-type: none"> 1) Ministry of commerce industry and environment; 2) Ministry of Public Work, especially urban and sanitation management; 3) Ministry of state administration dealing with municipalities; 4) Ministry of Justice for land aquization 	
<i>Q-2 What type of coordination mechanism are there among ministries and agencies for a resourceefficienteconomic development?</i>	
<input checked="" type="checkbox"/> Official regular coordination meeting among ministries and agencies <input type="checkbox"/> Official ad-hoc coordination meeting among ministries and agencies <input type="checkbox"/> Informal meeting among ministries and agencies <input type="checkbox"/> Other coordination mechanisms (please add/specify)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of experties, finance and technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction of furnace waste melting system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 23	Promote green and socially responsible procurement at all levels, thereby creating and expanding 3R industries and markets for environmentally-friendly goods and products.
<i>Q-1 What specific policies are introduced to promote green and social responsible procurement?</i>	
This policy as part of decree law for environmental impact assessment for all construction project	
<i>Q-2 Please provide details of eco-labelling schemes of your country.</i>	
Not develop yet	
<i>Q-3 Please provide a list of criteria for eco-labeled products and services in your country.</i>	
Not develop yet	
<i>Q-4 Please provide the list of Ministries and major Government Agencies which have adopted green procurement policy.</i>	
<ol style="list-style-type: none"> 1) Ministry of commerce industry and environment 2) Ministry of public work 	
<i>Q-5 What % of municipalities have adopted the green procurement policy?</i>	
<ol style="list-style-type: none"> 1) Nationally adopted 	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of qualified human resources and technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction of furnace waste melting system in Tibar	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system in Tibar	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

**Voluntary Progress/Achievements/Initiatives in
Implementing Ha Noi 3R Declaration (2013~2023)**

Country Name Timor-Leste (East Timor)
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IV. 3R Goals for Cross-cutting Issues	
Goal 24	Phase out harmful subsidies that favour unsustainable use of resources (raw materials and water) and energy, and channel the freed funds in support of implementing the 3Rs and efforts to improve resource/energy efficiency.
<i>Q-1 Are there any government subsidy programmes that directly or indirectly favour unsustainable use of resources (raw materials, water, energy)? If so, please provide a list of such programmes along with the responsible Ministry or Agency administering and implementing it.</i>	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 25	Protect public health and ecosystems, including freshwater and marine resources by eliminating illegal activities of open dumping, including dumping in the oceans, and controlling open burning in both urban and rural areas.
<i>Q-1 Is waste management a public health priority in your country?</i>	
Yes it is	
<i>Q-2 What are the rules and regulations to prevent open dumping and open burning of waste?</i>	
Code penal for environmental crimes	
<i>Q-3 Rank the five most important rivers in terms of water quality (BOD values) passing through major cities and urban areas?</i>	
<ol style="list-style-type: none"> 1) Mota maufelu; 2) Mota bidau manumata; 3) Mota Benamauk; 4) Mota Bedik 5) Mota Comoro 	
<i>Q-4 What are the specific laws, rules and regulations in place to prevent littering in river and water bodies?</i>	
<ol style="list-style-type: none"> 1) Penal code on environmental crime; 2) Water body management procedure 3) Decree law for EIA 	
<i>Q-5 What are the specific laws, rules and regulations in place to prevent marine littering?</i>	
<ol style="list-style-type: none"> 1) Penal code; 2) Decree law for EIA 	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of law enforcement, lack of qualified human resources	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction of furnace waste melting system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 26	Facilitate the international circulation of re-usable and recyclable resources as well as remanufactured products as mutually agreed by countries and in accordance with international and national laws, especially the Basel Convention, which contributes to the reduction of negative environmental impacts and the effective management of resources.
<i>Q-1 What are major recycling industries in your country?</i>	
Recycling plastics, rubber and metal	
<i>Q-2 Please specify the regulation on transboundary movement of hazardous waste.</i>	
Not develop yet	
<i>Q-3 If your government has restriction on import of non-hazardous waste or quality control of non-hazardous waste, please list it up.</i>	
Yes but not listed yet	
<i>Q-4 Does your government restrict import of remanufactured goods?</i>	
yes	
<i>Q-5 Does your government regard remanufactured goods as secondhand goods, and regulate it as secondhand goods?</i>	
no	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of law enforcement, finance and expertise	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction offurnace waste melting system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction offurnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues

Goal 27 Promote data collection, compilation and sharing, public announcement and application of statistics on wastes and the 3Rs, to understand the state of waste management and resource efficiency.

Q-1 Please give an overview on availability of various data and information on material flow and waste management by checking (X or ✓) the appropriate boxes. (Please respond on both "Data Availability" and Monitoring Base")

Data Type	Data Availability			Monitoring Base	
	Good	Very limited	No data exist	Good	Not good
Waste generation		✓			✓
Material flow		✓			✓
Cyclical use	✓			✓	
Amount of final disposal	✓			✓	
Disposal to land	✓			✓	
Direct disposal to water	✓			✓	
Import of waste	✓			✓	
Export of waste	✓			✓	
Total landfilled waste	✓			✓	
Import of recyclables			✓		✓
Export of recyclables	✓			✓	
Hazardous waste generation (solid, liquid, sludge, etc.)			✓		✓
e-waste generation			✓		✓

(Please add any other data type relevant to your country)

Q-2 What are the current and planned government policies and programmes to strengthen data and information availability in waste sector?

