

Agenda item 6c

Summary of Working Document UNEP/AHEG/2019/3/5

Proposed methodology for analysis of the effectiveness of existing and potential response options and activities in contributing towards long-term elimination of discharge of marine plastic litter and microplastics into the oceans

Third meeting of the ad hoc open-ended expert group on marine litter and microplastics
18-22 November 2019 – Bangkok, Thailand

Pursuant to UNEA Resolution 4/6*

Subparagraph 7(d):

"Analyse the effectiveness of existing and potential response options and activities with regard to marine litter and microplastics at all levels to determine the contribution that they make to solving the global problem."

*(UNEP/EA.4/Res.6)

Scope - Four focus areas

Lifecycle
phases

1

Geographic
range

3

Environmental
zones

2

Compliance
/ reporting

4

Reasons for the four focus areas

Lifecycle phases

1

- Urgent **global response** is needed taking into account a **product life-cycle approach** (UNEP/EA.2/11, par 1)
- Member States and the private sector should address the problem of marine litter, **prioritizing a whole-life-cycle approach** (UNEP/EA.4/6, par 1)
- UNEP/EA.2/11, par 18; UNEP/EA.3/7 par 6; UNEP/EA.4/9, par 5

Reasons for the four focus areas

Environmental zones

2

- UNEP/EA.2/INF/23: Technical report on marine plastic debris and microplastics: Global lessons and research to inspire action and guide policy change
 - Microplastics sources = **river and atmospheric inputs** (p. 176)
- UNEP/AHEG/2019/3/INF/3: "Combating marine plastic litter and microplastics: an assessment of the effectiveness of relevant international, regional and subregional governance strategies and approaches."
 - Gaps in regulatory frameworks – **waterbodies, air** (incl. microplastics, additives)

Reasons for the four focus areas

Geographic
range

3

Geographical range

- Develop integrated and **source-to-sea** approaches (UNEP/EA.3/7, par 4e)

Reasons for the four focus areas

- Governments and the **private sector** should promote **sound management of plastics** across their **life cycle** (UNEP/EA.4/9, par 5)
- Governments to take prioritized measures nationally, ... , **in cooperation with industry** (UNEP/EA.2/11, par 17)
- Cooperation between Governments, regional bodies, the **private sector** and civil society (UNEP/EA.3/7, par 5)

Compliance
/ reporting

4

Questions (UNEP/AHEG/2019/3/INF/3)

2. The usefulness of the **four focus areas**

Focus Area 1: Lifecycle phases & criteria

PRODUCTION

CONSUMPTION

WASTE
MANAGEMENT

Focus Area 1: Lifecycle phases & criteria

PRODUCTION

CONSUMPTION

WASTE
MANAGEMENT

Criteria

1. Eco design

- Durability, reuse, end-of-life treatment

2. Microplastics

- Primary, secondary

3. Additives & associated chemicals

- Legacy chemicals
- Manufacturing, recycling processes

Focus Area 1: Lifecycle phases & criteria

PRODUCTION

CONSUMPTION

WASTE
MANAGEMENT

Criteria

1. Reduction

- taxes on products

2. Elimination

- product bans

3. Waste prevention

- guidelines & policies across sectors and spaces

Focus Area 1: Lifecycle phases & criteria

PRODUCTION

CONSUMPTION

WASTE
MANAGEMENT

Criteria

- 1. Environmentally sound treatment**
 - waste hierarchy, separation, collection, disposal, trade
- 2. Mitigation & environmentally sound removal**
 - wastewater, fishing nets
- 3. Economic instruments**
 - EPR, advanced recycling fees, pay-as-you-throw, deposit schemes
- 4. Disaster debris prevention & management**
 - preparation and response

Focus Area 2: Environmental zones

ENVIRONMENTAL ZONES

Criteria

1. Air

2. Land

3. Freshwater

4. Sea

- within national jurisdiction
- beyond national jurisdiction

Focus Area 3: Geographic range

**SOURCE TO SEA
ZONES**

Criteria

1. Mountains
2. Rivers & river basins
3. Water catchments
4. Coastal zones
5. Maritime areas
 - within national jurisdiction
 - beyond national jurisdiction

