
RPG 2021: Review issues related to PaMs and projections

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List of review issues for the session



1. Lack of WOM projection

2. Complementing/overlapping BR and NC reporting elements

3. Units from MBMs included in projections

4. Use of notation keys in CTF table 3 on mitigation actions – specifying the existing approach in RPG



1. How to assess the lack of WOM projection



Reporting requirement(s):

According to the NC reporting guidelines (paras. 28, 29 and 32):

- Parties may provide a “without measures” (WOM) projection;
- WOM projection excludes all policies and measures implemented, adopted or planned;
- Starting point for WOM may be 1995, or an earlier year such as 1990 or another base year, as appropriate.

Review challenge:

How to assess the lack of a WOM projection in BR or NC (in CTF table 6(b) and/or tabular format in textual part of the report)?





1. How to assess the lack of WOM projection

16 out of 30 reviewed Parties did not provide WOM scenario in BR4s.

Parties explained that:

- it may consider preparing WOM projections in the future once it has mitigation impacts estimated for all planned PaMs
- PaMs have different implementation starting points, some going back to 1970s
- it could not justify development and updates of WOM scenario for budgetary reasons
- creating a counterfactual record dating back entails considerable uncertainty
- its approach involves different baseline scenario for each policy or measure and combining those in a single WOM would not offer any added value
- it can choose whether or not to provide WOM projection
- further capacity-building is required to improve its assessment of the impacts of PaMs
- WOM scenario was not reported because of difficulties in constructing such a scenario given its long history of climate policy and it has no plans to develop a WOM scenario in the future



1. How to assess the lack of WOM projection



Suggested approach:

The following cases could occur:

- a) Party did not provide WOM projection in CTF table 6(b) and/or in tabular format in the textual part of the BR or NC. Also, Party did not provide any explanation for not preparing WOM projection in the textual part of the BR or NC or during the review. This is a completeness issue that leads to an encouragement.
- b) Party did not provide WOM projection in CTF table 6(b) and/or in tabular format in the textual part of the BR or NC and:
 - i. Party provided an explanation in the textual part of the BR or NC that the ERT finds inadequate, or;
 - ii. Party provided an explanation for not preparing WOM projections during the review.These are transparency issues that lead to an encouragement.



1. How to assess the lack of WOM projection



Suggested approach (cont.):

- c) Party did not provide WOM projection in CTF table 6(b) and/or in tabular format in the textual part of the BR or NC but explained the reasons for not preparing WOM projection which the ERT considers adequate (e.g., technical difficulties in developing such scenario, high uncertainties associated with WOM scenario, different implementation starting points for PaMs). This case should not lead to an encouragement. The ERT should take note in the TRRs/BRs or IDRs/NCs on the Party's explanation for not providing the WOM projection.



2. How to formulate findings in case of complementing/overlapping BR and NC reporting elements



Reporting requirement(s):

- According to para. 12 of the BR reporting guidelines, Parties should report on the changes since its most recent national communication in the **model** or **methodologies** used for the preparation of projections and should provide supporting documentation.
- According to para. 45 of the NC reporting guidelines, Parties should report the main differences in **assumptions**, **methods** employed and **results** between the projections reported in the current national communication and those reported in previous national communications.

Review challenge:

How should the ERT formulate its findings in the TRR in case of complementing/overlapping reporting elements stipulated by para. 12 in the BR reporting guidelines and para. 45 in the NC reporting guidelines?

Specifically, should the ERT consider these reporting elements jointly and provide a single encouragement?



2. How to formulate findings in case of complementing/overlapping BR and NC reporting elements



Cases from TRR3.s (NC+BR) and TRR.4s (only BR):

- Most Parties received one encouragement based on para. 45 from NC GL;
- Some Parties received two encouragements covering both para. 12 (BR GL) and para. 45 (NC GL);
- Some Parties received one encouragement based on para. 12 from BR GL.

Suggested approach:

While reviewing BRs, the ERTs should check whether all reporting elements stipulated by paragraph 12 of the BR reporting guidelines and paragraph 45 of the NC reporting guidelines were provided and formulate a single encouragement in TRRs covering those missing and/or not adequately explained reporting elements with a reference to both paragraphs in the TRR's assessment table.

An encouragement should not be raised in case the Party reported that there are no changes or differences in models, methodologies, methods, etc. in comparison to the previous NC, and the ERT checked and confirmed that this is the case during the review.



3. How to assess expected use of units from MBMs that are included in projections



Reporting requirement(s):

According to the NC reporting guidelines (paras. 28, 29, 34 and 35):

- Parties shall report WEM and may report WOM, WAM projections;
- WEM projections encompass implemented and adopted PaMs, WOM excludes all PaMs, WEM includes also encompass planned PaMs;
- Projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section;
- Projections shall be presented on a gas-by-gas basis for the following greenhouse gases: CO₂, CH₄, N₂O, PFCs, HFCs and SF₆.