- 1) Nationa waste survey;
- 2) Dili Waste Management plan

Challenges (policy/ institutional/ technological/ financial) faced in implementation:

Lack of human resources, finance and technology

Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant

Construction of furnace waste melting system

Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)

Construction of furnace waste melting system

Is this Goal relevant for your country? Highly Partially Not at all

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Country Name Timor-Leste (East Timor)
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IV. 3R Goals for Cross-cutting Issues	
Goal 28	Promote heat recovery (waste-to-energy), in case wastes are not re-usable or recyclable and proper and sustainable management is secured.
<i>Q-1 What are the government policies and programmes, including incentives, for waste-to-energy programmes?</i>	
Approved of investment from Shun Hsin Lda for The construction of Furnace Waste Melting System and transform it as clean energy (gass)	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of local private sectorenvolvement and local private investment in waste management business.	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Construction of furnace waste melting system	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 29	Promote overall regional cooperation and multi-stakeholder partnerships based on different levels of linkages such as government-to-government, municipality-to-municipality, industry-to-industry, (research) institute-to-institute, and NGO-to-NGO. Encourage technology transfer and technical and financial supports for 3Rs from developed countries to less developed countries.
<i>Q-1 Please provide a list of on-going bilateral/multi-lateral technical cooperation in 3R areas?</i>	
<ol style="list-style-type: none"> 1) MoU with Shun Hsin Lda for waste treatment; 2) Brazil, South Africa and India (IBAZ) grant related to waste management; 3) Star Product Lda for plastic recycling; 	
<i>Q-2 What actions are being taken to promote inter-municipal or regional cooperation in areas of waste exchanges, resource recovery, recycling, waste-to-energy and trade of recyclables?</i>	
<ol style="list-style-type: none"> 1) JICA support programa for capacity building on waste management (comparative study); 	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of finance, expertises and technology	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
<ol style="list-style-type: none"> 1) JICA support programa for capacity building on waste management (comparative study); 	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace waste melting system	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 30	Pay special attention to issues and challenges faced by developing countries including SIDS in achieving sustainable development.
<i>Q-1 Please describe any past and on-going cooperation with SIDS (Small Island Developing States) countries in 3R areas.</i>	
Under discussion	
<i>Q-2 Please list 3R related projects linked to climate change, biodiversity, disaster management and sustainable tourism. (This is to be reported by SIDS countries only)</i>	
Under discussion	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of finance and qualified human resources	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
1) JICA support programa for capacity building on waste management (comparative study);	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Construction of furnace melting system	
<i>Is this Goal relevant for your country?</i> <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	

**Voluntary Progress/Achievements/Initiatives in
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Country Name Timor-Leste (East Timor)
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IV. 3R Goals for Cross-cutting Issues	
Goal 31	Promote 3R + “Return” concept which stands for Reduce, Reuse, Recycle and “Return” where recycling is difficult due to the absence of available recycling industries and limited scale of markets in SIDS, especially in the Pacific Region.
<i>Q-1 What specific policies, programme, including pilot projects, are implemented to promote 3R+ “Return” concept? (This is to be reported by SIDS countries only)</i>	
Under discussion	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Qualified human resources, technology and finance	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Under discussion	
<i>Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Under discussion	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

IV. 3R Goals for Cross-cutting Issues	
Goal 32	Complete elimination of illegal engagement of children in the informal waste sector and gradually improve the working conditions and livelihood security, including mandatory provision of health insurance , for all workers.
<i>Q-1 What is the approximate market size (in US\$) of the informal waste sector?</i>	
1) <i>Quantity of total waste about 150 ton/day;</i> 2) <i>US\$ 5,000,000/year</i>	
<i>Q-2 Number of annual labor inspections in waste sector?</i>	
It is about 1500 people	
<i>Q-3 Is health insurance a mandatory to all informal workers in waste sector by law?</i>	
Under discussion	
<i>Q-4 What specific policies and enforcement mechanisms are in place to prevent illegal engagement of children in waste sector?</i>	
Support medical check up and medical treatment	
<i>Q-5 Number of landfill sites accessible to register waste pickers?</i>	
3 (three) land fields	
<i>Q-6 Average life span of informal waste workers?</i>	
61-63 years	
<i>Q-7 Any government vaccination programmes for informal waste workers?</i>	
Yes, but not regularly	
<i>Q-8 Any public awareness programmes for informal waste workers on health and safety measures?</i>	
Yes, but by NGOs	
<i>Challenges (policy/ institutional/ technological/ financial) faced in implementation:</i>	
Lack of focus program and financial	
<i>Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant</i>	
Under discussion	
<i>Important policies/programs/projects/master plans the government plans to undertake within next five years (2015~2020)</i>	
Integrative waste management regulation	
<i>Is this Goal relevant for your country?</i> <input type="checkbox"/> Highly <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Not at all	

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IV. 3R Goals for Cross-cutting Issues	
Goal 33	Promote 3Rs taking into account gender considerations.
<i>Q-1 Please give a brief assessment on how the national, provincial and municipal governments incorporate gender considerations in waste reduction, reuse and recycle.</i> Gender mainstreaming are part of policy for development	
Challenges (policy/ institutional/ technological/ financial) faced in implementation: Lack of financial and human resources	
Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant Under discussion	
Important policies/programmes/projects/master plans the government plans to undertake within next five years (2015~2020) Construction of furnace waste melting system	
Is this Goal relevant for your country? <input checked="" type="checkbox"/> Highly <input type="checkbox"/> Partially <input type="checkbox"/> Not at all	