Focus Area 4: Compliance/reporting

REPORTING

Criteria

1. Production
2. Consumption
3. Waste management

Identifying & grouping response options & activities

NORMATIVE

EVIDENTIAL

**CAPACITY
BUILDING**

Lifecycle phases, geographic range, environmental zones, reporting

Identifying & grouping response options & activities

- examples

NORMATIVE

EVIDENTIAL

**CAPACITY
BUILDING**

- Inter-ministerial committees
- Inter-governmental & private sector partnerships
- Relevant policy instruments
- Economic incentives
-

Identifying & grouping response options & activities - examples

NORMATIVE

EVIDENTIAL

CAPACITY
BUILDING

- Monitoring programmes
- Reporting
- Other stakeholder engagement programmes
- ...

Identifying & grouping response options & activities

- examples

NORMATIVE

EVIDENTIAL

CAPACITY
BUILDING

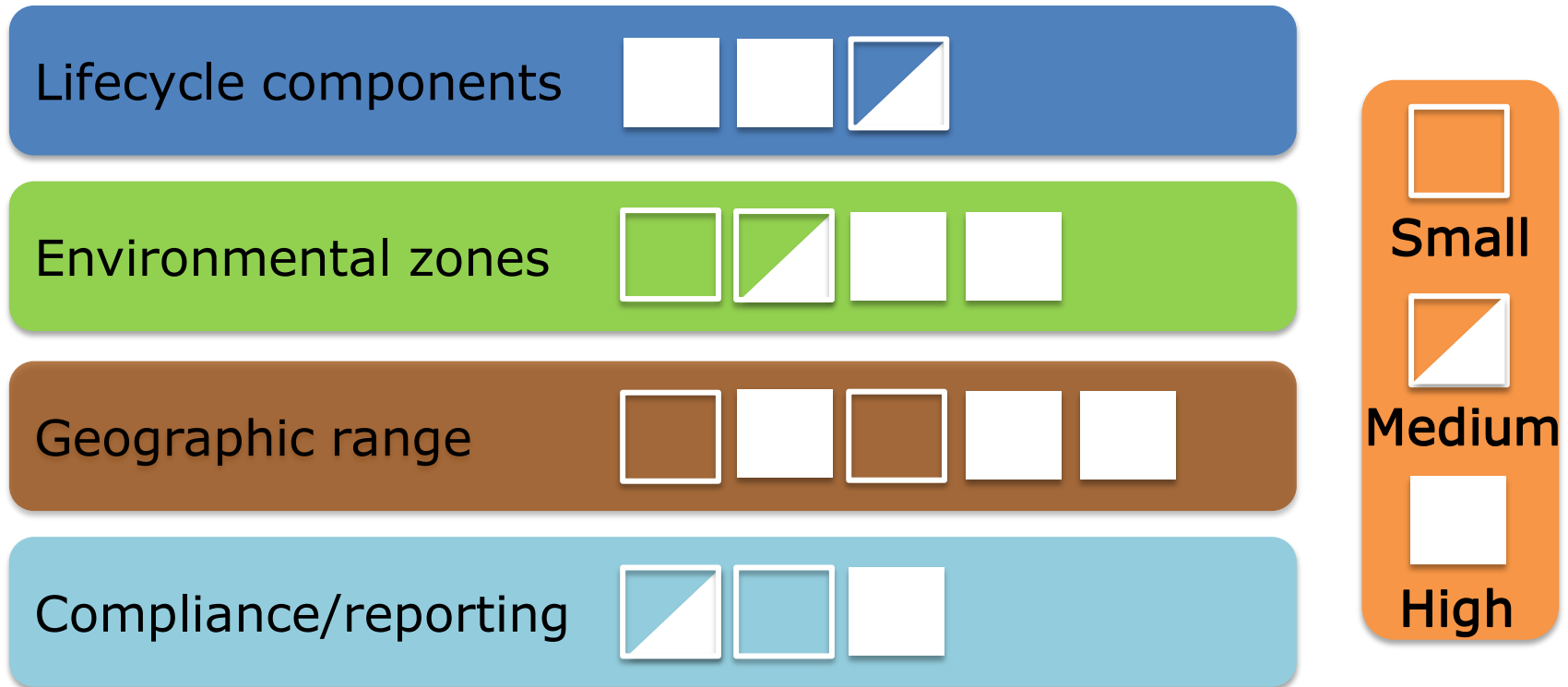
- Awareness:
 - Impact
 - Behaviour
 - Regulatory
- Sectoral & spatial guidelines
- Workshops & conferences
- Bilateral programmes
- ...

