Monitoring the shift to sustainable consumption and production patterns in the context of the SDGs

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New challenges for the statistical systems

- They new SDG goals will be "universal" i.e. relevant to all countries. Also economic, social and environmental objectives are to be balanced to meet human needs indicators.

- More integrated indicators are required for this.

- The Millennium goals were followed up by different UN organisations – now there is a push for more joint action and ownership and more active participation from the countries own data providers.

Targets in the report – multipurpose indicators
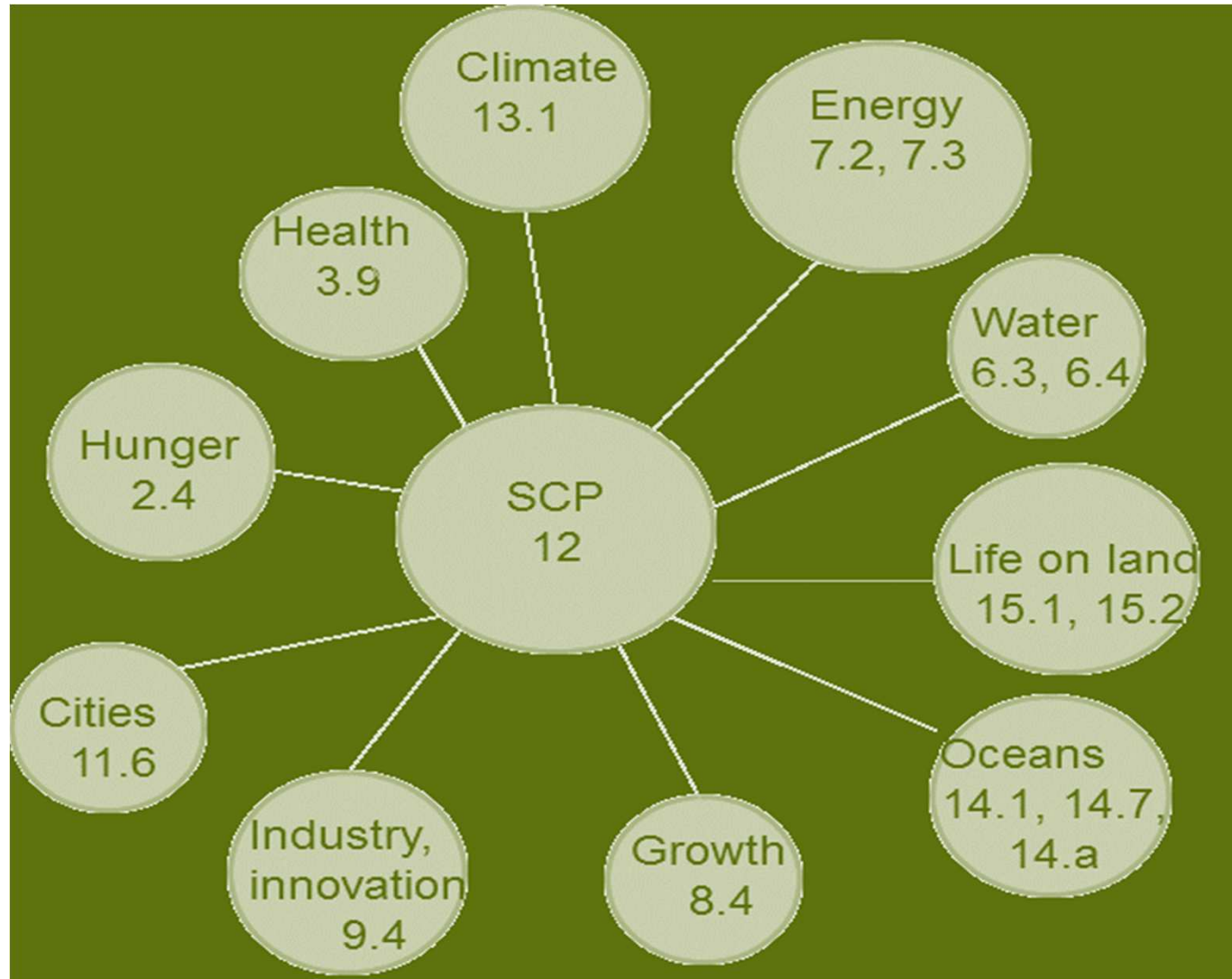
Suggestions of SEEA related datasets to monitor SCP

- Tracking changes in production patterns – natural resource use, pollution and economic outcomes

- Tracking changes in consumption patterns – environmental and natural resource pressure

- Tracking changes in environmental technologies

- Tracking changes in environmental economic instruments

- **Multipurpose indicators for more than one target**

Data sets	Detail possible within SEEA	Additional detail	Targets measured*	Current target in IEAG* *	Potential Data Source for compilation
Tracking changes in production patterns - pollution and economy					
GHG-emissions from the economy	Industries, government, households	Divide by value added/GDP, per capita	8.4, 9.4, 12.2, 13.1	9.4, 12.2	GHG Inventory, energy statistics
Emissions to air (PM2,5)	Industries, government, households	Divide by value added/GDP, per capita or focus on cities	11.2, 11.5, 11.6, 12.2,	11.6 to a certain extent	PRTR or emissions inventories
Emissions to water, e.g. N, P, zinc, lead	Emitted by industry. To recipient (wastewater treatment plant or back to the water system (i.e. surface or groundwater, sea, non-point sources)	Divide by value added/GDP, per capita, type of treatment plants	2.4, 6.3,12.2, 14.1	Not included	PRTR or emissions inventories
Use of chemical products	By industry and households	By toxicity classes	3.9, 12.2, 12.4	Not included	PRTR
Tracking changes in production patterns - natural resources and economy					
Amount of waste generated	By generating industry, by receiving industry	Divide by value added or GDP, Type of treatment plants	3.9, 11.6, 12.2, 12.5,	Part of 11.6, 12.4	PRTR, waste statistics
Material use	By material category, by industry, households	Divide by GDP or per capta, linking it to hazardous materials	8.4, 12.2	8.4, 12.2	Sectoral data and statistics
Energy use	By industry, household, government, by energy source (including renewable sources)	Divide by per capita, value added/GDP or GHG	7.2, 7.3, 8.4, 12.2,	7.2 to a certain extent, 7.3, 7b	Energy statistics, Energy Balances

Capacity building

- Identify the institutional setting in order to build capacity and established funding.

- Identify available key data sources for statistics.

- Connect these statistics.

- Strengthen capacity building related to data collection.

- Use as much as possible existing work on statistics and accounts

- Strengthen the communication with users and experts outside of the statistical offices. The statistics can be complemented by analyses and modelling to answer the needs that have been voiced.

SCB:s international cooperation; guiding principles

- Instruction from Government and follows Swedish development policy and prioritization established by the government.

- Framework agreement with, and funding through Swedish International Development Cooperation Agency, Sida

- Longterm committments, larger institutional projects (5-10 years) focused on capacity development, no quick fixes

- Partnership and collegiality between NSI's, we work together as colleagues in statistics, we do not do the job for our partners

Summary

1. Use the report to see how targets that link environment and economy through SEEA can be monitored with cooperation and capacity building

2. Start a process for creating a more integrated statistical system, which can also help "knit together" the SDGs

3. Show your users what some smart statistics, many of which already exist, can help them to achieve

4. Develop the institutional capacity and cooperation needed for data collection and indicator analysis

Report available at:

www.scpclearinghouse.org/upload/file_management/file/170.pdf