**Eighth Regional 3R Forum in Asia and the Pacific**
*"Achieving Clean Water, Clean Land and Clean Air through 3R and Resource Efficiency- A 21st Century Vision for Asia-pacific Communities"*
Indore, Madhya Pradesh, India, 9-12 April 2018

# Country Report

## (Draft)

# &lt;Afghanistan&gt;

# 2Country 3R Progress Report

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| **Name of the Country: Afghanistan** |
| **Name, Designation and Organization Respondent:** |
| **Other Ministries, Organizations, Agencies contributing to Country Report:** |
| **Timeline of Submission:** <mark>**20 February 2018**</mark> (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 interests and commitments 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 with 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 help the member countries to share various best practices in 3R and resource efficiency areas across the region. In addition, it would also help bi-lateral and multi-lateral development agencies, donors, development banks in assessing the sustainable needs and challenges of those countries to better plan their existing as well as future capacity building programmes and technical assistance in the areas of 3Rs and sustainable waste management.

With the cooperation of other related ministries, organization and agencies, 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?*

No 3R specific policy developed

*Q-2 What is the level of participation of households in "source" segregation of municipal waste streams?* (Please check the appropriate box)
☐ Very High (> 90%)
☐ High (>70%)
☐ Average (50-~70%)
√☐ Low or not satisfactory (< 50%)
☐ Does not exist

*Q-3 Total annual government expenditure per capita (US$ per capita) in municipal solid waste management in 2014-2015*

Around 25 percent per person per year in Kabul city.

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

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

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*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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*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 |
| --- |

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| 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?*

The policy has been developed and it is in implementation stage in Kabul City.

*Q-2 What is happening to country's organic waste?* (Please check the appropriate box)

√☐ mostly landfilled

☐ mostly incinerated

☐ both landfilled and incinerated

☐ mostly open dumped or open burned

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

Sanitation directorate of the Kabul Municipality is responsible directorate that manages the solid waste of Kabul city. Still the collection, transportation and disposal of solid waste are not standardized the traditional method of solid waste management is prevalent in Kabul city. This sanitation directorate has around 3500 staff and 370 types of different machineries that collects, 5500 tons of solid waste of 4.5 millions populations. This number of staff and machinery is not enough to deal with this amount of the daily production. There are serious challenges in policies, technologies and financial in solid waste management. In the recent years KM invested huge amount of money to renew the directorate's machinery and equipment and several parallel projects are going on to overcome the solid waste problem in Kabul city.

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

There are several pilot projects are in progress, such as decentralization of the sanitation directorates meaning giving more machineries and equipment to district and more monetary autonomy to these districts. Buying more machineries and equipment to the directorates, privatization of solid waste management through PPP, stray dogs management through vaccination and neutralization and sanitary landfill management.

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*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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*Is this Goal relevant for your country?*    ☐ Highly          ☐ Partially          ☐ 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?*

No specific policies introduced but regulation on the reduction and prevention of air pollution are existed.

*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 | | √ | | | |

| **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:*
Lack of policy, budget and institutional mechanisms

*Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant*
The project is partially developed, Kabul municipality has manual recycling facility only at one temporary transfer station Kabul city, but the comprehensive project is under the development in the near two to three years, the recycling process will be fully functional at the transfer stations.

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*
Kabul municipality has plan to construct four transfer station at the four sites of Kabul city and at these transfer the recycling and waste recovery facilities will be embedded. For the time being preliminary waste recovery and recycling are being done in the temporary transfer station.

*Is this Goal relevant for your country?*　　√☐ Highly　　　　☐ Partially　　　　☐ 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** |
| --- | --- |

*Q-1 What specific waste management policies and programmes are introduced to encourage private sector participation in municipal waste management?*

National Waste management Policy is existed but no specific policy to encourage private sector.