Questions (UNEP/AHEG/2019/3/INF/3)

4. The feasibility of **grouping** response options and activities, where appropriate.

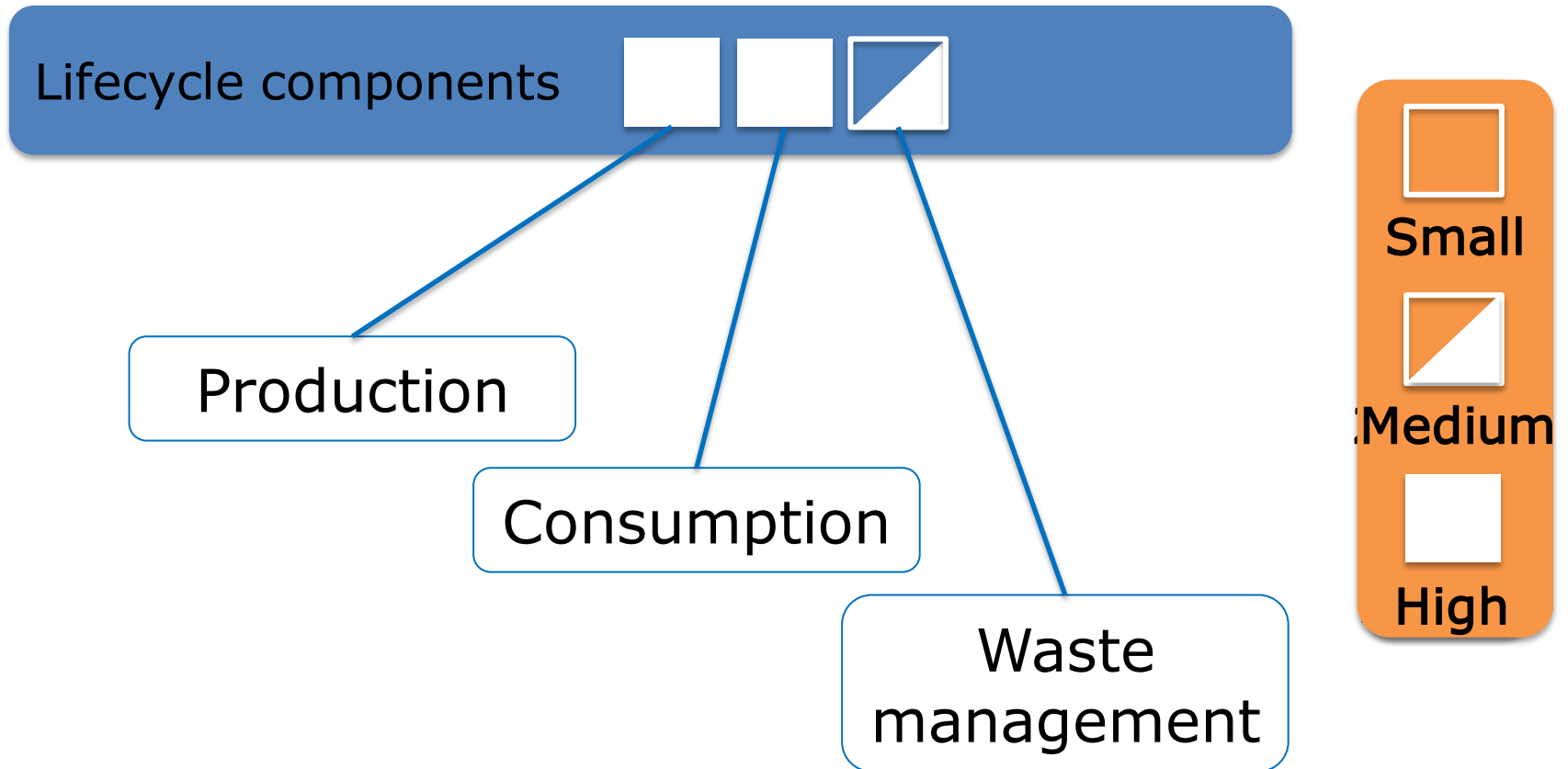
1. The appropriateness of primarily basing the analysis of effectiveness on the findings of the **stocktaking exercise** (7a).

