

Country progress in climate change-related statistics

Are countries prepared for data requirements that might arise from the Paris Agreement?

2nd Expert Forum for producers and users of climate change-related statistics
Geneva, 5-7 October 2016

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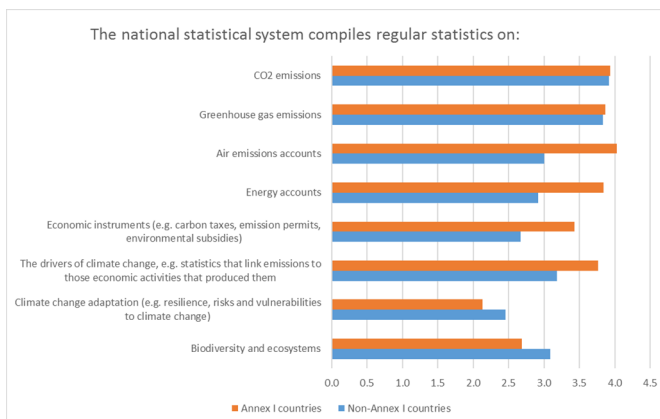
About the surveys

- From NSOs, there were 32 responses from Annex I countries, and 16 from non-Annex I countries
- From GHG inventory institutions, there were 24 responses from Annex I countries and 11 from non-annex I countries
- Some questions were the same in the surveys, but NSOs received a broader set of questions
- For analysing purposes, responses are given a score from 1 (strongly disagree) to 5 (strongly agree)



Areas of climate change-related statistics

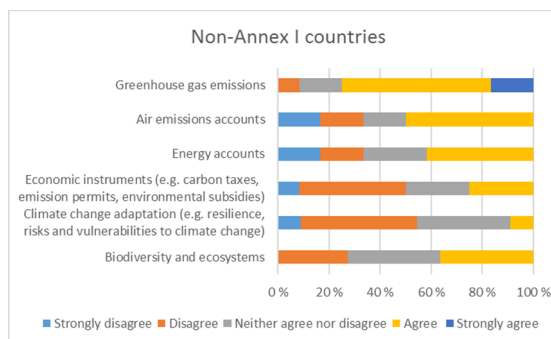
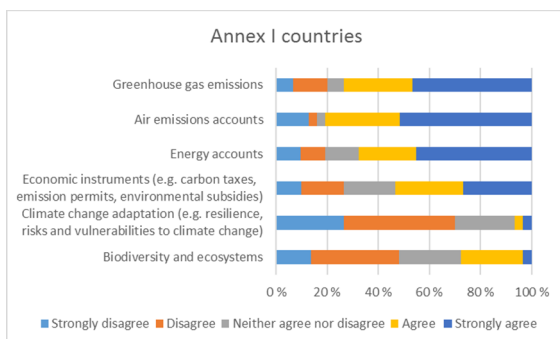
- Annex I and non-Annex I countries produce statistics on CO₂ and GHG emissions
- More Annex I countries have statistics on air emission and energy accounts, economic instruments and the drivers of climate change
- More non-Annex I countries have statistics on climate change adaptation and biodiversity and ecosystems