*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:*
Technological and policy

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*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?*

No Specific policy yet

*Q-2 What are the capacity building programmes currently in place to build the technical capacity of SMEs in 3R areas?*

No specific policy yet

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

Due to lack of budget no programs are in placed

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*  √☐ Highly          ☐ Partially          ☐ 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. |

*Q-1 What percent of companies and industries have introduced green accounting and voluntary environmental performance evaluation (Ref: ISO 14000)?*

☐ Very High (> 90%)

☐ High (>70%)

☐ Average (50-~70%)

√☐ Low or not satisfactory (< 50%)

☐ None

*Q-2 What percent of companies and industries have introduced social accounting (Ref: SA 8000) in consultation with their workers?*

☐ Very High (> 90%)

☐ High (>70%)

☐ Average (50-~70%)

√☐ Low or not satisfactory (< 50%)

☐ None

*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?*

We are working on agribusiness charter and we are considering this area. We are also planning to make this part of our industrial policy

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*    √☐ Partially          ☐ 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. |
|---|---|

*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?*

Yes we are currently working on our industrial parks policy.

*Q-2 How many eco-industrial parks or zones or the like, which is supported by the government, are there in the country?*

None so far

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

Lack of Budget and proper Institutional frame work

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*    √☐ Highly        ☐ Partially        ☐ 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. |

*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.?*

None so far

*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.?*

NA

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*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 |
| --- |

| 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. |
| --- | --- |

*Q-1 Is there a systematic classification of hazardous waste? If so, please attach.*

√□ Yes          □ No

Basel Convention

*Q-2 What specific rules and regulations are introduced to separate, store, treat, transportation and disposal of hazardous waste?*

National Waste Management Policy
Basel convention guidelines
And currently working to develop regulation on hazardous waste management.

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

Technological and financial

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| 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. |
| --- | --- |

*Q-1 What specific policies, rules and regulations, including awareness programmes, are introduced to minimize food or crop waste?*

No specific policy

*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?*

No specific program and services

*Q-3 What is the average wastage of crops or agricultural produce between farms to consumers, if there is a study in your country?*

☐ Very High (> 20~ 30%)

☐ High (10~20%)

☐ Medium (5~10%)

☐ Low (< 5%)

☐ Negligible (<1%)

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*   ☐ Highly        ☐ Partially        ☐ 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. |
| --- | --- |

*Q-1 How much amount of – (a) agricultural biomass waste and (b) livestock waste are grossly generated per annum?*

Currently no exact data is available

*Q-2 How are most of the agricultural biomass wastes utilized or treated?* (Please <u>check all appropriate boxes</u>)

☐ as secondary raw material input (for paper, bioplastic, furniture, etc.)
☐ biogas/electricity generation
✓☐ composts/fertilizers
✓☐ mostly left unutilized or open dumped
☐ mostly open burned

*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.*

Not specific

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

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

| *Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)* |
| --- |
| |

| *Is this Goal relevant for your country?*   ☐ Highly       ☐ Partially       ☐ 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. |

*Q-1 What specific policies and regulations are in place to address the issue of plastic wastes in coastal and marine environment?*

*NA*

*Q-2 What extent issue of plastic waste is considered in integrated coastal zone management (ICZM)? (Please check the appropriate box)*

☐ Very much          ☐ Somehow          ☐ Not at all

*NA*

*Q-3 Please provide a list of centre of excellences or dedicated scientific and research programmes established to address the impacts of micro-plastic participles (<5 mm) on coastal and marine species? If yes, please provide relevant websites.*

NA

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

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


*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*


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

| Country Name |
| --- |

**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 | |
| --- | --- | --- |
| | | Take to recycling center / resource recovery facilities |
| | | Take to landfill |
| √ | 3 | Take to the retailer |
| | | Take to local charity for re-use |
| √ | 3 | Take to second-hand shop for re-use |
| | | Ship back to the manufacturer |
| | | Ship back to the manufacturer |
| | | Recycle in another country |
| | | 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)?*
  No specific policies are existed.

*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 | | | |
| Computer | | | |
| Mobile phone | | | |
| Refrigerators | | | |
| Washing machines | | | |
| Air conditioners | | | |
| Others… | | | |

No exact data are available.

*Challenges (policy/ institutional/ technological/ financial) faced in implementation:*
Policy, technological and financial problem

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

**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. |
|---|---|

*Q-1 What specific policies and regulations are introduced to prevent illegal import and export of e-waste?*

  Law and regulation for the prevention of illegal import and export of goods existed but it is not specifically for e-waste.

*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?*

√ ☐ Yes          ☐ No


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

Policy, technological and financial challenges

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


*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*


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

| 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. |

*Q-1 What specific Extended Product Responsibility (EPR) policies are enacted or introduced? (If there is none, then skip Q-2 below)*

No specific policy but indirectly policies are existed.