Rating response options and activities

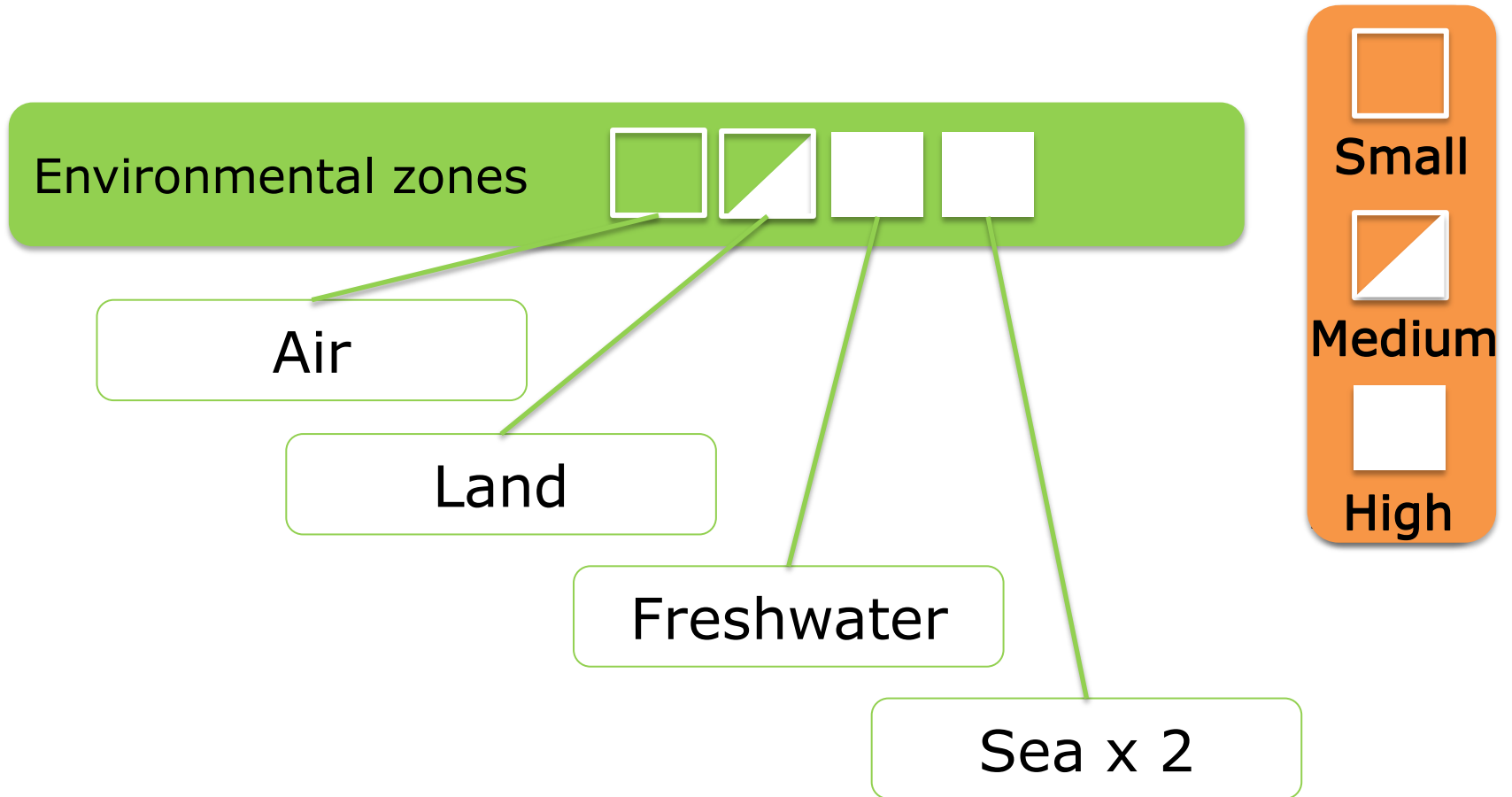


- Aggregate within groupings at sub-national, national, regional & international level
- Summarize by mandatory or voluntary
- Group into current and potential

