Climate change and official statistics - UNECE

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UNECE reacts to data needs of global policies

- **COP21 - UNFCCC**
  The Paris Climate Conference towards a legally binding and universal agreement

- **SDGs and SDG13 - UNSD**
  Take urgent action to combat climate change and its impacts

- **Sendai Framework - UNISDR**
  For Disaster Risk Reduction 2015-2030
CES Recommendations on climate change-related statistics

The scope

Practical steps to
• Inform emission inventories – COP
• Inform analysis of climate change
• Improve the readiness to produce these data
Current work strands at UNECE

Steering Group on climate change-related statistics:
• Supports countries in developing these statistics and promotes harmonization and coherence of official statistics and inventory data

Set of climate change-related indicators:
• A Task Force developing key indicators

Statistics for measuring extreme events and disasters:
• A Task Force developing the role of statistical offices
Task Force on a set of key climate change-related indicators and statistics using SEEA

Objective:

• Define an internationally comparable set of key climate change-related (CCR) statistics and indicators

Status of work:

• A first set of key CCR indicators has been identified for each of the 5 areas of the CES recommendations based on the criteria relevance, soundness of methodology and measurability

• Draft list of indicators:
  – Drivers: 5
  – Emissions: 5
  – Impacts: 11
  – Mitigation: 10
  – Adaptation: 10

Of which 12 directly linked to or identical with SDG indicators
Task Force on a set of key climate change-related indicators and statistics using SEEA

Status of work – cont.

• Survey on data availability for proposed set of indicators is in preparation (carried out in June 2016)
• Revision of set of indicators based on survey results
• Final report will include:
  – Metadata sheet for each indicator
  – Link to SDGs, Sendai Framework and other important policy frameworks
  – Methodological clarifications
  – References to SEEA and FDES
  – Recommendations for implementation
  – Overview on data availability
Task Force on measuring extreme events and disasters

Close cooperation with the UN-ESCAP Expert Group on disaster-related statistics

Main Objective:

• Clarify the role of official statistics in disaster management and risk reduction

Status of work

• Survey to NSOs to collect information about users, data needs and existing experiences sent in April (deadline 15 May)

• Contribution to the global process on defining indicators to measure the targets of the Sendai Framework on Disaster Risk Reduction

Draft recommendations available in 2017
Steering Group on climate change-related statistics

Objectives:

• Support countries in implementing the CES Recommendations on Climate Change-Related Statistics.
• Increase collaboration among international organizations
• Organize Expert Forums for statisticians, inventory compilers, environment agencies and international organizations

Current work:

• A narrative to make the case for NSOs’ involvement in measuring climate change-related statistics (Feb 2016)
• Review of countries’ progress and challenges (a survey next summer)
• Road maps to help countries plan action to improve climate information
• A web portal of good practices
Upcoming Event: Expert Forum on Climate Change-related Statistics

Expert Forum on 5-7 October 2016 in Geneva

• Advance the work of data producers with users of climate information and discuss the Task Forces’ work
• In 2015 more than 80 participants from 36 countries and 18 international organizations

Sessions in 2016:

• Outcomes of the COP21 and the Paris Agreement - UNFCCC
• Roadmap and progress in climate change-related statistics - Canada
• Set of climate change indicators and SDGs - Italy
• Strengthening energy statistics for climate change - IEA
• Measurement of disasters and extreme events - Italy