Responses by NSOs



Statistics on vulnerability/adaptation are scarce

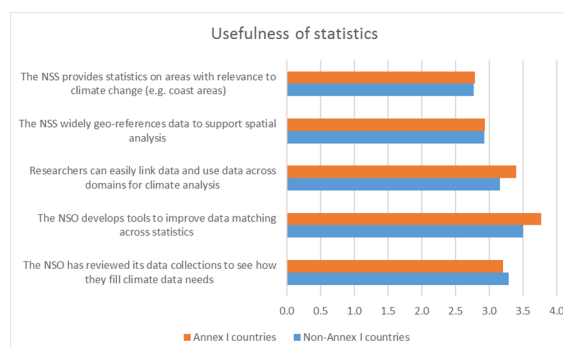


Responses by NSOs



Usefulness of statistics

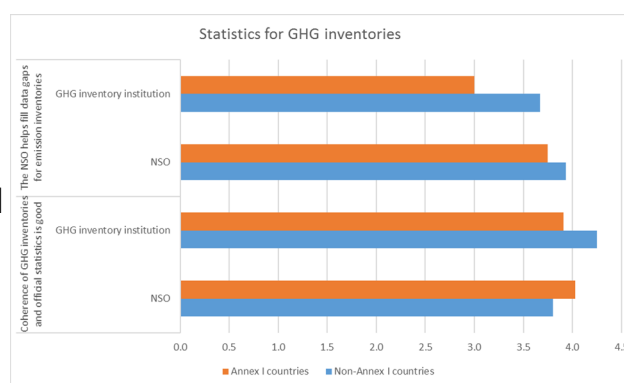
- There are small differences between Annex I and non-Annex I countries responses concerning usefulness of statistics
- NSOs in Annex I countries agree to a slightly larger extent that researchers can easily link data/use data across domains, and that the NSO develops tools to improve data matching



Responses by NSOs

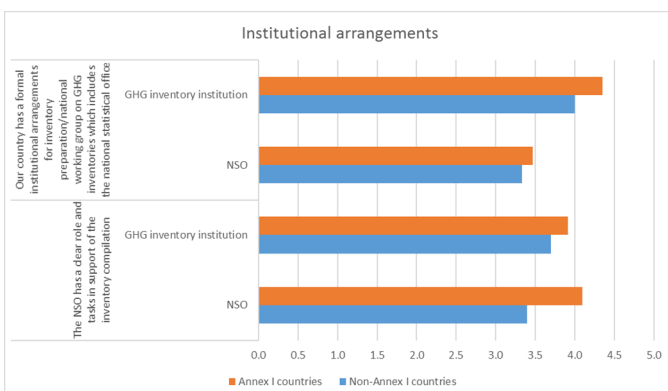
Statistics for GHG inventories

- NSOs in both Annex I and non-Annex I countries find that NSOs help fill data gaps in the inventories
- GHG inventory institutions in Annex I countries are less satisfied that the NSO helps fill data gaps than GHG inventory institutions in non-Annex I countries
- Both NSOs and GHG inventory institutions in Annex I and non-Annex I countries find that coherence between GHG inventories and statistics is good



Responses by NSOs and GHG inventory institutions

Institutional arrangements

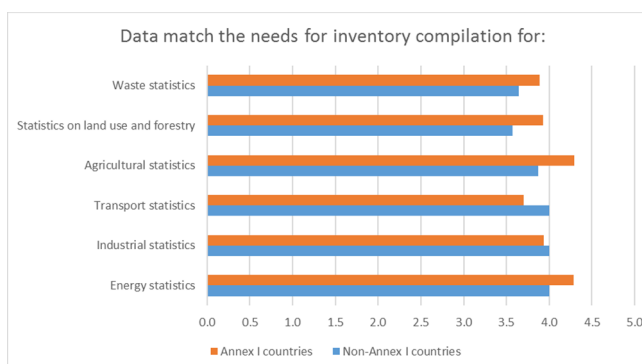


Responses by NSOs and GHG inventory institutions

- Annex I countries to a larger degree agree that institutional arrangements are in place than non-Annex I countries
- GHG inventory institutions are more confident than NSOs that institutional arrangements/working groups are in place
- NSOs from Annex I countries to a larger extent agree that NSOs have a clear role to support inventory compilation than in non-Annex I countries

Statistics for sectoral emission calculations

- Responses are generally positive
- NSOs in Annex I countries agree more than NSOs in non-Annex I countries that data match the needs for inventory compilation for most sectors
- For transport statistics, NSOs in non-Annex I countries to a larger extent find that data match the needs for inventory compilation than Annex I countries



Responses by NSOs



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