



SDG indicator process and work on energy statistics in UNSD

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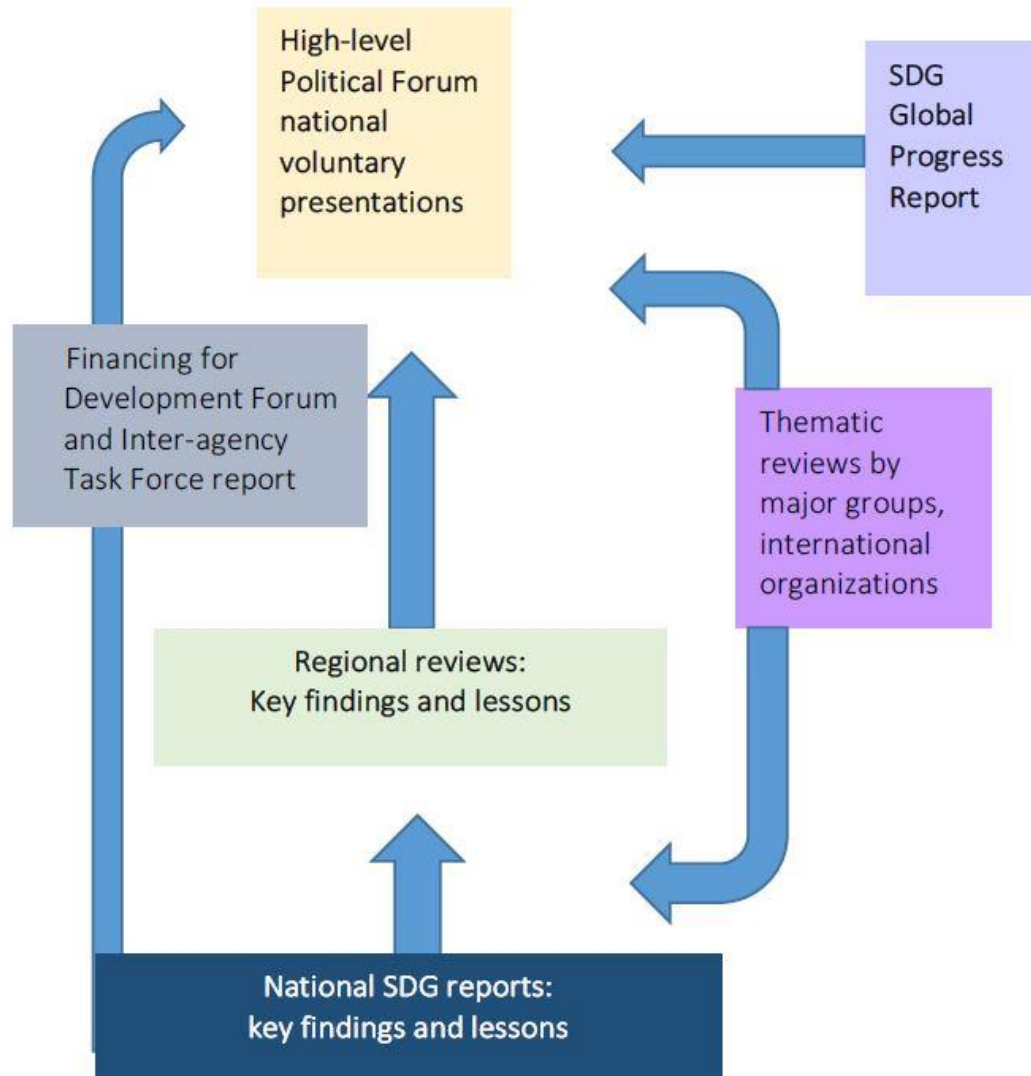
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SDG implementation and review

- Many activities are carried out to review the progress of SDG implementation
 - Processes at national, regional and global level
 - Thematic reviews
- These processes feed into the work of High-Level Political Forum (HLPF) on Sustainable Development
 - The High-level segment / Ministerial Meeting of the HLPF in July 2017 includes e.g. Voluntary national reviews





SDG implementation and review

- These processes follow up and review the implementation of the SDGs
- For this purpose, new indicators can (and will be) defined and used
- However, these processes are not intended to review or change the **list of global SDG indicators** !



Review process for global list of SDG indicators

- The list of global SDG indicators is following a process determined by the United Nations Statistical Commission (UNSC) and requires UNSC approval for changes
- Additional indicators sets can be developed at national, regional, sectoral or other levels
 - but they are not part of the global list



Review process for global list of SDG indicators

- Process is guided by the UNSC; steps have been agreed at UNSC session 2017

UNSC 48 Decision, 48/101:

- (d) ...agreed with the proposed plan for annual refinements of the indicators and the two comprehensive reviews to be presented to the Commission in 2020 and 2025;
- (e) Agreed in principle with the plan for possible additional indicators but, considering the potential additional reporting burden on countries and mindful of the importance of maintaining the stability of the indicator framework, also agreed that it has to be part of the comprehensive review, following a proper, open and transparent process;



