Observations of global data flows for SDG indicators: initial results of pilots and practical suggestions for transparency: Indicator 12.4.1

Presented by: Ms Tatiana Terekhova, Secretariat of the Basel, Rotterdam and Stockholm Conventions
A Framework for Life Cycle Management: The Basel, Rotterdam and Stockholm Conventions
Chemicals and wastes are essential for the implementation of goals on **poverty reduction**, health, gender, water, cities, oceans, food and sustainable consumption and production.
<table>
<thead>
<tr>
<th>Global indicator 12.4.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment</td>
</tr>
<tr>
<td>12.4.1 Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement</td>
</tr>
</tbody>
</table>
Basel, Rotterdam and Stockholm Conventions

**Basel Convention**
- Adopted 1989
- Entry into force 5 May 1992
- 188 Parties

**Rotterdam Convention**
- Adopted 1998
- Entry into force 24 Feb. 2004
- 160 Parties

**Stockholm Convention**
- Adopted 2001
- Entry into force 17 May 2004
- 182 Parties
Montreal Protocol and Minamata Convention

**Montreal Protocol**
- Adopted **1987**
- Entry into force 1 January 1989
- 197 Parties

**Minamata Convention**
- Adopted **2013**
- Entry into force 16 August 2017
- 91 Parties
• **Scope**: global

• **Data to be collected**: obligations related to the transmission of information and data

• **Data sources**: national focal points, electronic reporting system for annual national reports

• **Disaggregation**: the indicator is available at country level

• **Time series**: the reporting on this indicator will follow a 5-year cycle. First baseline reporting cycle in 2017: data collected from 2010 to 2014.

• **Data providers**: contact points under each convention
**Basel Convention:**
- Designation of the Focal Point and one or more Competent Authorities (1 point);
- Submission of the annual national reports during the reporting period (1 point per report).

**Rotterdam Convention:**
- Designation of the Designated National Authority(-ies) and Official contact point (1 point);
- Submission of the import responses during the reporting period (0.2 point per import response).

**Stockholm Convention:**
- Designation of the Stockholm Convention official contact point and national focal point (1 points);
- Submission of the national implementation plan (1 points);
- Submission of the revised national implementation plan(s) addressing the amendments adopted by the Conference of the Parties within the reporting period (1 point per revised and updated plan);
Montreal Protocol:
- Compliance with reporting requirements for production and consumption of ozone-depleting substances under (Article 7 of) the Montreal Protocol (15 points);
- Submission of information on Licensing systems under (Article 4B of) the Montreal Protocol (5 points).

Minamata Convention:
- Designation of a national focal point (Article 17) (5 points);
- Submission of national report (Article 21) (15 points).
Computation Method

The country score depends on the amount of information that is sent to the Conventions’ Secretariat, and is calculated as follows (and communicated by the Secretariats)
# Calculation

<table>
<thead>
<tr>
<th>Convention</th>
<th>Available Points (ap)</th>
<th>Points per year ([p(t)])</th>
<th>Country Score (cs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Basel Convention</td>
<td></td>
<td>([p(t1)]+[p(t2)]+[p(t3)]+[p(t4)]+[p(t5)]/ap)</td>
<td></td>
</tr>
<tr>
<td>b Rotterdam Convention</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Stockholm Convention</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Montreal Protocol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e Minamata Convention</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Transmission Rate = \(\frac{a_{cs} + b_{cs} + c_{cs} + d_{cs} + e_{cs}}{N. of Conventions} \times 100\)
### Example of the data submitted for BRS conventions in 2017

<table>
<thead>
<tr>
<th>Country Name</th>
<th>Percentage Score</th>
<th>Indicator</th>
<th>Max Available Points</th>
<th>Points (2010-2014)</th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afghanistan</td>
<td>17%</td>
<td>Nomination/update of the Focal Point and/or the Competent Authority (1 point)</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Submission of the national report for 2010-2014 (1 point per report)</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Country Score</td>
<td>6</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albania</td>
<td>33%</td>
<td>Nomination/update of the Focal Point and/or the Competent Authority (1 point)</td>
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<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td></td>
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<td>Submission of the national report for 2010-2014 (1 point per report)</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
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<tr>
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<td></td>
<td>Total Country Score</td>
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<td>2</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>
Global transmission rate† for the Montreal Protocol, Basel, Rotterdam and Stockholm Conventions, 2010-2014 (percentage)

- Stockholm: 51%
- Basel: 57%
- Rotterdam: 71%
- Montreal Protocol: 100%
Challenges

- Nature of obligations – different complexity and reporting cycles
- Lack of human resources in the line ministries
- Low political priority of issues
- Varied access to financial and technical assistance
Thank you for your attention!

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