Review challenge:

How should the ERT assess expected use of units from MBMs that are included in GHG emission projections?



3. How to assess expected use of units from MBMs that are included in projections



Case from BR4-CTF table 6 (Canada)

Information on updated greenhouse gas projections under a 'with additional measures' scenario^a

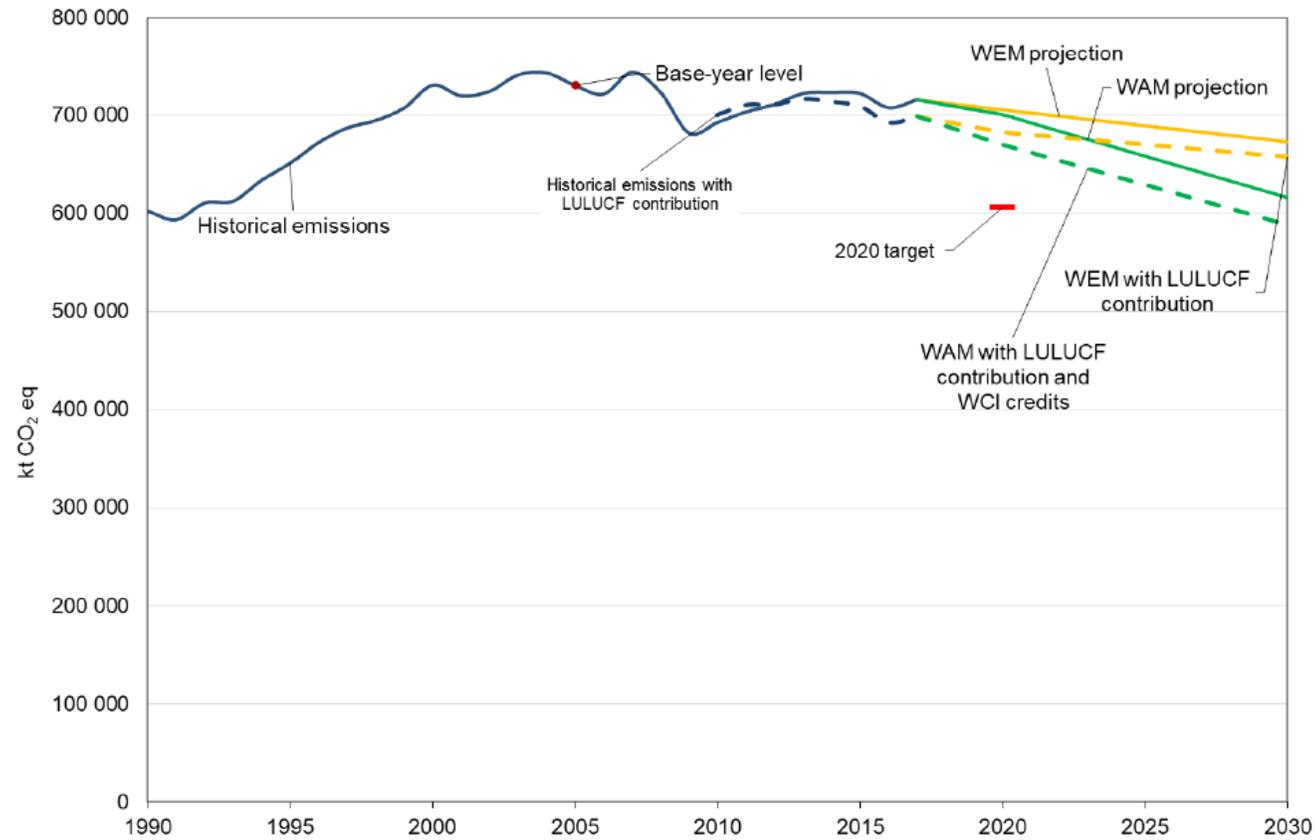
Sector ^{d,e}	GHG emissions and removals ^b								GHG emission projections	
	(kt CO ₂ eq)									
	Base year (2005)	1990	1995	2000	2005	2010	2015	2017	2020	2030
Energy	403,000.00	333,000.00	360,000.00	422,000.00	403,000.00	372,000.00	390,000.00	382,000.00	365,000.00	307,000.00
Transport	192,000.00	146,000.00	159,000.00	179,000.00	192,000.00	197,000.00	202,000.00	201,000.00	199,000.00	167,000.00
Industry/industrial processes	56,000.00	57,000.00	58,000.00	53,000.00	56,000.00	51,000.00	53,000.00	54,000.00	57,000.00	60,000.00
Agriculture	60,000.00	47,000.00	54,000.00	57,000.00	60,000.00	55,000.00	58,000.00	60,000.00	62,000.00	63,000.00
Forestry/LULUCF (1)	-21,000.00	-68,000.00	-49,000.00	-42,000.00	-21,000.00	-32,000.00	-25,000.00	-24,000.00	-22,000.00	-10,000.00
Waste management/waste	20,000.00	19,000.00	20,000.00	20,000.00	20,000.00	18,000.00	19,000.00	19,000.00	19,000.00	19,000.00
Other (specify)						7,500.00	-12,800.00	-17,500.00	-31,000.00	-28,000.00
LULUCF Contribution						7,500.00	-12,800.00	-17,500.00	-23,000.00	-15,000.00
Projected purchases of international allowances under the Western Climate Initiative									-8,000.00	-13,000.00
Gas										
CO ₂ emissions including net CO ₂ from LULUCF (3)	554,000.00	393,000.00	443,000.00	528,000.00	554,000.00	523,000.00	551,000.00	547,000.00	532,000.00	475,000.00
CO ₂ emissions excluding net CO ₂ from LULUCF	577,000.00	463,000.00	494,000.00	572,000.00	577,000.00	556,000.00	577,000.00	571,000.00	555,000.00	486,000.00
CH ₄ emissions including CH ₄ from LULUCF (4)	107,000.00	90,000.00	107,000.00	114,000.00	107,000.00	93,000.00	97,000.00	93,000.00	93,000.00	79,000.00
CH ₄ emissions excluding CH ₄ from LULUCF	106,000.00	89,000.00	106,000.00	113,000.00	106,000.00	93,000.00	96,000.00	93,000.00	92,000.00	79,000.00
N ₂ O emissions including N ₂ O from LULUCF (5)	38,000.00	39,000.00	42,000.00	36,000.00	38,000.00	34,000.00	37,000.00	38,000.00	39,000.00	40,000.00
N ₂ O emissions excluding N ₂ O from LULUCF	37,000.00	39,000.00	41,000.00	36,000.00	37,000.00	33,000.00	37,000.00	38,000.00	39,000.00	40,000.00
HFCs	5,100.00	1,000.00	500.00	2,800.00	5,100.00	7,800.00	11,000.00	12,600.00	13,900.00	10,400.00
PFCs	3,800.00	7,600.00	6,300.00	5,000.00	3,800.00	1,900.00	1,000.00	700.00	500.00	400.00
SF ₆	1,400.00	3,200.00	2,300.00	2,900.00	1,400.00	500.00	500.00	400.00	100.00	100.00
NF ₃	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other (specify)						7,500.00	-12,800.00	-17,500.00	-31,000.00	-28,000.00
LULUCF Contribution						7,500.00	-12,800.00	-17,500.00	-23,000.00	-15,000.00
Projected purchases of international allowances under the Western Climate Initiative									-8,000.00	-13,000.00
Total with LULUCF⁽²⁾	730,300.00*	602,800.00*	650,100.00*	731,700.00*	730,300.00*	699,700.00*	709,700.00*	698,200.00*	669,500.00*	587,900.00*
Total without LULUCF	730,300.00	602,800.00	650,100.00	731,700.00	730,300.00	692,200.00*	722,500.00*	715,700.00*	692,500.00*	602,900.00*