*Q-2 Please provide a list of products and product groups targeted by EPR nationally?*

Not available

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

Policy, technological and financial challenges

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| III. 3R Goals for New and Emerging Wastes |
| --- |

| **Goal 16** | **Promote the 3R concept** in health-care waste management. |
| --- | --- |

*Q-1 What specific policies and regulations are in place for healthcare waste management?*
Clinical waste management policy

*Q-2 What is the total annual government expenditure towards healthcare waste management (US$ per year)?*
Not specific

*Q-3 List the agencies or authorities responsible for healthcare waste management.*
National Environmental Protection Agency, Kabul Municipality and Ministry of Public Health.

*Q-4 What is the common practice for disposal of healthcare wastes?*
(Please check the appropriate box and add if any other practice followed)

☐ open dumping (untreated)
☐ open burning (untreated)
☐ ordinary landfilling (untreated)
☐ sanitary landfilling (treated)
√☐ Low cost small scale incineration (do not meet air emission standards)
√☐ Highly controlled air incineration (dedicated/modern medical waste incinerators)
☐ Other methods (please specify names:          )

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

Policy, technological and financial challenges

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*  ☐ Highly       ☐ Partially              ☐ 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. |
| --- | --- |

*Q-1 What specific policies and guidelines are introduced for product standard (towards quality/durability, environment/eco-friendliness, labour standard)?*

Some standards are available.

*Q-2 What specific energy efficiency schemes are introduced for production, manufacturing and service sector?*

*Q-3 What specific policies are introduced to create green jobs in product and waste sector?*
No specific policies

*Challenges (policy/ institutional/ technological/ financial) faced in implementation:*
Policy, technological and financial

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| 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. |

| |
| --- |
| *Q-1 Please share how climate mitigation is addressed in waste management policies and programmes for co-benefits?* |
| *Waste management policies are existed but in these policies climate mitigation does not addressed directly.* |
| *Challenges (policy/ institutional/ technological/ financial) faced in implementation:* |
| Policies and technological. |
| *Examples of pilot projects, master plans and/or policies developed or under development – include websites where relevant* |
| *Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)* |
| *Is this Goal relevant for your country?*　☐ Highly　　　☐ Partially　　　☐ 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. |
| --- | --- |

*Q-1 What specific policies are introduced to encourage triangular cooperation between government, scientific & research institutions and private/business sector in 3R areas?*

Policies are existed but it is not directly related

*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.)?*

*Challenges (policy/ institutional/ technological/ financial) faced in implementation:*
Policy, financial and technological

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*  ☐ Highly      ☐ Partially      ☐ 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. |
| --- | --- |

*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 <u>check all</u> applicable)

√☐ NGOs                                      ☐ Industrial Association

☐ Local Government                    ☐ Academic Institution

☐ Others, please add/specify (                    )

*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)

☐ Very high          ☐ Moderate          √☐ Low          ☐ Almost Negligible

*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)

☐ Very high          ☐ Moderate          √☐ Low          ☐ Almost Negligible

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| 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. |

*Q-1 Provide a list of formal programmes that addresses areas of 3R and resource efficiency as part of the academic curriculum?*
Some formal program are existed but it do not directly include 3R and resource efficiency.

*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.*
Policies are available

*Q-3 Please provide a list of academic and research institutions offering PhD programmes in the areas of 3Rs and resource efficiency?*
Not available

*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?*
Not available

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*Challenges (policy/ institutional/ technological/ financial) faced in implementation:*
Institution, financial and technological

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

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*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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*Is this Goal relevant for your country?*    √☐ Highly        ☐ Partially        ☐ 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. |

*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.*
NEPA, MoCI and Kabul Municipality

*Q-2 What type of coordination mechanism are there among ministries and agencies for a resource efficient economic development?*
√☐  Official regular coordination meeting among ministries and agencies
☐  Official ad-hoc coordination meeting among ministries and agencies
√☐   Informal meeting among ministries and agencies
☐  Other coordination mechanisms (please add/specify)


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


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


*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*


*Is this Goal relevant for your country?*   √☐ Highly        ☐ Partially        ☐ 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. |
|---|---|

*Q-1 What specific policies are introduced to promote green and social responsible procurement?*
Procurement law of Afghanistan

*Q-2 Please provide details of eco-labelling schemes of your country.*

Not specific

*Q-3 Please provide a list of criteria for eco-labeled products and services in your country.*

