

## Review Comments by Experts on First Draft of Overview Chapter of 2019 Refinement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Comment ID	Volume	Chapter	From line	To line	Comment	Expert	Response	Authors note
8768	General	Overview	50	52	I was wondering about the legal bindingness of the refinements, will they be part of the guidelines? Will there be recommendations, or even less that that?	Petra Minnerop	Noted	As clearly explained in Section 1 of Overview Chapter, this report is to refine the 2006 IPCC Guidelines and should be used in conjunction with the 2006 IPCC Guidelines.
8762	General	Overview	50	77	I was wondering about the legal bindingness of the refinements, will they be part of the guidelines? Will there be recommendations, or even less that that?	Petra Minnerop	Noted	As clearly explained in Section 1 of Overview Chapter, this report is to refine the 2006 IPCC Guidelines and should be used in conjunction with the 2006 IPCC Guidelines.
8770	General	Overview	53	77	Just from reading the background and overview part, maybe some additional information could be provided to explain how the refinements will related to the guidelines in legal terms. In addition, how do the then updated guidelines relate to the new guidance that will be developed by the Meeting of the Parties to the Paris Agreement?	Petra Minnerop	Rejected	As clearly explained in Section 1 of Overview Chapter, this report is to refine the 2006 IPCC Guidelines and should be used in conjunction with the 2006 IPCC Guidelines.
8772	General	Overview	78	100	In addition, how will the legal relation between the guidelines and the guidance be defined?	Petra Minnerop	Noted	As clearly explained in Section 1 of Overview Chapter, this report is to refine the 2006 IPCC Guidelines and should be used in conjunction with the 2006 IPCC Guidelines.
2222	General	Overview	109	110	It will be fundamental to get a clear clarification and/or indication which GWP countries should use for estimating GHG emissions. This is a very important topic that needs to address since the beginning. There are many countries that are not clear on what to use and this revision can contribute to clarify. Which are the elements for a country to choose between using AR4 or AR5, that will help? Now many countries developing countries are really struggling with this item therefore good to make it clear in this guidelines. In the 2006 Guidelines section 8.2.2 there was a clear indication to associate with TAR. These guidelines can not leave it open to choose one or another with no orientation.	Rocio Danica Condor Golec	Rejected	As clarified in Section 6 of Overview Chapter, the 2019 Refinement provides methods for estimating emissions (and removals as appropriate) for each gas in mass units. It does not recommend any specific metrics (e.g., GWP values) to calculate emission estimates in CO <sub>2</sub> equivalent units. This is completely consistent with the principle of 2006 IPCC Guidelines. Section 8.2.2 in Vol.1 of 2006 Guidelines explains that gases covered by 2006 Guidelines are those for which GWP values are provided in TAR, but does NOT suggest GWP values in TAR should be used to calculate emissions in CO <sub>2</sub> equivalent units.
8764	General	Overview	132	138	perhaps should be used could be replaced by 'shall be used' to make the language mandatory? Again, the question is, how this will be read in conjunction with the guidance under the Paris Agreement.	Petra Minnerop	Rejected	In principle, the word "shall" is not used in IPCC inventory guidelines in order to avoid being interpreted as policy-prescriptive guidance. This is completely consistent with the 2006 IPCC Guidelines.
2224	General	Overview	139	140	Table 1 - I personally think that the only information needed is the one that informs you on when to use or not the guidelines. Example: the last paragraph is enough: "update"of existing guidance means that they are encouraged... (applicable for update, elaboration and new guidance).	Rocio Danica Condor Golec	Accepted with modification	The explanation of the three key words ("update", "elaboration" and "new guidance") will be modified.

Comment ID	Volume	Chapter	From line	To line	Comment	Expert	Response	Authors note
2226	General	Overview	172	300	Suggest to include here the number of the different chapters after introducing the Volumes. Example: After Volume 1 then Chapter 1. AN INTRODUCTION TO NATIONAL GHG INVENTORIES	Rocio Danica Condor Golec	Accepted with modification	The chapter number relevant to each bullet will be added at the end of each bullet. In addition, explanation of the mapping tables will be improved. The summary of major changes included in the Overview Chapter will be made consistent with the mapping tables in each volume.
2678	General	Overview	195	195	Forest cover: Classifications of percentage of forest cover per unit area (area/area)	Mostafa Jafari	Noted	This issue is adequately covered in Vol.4 (AFOLU) of both 2006 Guidelines and 2019 Refinement, and does not fit into Overview Chapter.
2680	General	Overview	254	254	Forest biomass: Classification of forest biomass per unit area (weight/area)	Mostafa Jafari	Noted	This issue is adequately covered in Vol.4 (AFOLU) of both 2006 Guidelines and 2019 Refinement, and does not fit into Overview Chapter.