SCP indicators in the context of future SDGs

• Importance of SCP in the SDGs
• UNEP discussion paper, March 2015
SDG 1: End Poverty
SDG 2: Hunger, Food Security
SDG 4: Inclusive Education
SDG 7: Sustainable & modern energy for all.
SDG 8: Sustained, inclusive economic growth, decent work for all.
SDG 9: Resilient infrastructure, sustainable industrialization and innovation.
SDG 11: Inclusive, resilient, sustainable cities
SDG 12: Ensure sustainable consumption and production patterns.
SDG 17: Means of implementation
Why SCP for SDGs indicators?

• SDG 12 “Ensure SCP patterns”, includes targets on SCP, notably, **target 12.1** : “implement the 10YFP, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries”.

• SDG 12 is further supported by SCP targets in other goals, including on poverty, food, energy, economic growth....

• SCP is **transformative, universal** and **central** to the SDGs - reflected in 13 out of the 17 draft goals.

• Adopted at the UN Summit in New York on 24th September - a core element of **2030 Agenda for Sustainable Development**
<table>
<thead>
<tr>
<th>10YFP Programmes</th>
<th>related targets and how the 10YFP Programmes can support them</th>
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<tr>
<td>sustainable building and construction</td>
<td>• 11.c: support LDCs, for sustainable and resilient buildings</td>
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<tr>
<td>sustainable public procurement</td>
<td>• 12.7: promote sustainable public procurement, by supporting governments in designing SPP policies</td>
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| consumer information and sustainable lifestyles and education | • 12.8 on relevant information and awareness for SD and lifestyles.  
• 4.7 on learners to acquire knowledge and skills for sustainable development.....and sustainable lifestyles”                                                                                                                                 |
| sustainable tourism                       | • 8.9 and 12.b: policies to promote sustainable tourism  
• monitoring sustainable development impacts of sustainable tourism                                                                                                                                                                                      |
| Sustainable food systems                  | • goal 2 on ending hunger, achieving food security and improved nutrition  
• goal 12 on food waste and loss  
• resource efficiency and productivity of agriculture, sustainable food consumption                                                                                                            |

Objective of GHG emissions reduction and climate change mitigation to be integrated into all programs of the 10YFP

Targets 7.2 and 7.3 on increasing the share of renewable energy and doubling the global rate of improvement of energy efficiency, under goal 7.
Possible SCP indicators for SDGs

UNEP Discussion paper, developed by UNEP, IISD and CSIRO.

Potential indicators for a sub-set of SCP-related targets in the future SDGs:

- Set of indicators to monitor interface between economy, environment and society, and the resource use and waste flows that result from consumption and production activities.

- Translate goals and targets into tangible and measurable objectives.
Methodology

Step 1: Identify those targets that contribute to making the shift to SCP patterns.

Step 2: Identifying indicators which build synergies and complementarities between the selected SCP-related targets, and have transformative potential for sustainable development.

Step 3: Assessing data availability and identifying additional data and/or new indicators required by decision makers.
Integrated, science-based indicators to monitor progress towards SCP patterns

- Respond to several targets

- Screening indicators through the following properties and objectives that contribute to the achievement of SCP:

  - Resource and critical thresholds/ carrying capacity
  - Resource Decoupling
  - Impacts Decoupling
  - Social Benefits
  - Universality
  - Linkages to other targets
## Proposed headline indicators

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<tr>
<th>Domain</th>
<th>Indicators</th>
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| **Scale of resource use**                                   | - Domestic Material Consumption (DMC) – absolute and per-capita values  
- Material footprint (MF) – absolute and per-capita values                                                                                                                                                                                                                                                                                  | Target 12.2     |
| **Decoupling economic activity from resource use and environmental impact** | - National material efficiency – material productivity (GDP per unit of material use).  
  Production side: Material use measured through Domestic Material Consumption (DMC)  
  Consumption side: material use measured through Material footprint (MF)  
- National energy efficiency – Energy productivity (GDP per unit of energy use).                                                                                                                                                                                                                                                        | Targets 8.4, 12.2|
| **Impacts**                                                  | - Contaminants in air, water, and soil from industrial sources, agriculture, transport and wastewater and waste treatment plants.  
- Number of persons killed or injured by a natural and technological disaster and economic losses in USD.  
- Ocean health – Ocean Health Index                                                                                                                                                                                                                                                                                                   | Targets 2.4, 3.9, 6.3, 12.4 |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Targets 1.5, 3.9, 11.5, 12.4 |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Targets 14.7, 12.b |
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<td><strong>Technology and lifestyles</strong></td>
<td>• Sectoral material and energy efficiency</td>
<td>Targets 7.3, 8.4, 12.2</td>
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<td></td>
<td>• Market share of goods and services certified by independently verified sustainability labelling schemes</td>
<td>Targets 4.7, 12.6, 12.8</td>
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<td><strong>Financing and investing to transform the economy to SCP</strong></td>
<td>• Amount of R&amp;D spending on environmentally sound technologies</td>
<td>Targets 12.a (impact on 12.1, 12.2, 8.4)</td>
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<td>• Amount of fossil fuel subsidies, per unit of GDP (production and consumption), and as proportion of total national expenditure on fossil fuels</td>
<td>Target 12.c (impact on 12.2, 7.2)</td>
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<td><strong>Policy support for SCP</strong></td>
<td>• Number of countries with SCP National Actions Plans or SCP mainstreamed as a priority into national policies, poverty reduction strategies and sustainable development strategies.</td>
<td>Targets, 12.1, 12.7, 11.b, 17.16 (impact on 2.4, 4.7, 8.4, 8.9, 9.a, 12.2, 12.3, 12.8, 12.a, 12.b)</td>
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Ten Year Framework of Programmes on Sustainable Consumption and Production Patterns (10YFP)

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