Not specifically

*Q-4 Please provide the list of Ministries and major Government Agencies which have adopted green procurement policy.*

In some percentage all of Government Agencies
*Q-5 What % of municipalities have adopted the green procurement policy?*

Not available

*Challenges (policy/ institutional/ technological/ financial) faced in implementation:*
Technological and institution

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| 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. |

*Q-1 Are there any government subsidy programmes that directly or indirectly favour unsustainable use of resources (raw materials, water, and energy)? If so, please provide a list of such programmes along with the responsible Ministry or Agency administering and implementing it.*

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*  ☐ Highly  ☐ Partially  ☐ 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. |

*Q-1 Is waste management a public health priority in your country?*
Yes

*Q-2 What are the rules and regulations to prevent open dumping and open burning of waste?*
Environmental law
Regulation on medical wastes

*Q-3 Rank the five most important rivers in terms of water quality (BOD values) passing through major cities and urban areas?*

*Q-4 What are the specific laws, rules and regulations in place to prevent littering in river and water bodies?*
Regulation on water quality control and maintenance.

*Q-5 What are the specific laws, rules and regulations in place to prevent marine littering?*

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*   √☐ Highly          ☐ Partially          ☐ 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. |

*Q-1 What are major recycling industries in your country?*


*Q-2 Please specify the regulation on transboundary movement of hazardous waste.*

Transboundary movement of hazardous waste in Afghanistan occur according to the Basel Convention.


*Q-3 If your government has restriction on import of non-hazardous waste or quality control of non-hazardous waste, please list it up.*

No restriction on the import of nonhazardous waste

*Q-4 Does your government restrict import of remanufactured goods?*

There is no restriction in this area

*Q-5 Does your government regard remanufactured goods as secondhand goods, and regulate it as secondhand goods?*

No specific policy

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


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


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*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*


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*Is this Goal relevant for your country?* ☐ Highly      ☐ Partially      ☐ 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 date 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?*
National waste management policy.

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| 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. |

*Q-1 What are the government policies and programmes, including incentives, for waste-to-energy programmes?*

No specific policy

*Challenges (policy/ institutional/ technological/ financial) faced in implementation:*
Policy, technological and financial

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*   √□ Highly          □ Partially          □ 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. |

*Q-1 Please provide a list of on-going bilateral/multi-lateral technical cooperation in 3R areas?*
Not specifically

*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?*

Not specifically.

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?* √ ☐ Highly          ☐ Partially          ☐ 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. |

*Q-1 Please describe any past and on-going cooperation with SIDS (Small Island Developing States) countries in 3R areas.*

NA

*Q-2 Please list 3R related projects linked to climate change, biodiversity, disaster management and sustainable tourism. (This is <u>to be reported by SIDS countries only</u>)*

NA

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| 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. |

*Q-1 What specific policies, programme, including pilot projects, are implemented to promote 3R+ "Return" concept? (This is <u>to be reported by SIDS countries only</u>)*

NA

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

*Is this Goal relevant for your country?*   ☐ Highly        ☐ Partially        ☐ 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. |
| --- | --- |

*Q-1 What is the approximate market size (in US$) of the informal waste sector?*

*Q-2 Number of annual labor inspections in waste sector?*

*Q-3 Is health insurance a mandatory to all informal workers in waste sector by law?*

No

*Q-4 What specific policies and enforcement mechanisms are in place to prevent illegal engagement of children in waste sector?*

Labor law

*Q-5 Number of landfill sites accessible to register waste pickers?*

Not available

*Q-6 Average life span of informal waste workers?*

*Q-7 Any government vaccination programmes for informal waste workers?*

No vaccination program

*Q-8 Any public awareness programmes for informal waste workers on health and safety measures?*

No specific program

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

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

*Important policies/programs/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

| IV. 3R Goals for Cross-cutting Issues | |
|---|---|
| **Goal 33** | Promote 3Rs taking into account gender considerations. |

*Q-1 Please give a brief assessment on how the national, provincial and municipal governments incorporate gender considerations in waste reduction, reuse and recycle.*

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

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

*Important policies/programmes/projects/master plans the government plans to undertake within next five years (2016~2021)*

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

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Q- Please provide a brief comprehensive summary of important 3R and resource efficiency policies /programmes/ projects/ master plans of your country.