List of targets where additional indicators may possibly be desirable

(Report of the IAEG-SDGs to the UNSC48, Annex V, E/CN3/2017/2)

- | | | | |
|-----------|--------------|------------|---------|
| • 1.a | • 4.b | • 10.4 | • 17.6 |
| • 2.2 | • 6.4 | • 10.7 | • 17.8 |
| • 2.a | • 7.1 | • 12.4 | • 17.19 |
| • 3.4 | • 8.5 | • 12.6 | |
| • 3.5 | • 8.7 | • 14.4 | |
| • 3.6 | • 8.9 | • 14.7 (2) | |
| • 3.9 (3) | • 8.10 | • 15.a | |
| • 3.b | • 9.2 | • 16.3 | |
| • 3.c | • 10.2 | • 16.6 | |
| • 4.1 (2) | • 10.3 | • 16.10 | |



Proposed Work Plan for comprehensive reviews including consideration of additional indicators (1)

- IAEG Members will review the current list of 37 possible additional indicators for 33 targets to decide which to include in an open consultation — **by end of 2017**
- IAEG Members will review indicators based on the following:
 - Indicator does not map well to the target;
 - Additional indicator(s) is needed to cover all aspects of the target;
 - New data sources are available;
 - Methodological development of tier III indicator has stalled or has not produced expected results;
 - Indicator is not measuring progress towards meeting the target.

and propose changes and possible deletions — **by fall meeting of 2018**



Proposed Work Plan for comprehensive reviews including consideration of additional indicators (2)

- One or more open consultations on the proposed possible additional indicators will subsequently be launched – **by end of 2018**
- One or more open consultations on the proposed changes and deletions – **by mid-2019**
- IAEG Members will review the results of the consultations, and among proposals that equally address the same issue, IAEG Members may give preference to those proposals with an established methodology and with data available – **by September 2019.**



Additional indicator sets (Recap)

- Additional indicators can be produced by any other entity
 - Could be on national, regional or thematic basis
- The producing entity and its constituents will agree on when, how these indicators will be produced and published
- May be useful and important for thematic reviews
- BUT: They are not part of the global list of indicators!



Energy statistics at UNSD



Energy statistics data collection at UNSD (1)

- Annual data collection of energy statistics
 - database going back to 1950, covering currently 229 active countries and territories
- Compatible with the International Recommendations for Energy Statistics (IRES)
- Products include all primary and secondary fossil fuels, various types of electricity and heat generation, biofuels and wastes
- Flows cover main aspects of supply, transformation, own use and consumption



Energy statistics data collection at UNSD (2)

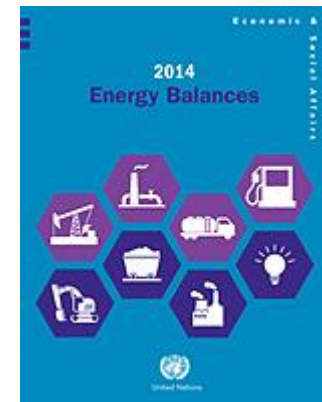
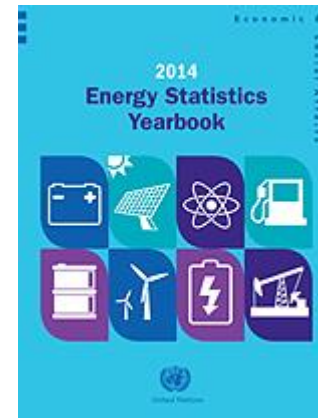
- Information on products (total - 83):
 - coal, peat, coal and peat products, manufactured gases
 - primary and secondary oil products
 - natural gas
 - electricity and heat, by generating source
 - biofuels and waste
- and flows (total - 218):
 - production
 - trade and bunkers
 - stock changes, transfers
 - transformation (by type)
 - own use (by type)
 - consumption (energy and non-energy, and by economic sector)
- Conversion factors (for solid fuels, crude oil, NGLs, wood)



Energy statistics data collection at UNSD (3)

- Current publications:

- Energy Statistics Yearbook
 - 36 tables + graphs
- Energy Balances
 - 218 countries/areas (2014 Ed.)
- Electricity Profiles
 - 228 countries/areas (2014 Ed.)
- Monthly Bulletin of Statistics
- Pocketbook (in preparation for this year)
 - Additional indicators



Energy statistics data collection at UNSD (4)

- Compilation of indicators allows for many options
 - Can involve use of other data sets, e.g. economic statistics, population
- Limitations are usually set by data availability from countries
 - Many desirable indicators require detailed information that many countries do not yet produce
 - E.g. detailed information on energy use (by type of user)



Energy statistics data collection at UNSD (5)

- Compilation of new indicators is possible
- Large amount of data is available
- UNSD is interested in cooperating on new developments



- Further information on UNSD's energy statistics work available at:

<http://unstats.un.org/unsd/energy>

- Further information on SDG indicators available at:

<http://unstats.un.org/sdgs>

