

Expert Forum for producers and users of climate change-related statistics  
Geneva, 3 October 2018

## Session 2B – Set of climate change indicators, *continued*

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## Session 2B – Set of climate change indicators

GENERAL aim of the session: *to present interim results of the TF work concerning TIER II and III indicators*

SPECIFIC aims of SESSION 2B:

- to learn progress achieved by the Task Force on the **revision of TIER II and III indicators** – this presentation
- to hear comments about climate related indicators – presentation by Omar Baddour, WMO
- to **discuss** with all of you our approach to **TIER II and TIER III** indicators

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The Task Force adopts the TIER approach used for SDG indicators:

- Tier 1: Indicator conceptually clear, established methodology and standards available and data regularly produced by countries.
- Tier 2: Indicator conceptually clear, established methodology and standards available but data are not regularly produced by countries.
- Tier 3: Indicator for which there are no established methodology and standards or methodology/standards are being developed/tested.

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## Tier 2 indicators

4	<a href="#">Total support for fossil fuels / GDP</a>
5	<a href="#">Total energy intensity of production activities</a>
6	<a href="#">CO2 intensity of energy for the economy</a>
7	<a href="#">Emission intensity of agricultural commodities</a>
23	<a href="#">Occurrence of extreme weather events</a>
27	<a href="#">Heat-related mortality</a>

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### Tier 3 indicators

3	<a href="#">Losses of land covered by (semi-) natural vegetation</a>	III
15	<a href="#">Carbon footprint</a>	III
19	<a href="#">Cumulative number of alien species (terrestrial, primary producers)</a>	III
20	<a href="#">Carbon stock in soil</a>	III
21	<a href="#">Proportion of land that is degraded over total land area</a>	III
22	<a href="#">Number of deaths and missing persons attributed to hydro-meteorological disasters, per 100,000 population</a>	III
24	<a href="#">Direct economic loss attributed to hydro-meteorological disasters in relation to GDP</a>	III
25	<a href="#">Number of people whose destroyed dwellings were attributed to hydro-meteorological disasters</a>	III
28	<a href="#">Direct agricultural loss attributed to hydro-meteorological disasters</a>	III
30	<a href="#">Share of climate change mitigation expenditure relative to GDP</a>	III
32	<a href="#">Total climate change related subsidies and similar transfers / GDP</a>	III
34	<a href="#">Mobilized amount of USD per year starting in 2020 accountable towards the USD 100 billion commitment</a>	III
35	<a href="#">Share of government adaptation expenditure to GDP</a>	III
36	<a href="#">Change in water use efficiency over time</a>	III
37	<a href="#">Proportion of population living in dwellings with air conditioners or air conditioning</a>	III
38	<a href="#">Progress towards sustainable forest management</a>	III
39	<a href="#">Proportion of agricultural area under productive and sustainable agriculture</a>	III

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### Tier 3 indicators

As far as possible, the Task Force will **identify methodologies** for tier III indicators.

This work will take into account developments related to the operationalization of indicators to monitor the Sustainable Development Goals (SDGs), the Sendai Framework on Disaster Risk Reduction (Sendai Framework), and the Paris Agreement on Climate Change (Paris Agreement). Experiences of individual countries will also be considered if internationally agreed methodologies are not yet available.

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*THANK you for your attention*

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