Implementing the 2030 Agenda in Europe: Cooperation between EU and national levels in the implementation process

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Head of Unit F.1 Resource Efficiency & Economic Analysis, DG Environment
14th ESDN Workshop (14 June 2016, Berlin)
Outline

Trends

Peer Learning

EU Action

Sustainable Development Goals: Agenda 2030 for Transforming Our World

1. No Poverty
2. Zero Hunger
3. Good Health and Well-being
4. Quality Education
5. Gender Equality
6. Clean Energy
7. Affordable and Clean Energy
8. Decent Work and Economic Growth
9. Industry, Innovation, and Infrastructure
10. Sustainable Cities and Communities
11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action
14. Life Below Water
15. Life on Land
16. Peace, Justice, and Strong Institutions
17. Partnerships for the Goals
Report by European Strategy and Policy Analysis System (ESPAS)

Global Trends to 2030: Can the EU meet the challenges ahead?
1. The human race is growing older and richer with a growing middle class and widening inequalities.

2. Economic weight and political power is shifting to Asia. Sustained development of the world economy is becoming more vulnerable to challenges and to weaknesses in the globalisation process.

3. A revolution in technologies and their applications transforms societies in almost every aspect. Digitisation is the invader and radical, disruptive change the consequence.
4. Managing **scarcity of resources** becomes an increasing challenge, with rising energy consumption and shifting patterns of production.

5. The **interdependence of countries**, now a fact of global life, is not matched by strengthening global governance. The world order becomes more fragile and unpredictable.
EU context to date
## Protecting, conserving and enhancing natural capital

<table>
<thead>
<tr>
<th></th>
<th>5–10 year trends</th>
<th>20+ years outlook</th>
<th>Progress to policy targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terrestrial and freshwater biodiversity</td>
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<td>Land use and soil functions</td>
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<td>Ecological status of freshwater bodies</td>
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<tr>
<td>Water quality and nutrient loading</td>
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<tr>
<td>Air pollution and its ecosystem impacts</td>
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<tr>
<td>Marine and coastal biodiversity</td>
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<tr>
<td>Climate change impacts on ecosystems</td>
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<td></td>
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</tbody>
</table>

### Legend

- **Improving trends dominate**: Largely on track
- **Trends show mixed picture**: Partially on track
- **Deteriorating trends dominate**: Largely not on track

Source: EEA. SOER 2015 Synthesis report.
## Resource efficiency and the low-carbon economy

<table>
<thead>
<tr>
<th>Environmental Category</th>
<th>5–10 Year Trends</th>
<th>20+ Years Outlook</th>
<th>Progress to Policy Targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Resource Efficiency and Material Use</td>
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<tr>
<td>Waste Management</td>
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<tr>
<td>Greenhouse Gas Emissions and Climate Change Mitigation</td>
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<tr>
<td>Energy Consumption and Fossil Fuel Use</td>
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<tr>
<td>Transport Demand and Related Environmental Impacts</td>
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<tr>
<td>Industrial Pollution to Air, Soil and Water</td>
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<tr>
<td>Water Use and Water Quantity Stress</td>
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</tr>
</tbody>
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Source: EEA SOER 2015 Synthesis report.

[eeaeuropa.eu/soer](http://eeaeuropa.eu/soer)
## Safeguarding from environmental risks to health

<table>
<thead>
<tr>
<th>Category</th>
<th>5–10 year trends</th>
<th>20+ years outlook</th>
<th>Progress to policy targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water pollution and related environmental health risks</td>
<td>Green</td>
<td>Yellow</td>
<td>✓/☐</td>
</tr>
<tr>
<td>Air pollution and related environmental health risks</td>
<td>Yellow</td>
<td>Yellow</td>
<td>☐</td>
</tr>
<tr>
<td>Noise pollution (especially in urban areas)</td>
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<td>n.a.</td>
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<tr>
<td>Urban systems and grey infrastructure</td>
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<td>Yellow</td>
<td>No target</td>
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<tr>
<td>Climate change and related environmental health risks</td>
<td>Red</td>
<td>Red</td>
<td>No target</td>
</tr>
<tr>
<td>Chemicals and related environmental health risks</td>
<td>Red</td>
<td>Yellow</td>
<td>☐/☒</td>
</tr>
</tbody>
</table>

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Estimated world population, 1950-2000, projections to 2050 (UN)

Global drivers
• ESDN report on Peer Learning and 2030 Agenda implementation
  ➞ Provides interesting entry points to the debate

• Should encompass both dimensions:
  ➞ Governance
  ➞ Substance
Prices do not reflect costs

The economic system

Climate Change

Threats to Human Health

- GHG
- Environmental degradation

Impacts

Barriers

- Waste
- Resource depletion
- Lock-in: technology, consumption patterns and business models

Threats to Biodiversity

- Threats to jobs, growth, and welfare

Short term focus

Policy inconsistencies & uncertainties
• Time factor
  ➔ SDGs are progress targets
  ➔ Systems and cultures need time to adapt
  ➔ Peer learning can be a means to adapt more efficiently by building on the experiences of others
Next steps for a sustainable European future

A new approach to ensure Europe's economic growth and social and environmental sustainability beyond the 2020 timeframe, taking into account the Europe 2020 review and the internal and external implementation of the United Nations Sustainable Development Goals.
THANK YOU FOR YOUR ATTENTION