



GHG mitigation actions: MRV issues and options

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Annex I Expert Group
on the UNFCCC

Outline

- **Context**
- **Where are we now?**
 - ◆ **MRV-related guidance & experience**
 - ◆ **Clarity on MRV language**
- **Options for future MRV provisions**
- **Where could new guidance be needed?**

Context

- **Different types of GHG action/ commitment possible post-2012**
 - ◆ **QELROs**
 - ◆ **Other national GHG-related targets**
 - ◆ **Sectoral**
 - ◆ **CDM/other crediting**
 - ◆ **PAMs/NAMAs**
- **Different reasons to MRV**
- **Need roadmap!**



Guidance/experience on quantifying

- **QELROs**
 - ◆ **International guidance (IPCC)**
 - ◆ **Considerable AI experience**
- **Other national GHG-related targets**
 - ◆ **Limited experience (AI and NAI)**
- **Sectoral GHG emissions**
 - ◆ **EC-level guidance, some sector-specific**
- **CDM/other crediting**
 - ◆ **Varies by project type, NAI country**
- **PAMs/NAMAs – experience varies**

Where are we?

- **Guidance on MRV in the Bali Action Plan**



Where are we?

- **Need more clarity :**
 - ◆ **What are M, R, V? (Definitions)**
 - ◆ **What actions to M,R,V?**
 - ◆ **When? By whom?**
 - ◆ **How to M, R, V?**
 - ◆ **What metrics to use (input, intermediate output, GHG outcome)?**

Options for future MRV provisions

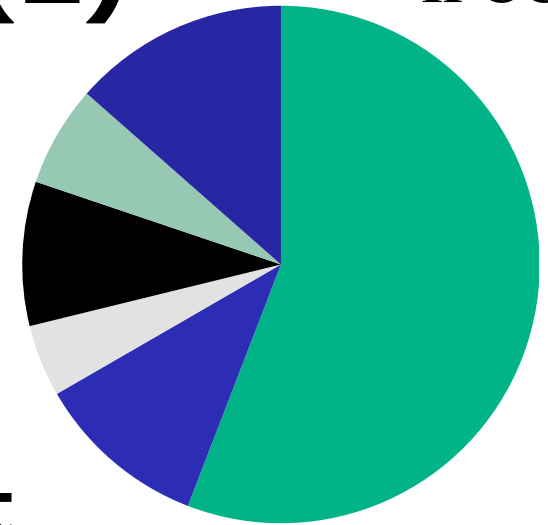


Vary according to **aim** of MRV provision, e.g.

- 1. Quantifying emission levels**
- 2. Quantifying emission *reductions***
- 3. Identifying country actions**
- 4. Identifying mitigation potential**
 - ◆ *E.g. need baseline for option 2, but not 1*
 - ◆ *Option 3 could be qualitative*

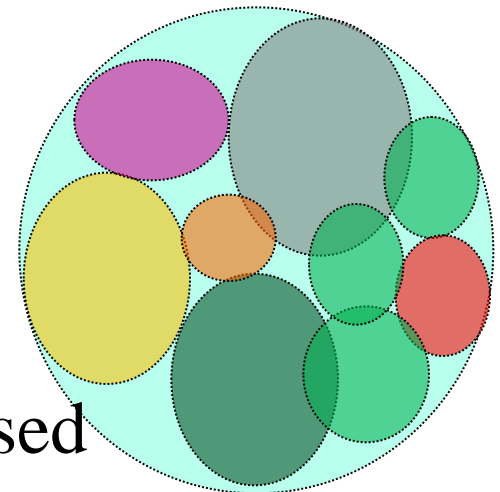
Options ... (2)