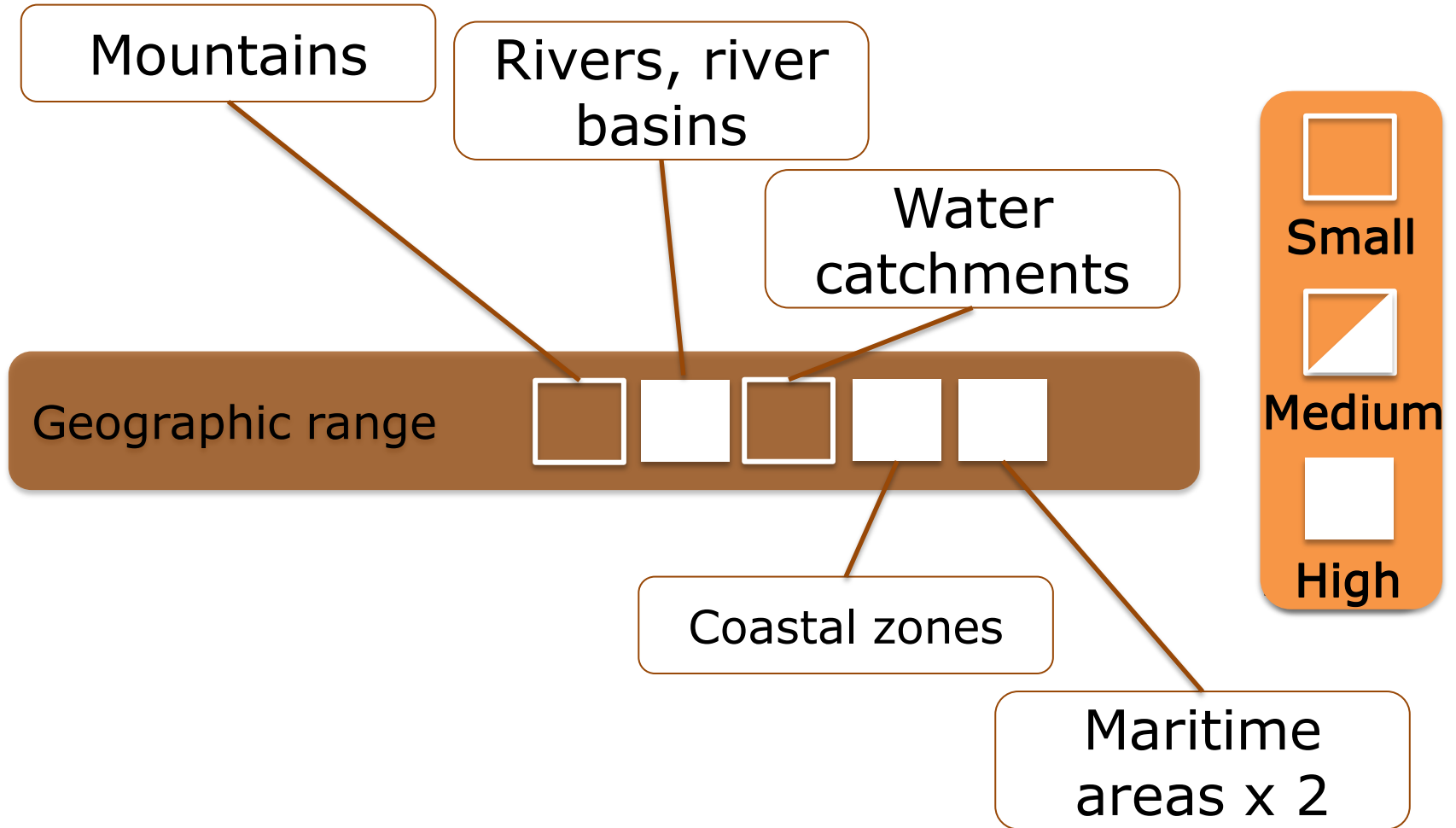
Rating response options and activities



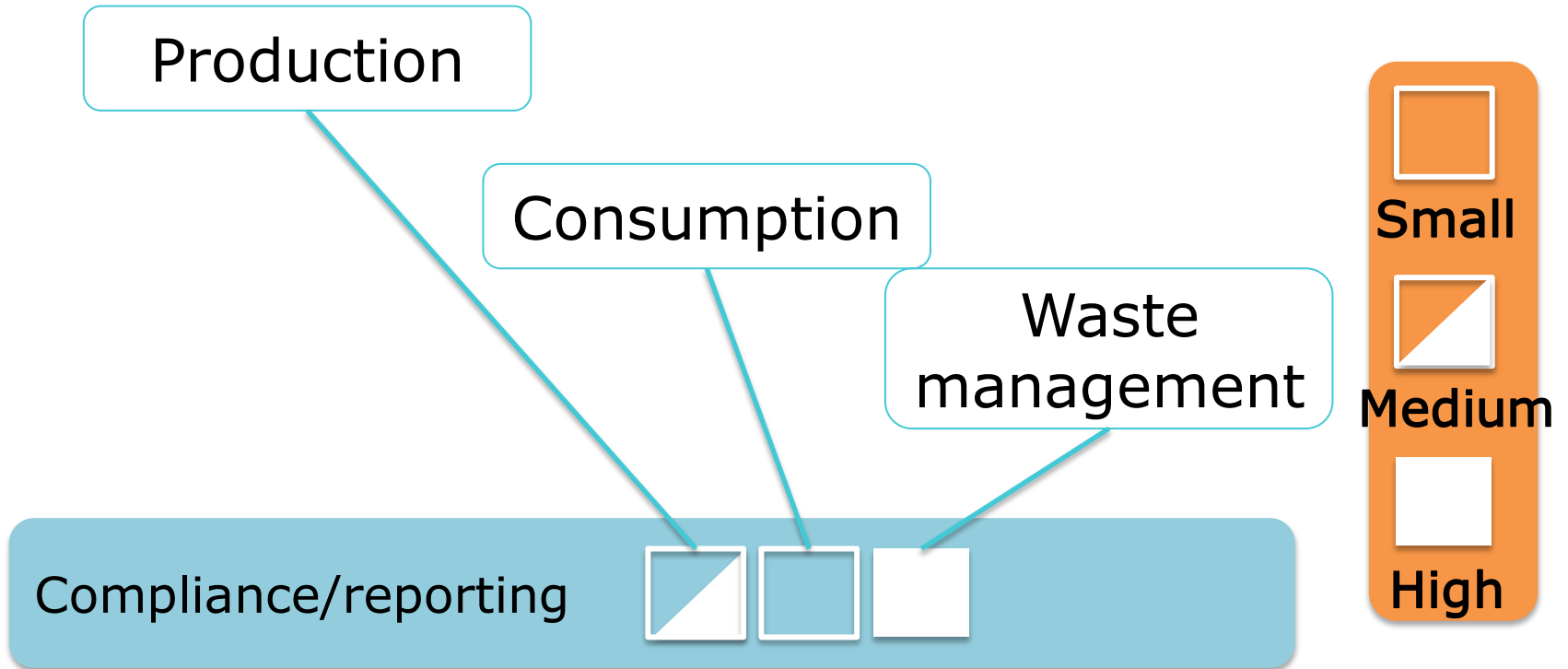
Rating response options and activities



Rating response options and activities



















Rating response options and activities



Questions (UNEP/AHEG/2019/3/INF/3)

3. The comprehensiveness of the **criteria** identified under each of the four focus areas.

Summarizing results - examples

| Response option and activity | Mandatory, Voluntary | Sub-National, National, Regional, International | Lifecycle phases | Environmental zones | Geographic range | Reporting |
|------------------------------|----------------------|---|---|---|---|---|
| Government | | | | | | |
| Inter-ministerial committee | V | N |  |  |  |  |
| Packaging EPR | M | N |  |  |  |  |
| Awareness campaigns | V | SN |  |  |  |  |
| Private sector | | | | | | |
| Recycling Guidelines | V | I |  |  |  |  |

 small

 medium

 high

Questions (UNEP/AHEG/2019/3/INF/3)

1. The appropriateness of primarily basing the analysis of effectiveness on the findings of the **stocktaking exercise** (7a).
2. The usefulness of the **four focus areas**.
3. The comprehensiveness of the **criteria** identified under each of the four focus areas.
4. The feasibility of **grouping** response options and activities, where appropriate.

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