3. How to assess expected use of units from MBMs that are included in projections



Projections graph from TRR4 (Canada)



3. How to assess expected use of units from MBMs that are included in projections



Suggested approach:

In case Party includes information on expected use of units from MBMs in GHG emission projections as a separate item (e.g. under category Other) in CTF table 6 and/or in tabular format in the textual part of the BR or NC, the ERT should determine whether this amount was included in projections' totals.

If this is the case, the ERT should:

- (i) recommend Party to improve the transparency of reporting on GHG emission projections by excluding amount of expected use of units from MBMs from projection's totals in CTF table (6) and/or in tabular format in the textual part of the BR or NC and
- (ii) technically assess the results of projections in TRRs/BRs or IDRs/NCs by excluding expected use of MBM units from GHG emission projections' totals.



4. Use of notation key “IE” in CTF table 3 on mitigation actions - specifying the current approach in RPG



How should the ERT formulate its findings when the estimate of mitigation impact is not reported in CTF table 3? (page 20 in RPG 2020)

Current text in the RPG 2020:

Case (c): Notation keys or the value “0” are reported in CTF table 3, but the Party did not provide an adequate explanation or justification for its use in the custom footnote to CTF table 3 or in the textual part of the BR. This is a transparency issue that leads to a recommendation.

Proposal for the amendment in the RPG 2021:

Case (c): Notation keys, *i.e.* “NE”, “IE”, or the value “0” are reported in CTF table 3 **for individual mitigation actions**, but the Party did not provide an adequate explanation or justification for its use **(e.g. in case of “NE” reasons for not estimating mitigation impact or in case of “IE” clear linkage with another individual mitigation action or a group of mitigation actions)** in the **relevant cell and/or** custom footnote to CTF table 3 or in the textual part of the BR. This is a transparency issue that leads to a recommendation.



Thank you!



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