IPCC



Vary according to scope of action/commitment

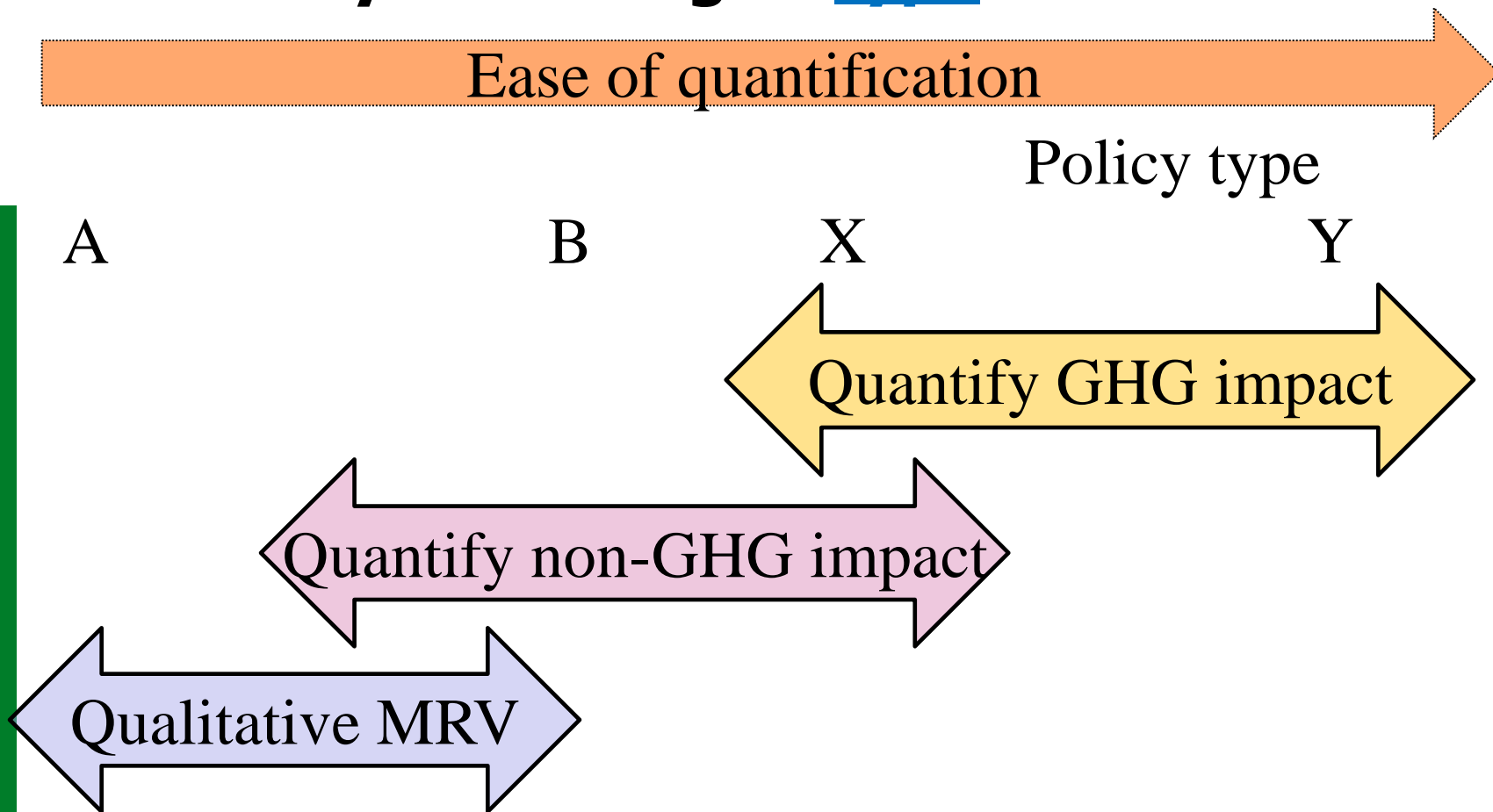
- National, sectoral, policy/programme, project
- Quantifying emissions (or emission reductions) at sectoral level may need new guidance*



Sector-based

Options for future MRV provisions (3)

Could vary according to type of action



Options for future MRV provisions (4)

Vary according to form of MRV agreement

- **M: General guidelines, detailed rules, and/or best practices?**
- **R: General guidelines or common reporting format?**
- **V: Verification process, or more details on who verifies (3rd party, intl?), how, and consequences (or not)**
- **General: Should M, R, V provisions vary if binding/non-binding, if supported?**

Need for new guidance? (1)

- **QELROs/Natl em levels – *some changes needed***
 - ◆ **M: depends on definition of “measurable” vs “monitoring”, methods (NAI)**
 - ◆ **R: frequency may need to change (NAI)**
 - ◆ **V: Depending on action types and incentives (e.g. trading), V may be needed also for NAI**
- **Other national GHG-related targets - *yes***

Need for new guidance? (2)

- **Sectoral emissions - *yes***
 - ◆ **M & R: boundary issues, compatibility with IPCC, frequency (NAI)**
 - ◆ **V: increased need (NAI) if links to C market**
- **CDM/other crediting**
 - ◆ **CDM: scope of current MRV provisions gradually expanding**
 - ◆ **Other crediting – yes (may overlap with sectoral MRV provisions)**

Need for new guidance (3)

- **PAMs/NAMAs – *yes, especially if post-2012 actions focus on these***
 - ◆ **M: may need guidance on how to quantify/what metrics**
 - ◆ **R: how and when to report (esp. NAI)**
 - ◆ **V: depends on scope of other actions/commitments, links to C market**

Conclusions

- **Post-2012 MRV provisions could build on existing guidance (esp. M and R)**
- **Current focus is on QELROs, CDM**
 - ◆ **Should post-2012 MRV focus on quantified actions, GHG metrics ?**
- **Form follows function ... so need internat. direction on aim, scope, type of action/support , form of agreement wanted**
- **If current focus changes (i.e. move to quantify actions, sectoral emissions) would need new guidance, capacity**



For more information, see

“Measurement, reporting and verification of mitigation actions and commitments”,

<http://www.oecd.org/dataoecd/53/57/41762333.pdf>

“GHG mitigation actions: MRV issues and options”

www.oecd.org/env/cc/aixg

AIXG prepares analysis on issues relevant to the negotiations.

Papers can be downloaded from

www.oecd.org/env/cc/aixg





Thank you!

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