

Accounting for multi-metric ITMOs

Luca Lo Re (IEA)

Based on: "GHG or not GHG: Accounting for Diverse Mitigation Contributions in the Post-2020 Climate Framework", C. Hood, G. Briner, M. Rocha (2014)

"Accounting for mitigation targets in Nationally Determined Contributions under the Paris Agreement", C. Hood, C. Soo (2017)

"Accounting for baseline targets in NDCs: Issues and options for guidance, M. Vaidyula and C. Hood (2018)

"Reporting progress towards Nationally Determined Contributions: exploring possible common tabular formats for the structured summary", M. Rocha and J. Ellis (2020)

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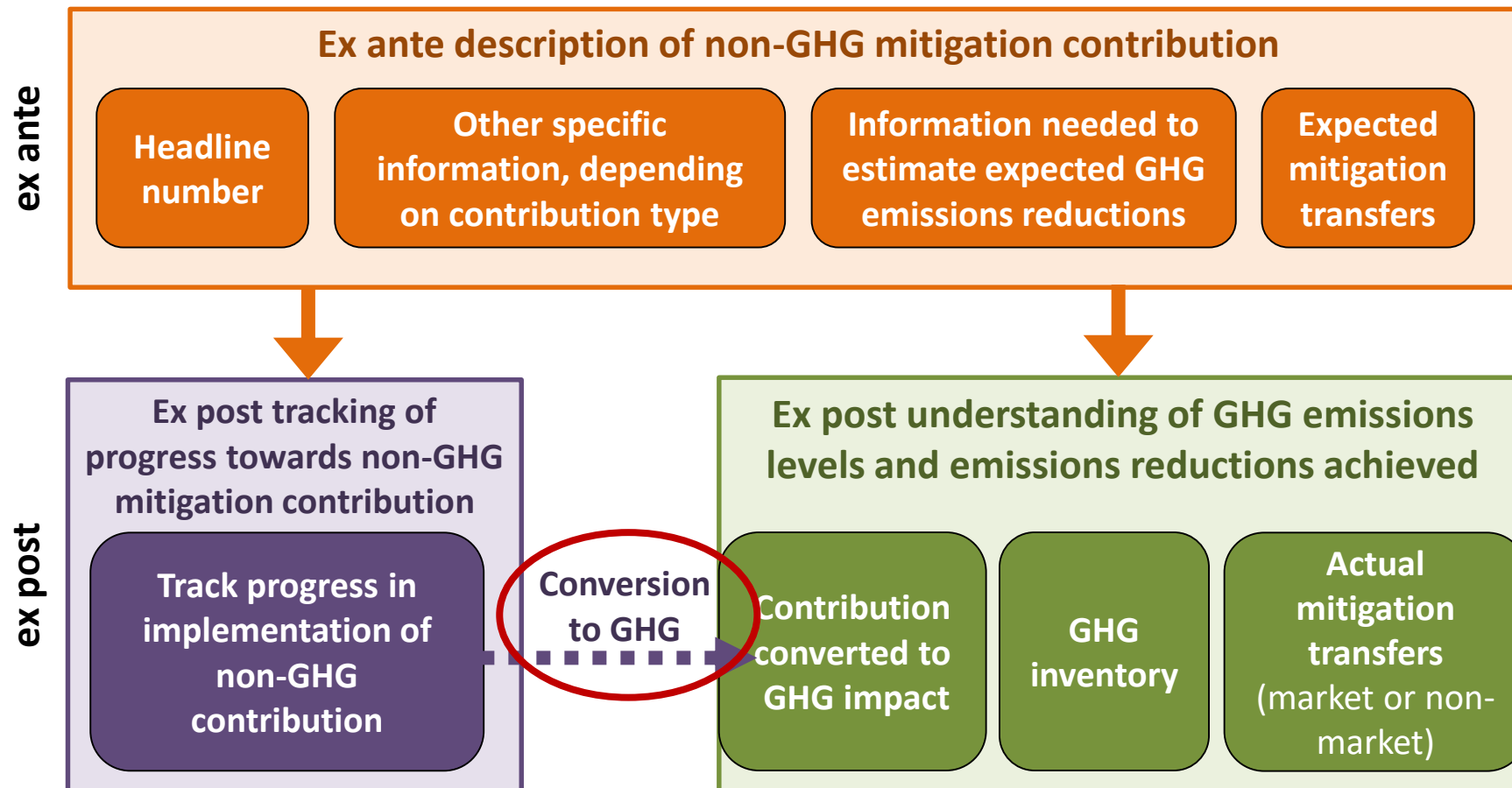
Diversity of mitigation targets in NDCs

	Economy-wide coverage	Less than economy-wide coverage (in terms of sectors or gases)
Target quantified in absolute GHG terms ex ante (before implementation)	Type A: Economy-wide absolute emission reduction targets (tCO ₂ -eq) including achievement of carbon neutrality	Type B: Non-economy-wide absolute emission reduction targets (tCO ₂ -eq)
Target can be quantified in absolute GHG terms ex-post (and estimated ex-ante)	Type D: Economy-wide goals to reduce emissions relative to a BAU baseline (tCO ₂ -eq) Type F: Emissions intensity goals (kgCO ₂ -eq per unit of GDP); Emissions per capita goals (tCO ₂ -eq per cap)	Type E: Sector-specific goals relative to a BAU baseline (tCO ₂ -eq)
Target quantified in a non-GHG metric		Type G: Various non-GHG goals, including for non-fossil or renewable energy, energy efficiency, forest cover, etc.
Targets that would require other indicators of progress/achievement	Type C: Peaking emissions in a given year (limited sectors or gases)	Type H: Implementation of qualitative policies and measures, creation of institutions etc.
Non quantified goal	Type I: No measurable goals	

Note: The red rectangle denotes the most common NDC types expressed by Parties

Hood and Soo (2017)

Accounting for non-GHG contributions



Hood, Briner, Rocha (2014)

Examples of technical issues

- If ITMOs in non-GHG metrics are allowed:
 - Relation metric ITMOs <-> metric NDC goals?
 - How to apply a corresponding adjustment? (“how can double counting be addressed in the case where a Party does not have a GHG NDC target, rather an NDC expressed in non-GHG metrics or for specific policies and measures?”)
 - Methods for conversion between metrics?
 - *Where* is any conversion carried out?
 - What information to report? (e.g. “any use of pre-2020 units vs use of post-2020 units, any use of units from inside vs outside the NDC scope, and any use of ITMOs measured in different metrics”)

THANKS!

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