



GHG inventory reporting under the EU Gov. Reg. adapted to the Energy Community and links to the Paris Agreement reporting

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Legal requirements for national GHG inventories and inventory systems

- Decision of the Ministerial Council of the Energy Community [D/2021/14/MC_EnC] adapted from:
 - Regulation (EU) 2018/1999: Governance of the Energy Union and climate action
 - Implementing Regulation (EU) 2020/1208: Structure, format and submission process
 - Delegated Regulation (EU) 2020/1044: GWP, inventory guidelines and Union inventory system



GHG inventory reporting under article 26(3) of the EU Governance Regulation and links to the Paris Agreement

- **Consistency with international reporting requirements under the Paris Agreement**
 - ✓ Same GHG inventory guidelines
 - ✓ Same IPCC global warming potentials
 - ✓ Same methodological guidance to estimate emissions and removals
- **The Delegated Act to the Governance Regulation is explicit in articles 2 and 3**



GHG inventory reporting: main documents and tools to be aware of and use (Governance & Paris Agreement)

- What to report: Decision 18/CMA.1 (MPGs, Katowice)
- How to report:
 - Common reporting tables (CRTs) + UNFCCC reporting tool - 5/CMA.3
 - National inventory document (NID) - 5/CMA.3
- How to estimate emissions and removals: IPCC 2006 Guidelines and its 2019 refinement – 5/CMA.3



Timelines for reporting under the EU Governance and the Paris Agreement

- EU Governance submission deadlines: 15/01/2025 (draft inventories) & 15/03/2025 (final inventories)
- EEA carries out QA/QC initial checks on draft inventory submissions between 15/01 and 28/02
- Frequency Energy Community: Ukraine (annual); Albania, Bosnia and Herzegovina, Kosovo (UNSCR 1244), North Macedonia, Georgia, Moldova, Montenegro, Serbia (biennial)
- MPGs:

3. *Decides* that Parties shall submit their first biennial transparency report and national inventory report, if submitted as a stand-alone report, in accordance with the modalities, procedures and guidelines, at the latest by 31 December 2024;

Additional reporting: GHG inventory Annexes (Implementing Regulation)

- For EU MS, Annexes facilitate the QA/QC of submissions to the EU and the preparation of the Union inventory
- Three submission types: separate, part of NID and conditional
 - reasons for recalculations (art.9)
 - implementation of review recommendations (art.10)
 - methodological descriptions (art.11)
 - uncertainty analysis (art.12.1)
 - assessment of completeness (art.12.2)
 - reporting on indicators (art.13)
 - consistency with 'EC information' (art.14 on EU ETS, **adapted**)
 - consistency with air pollutants (art.15 **deleted**)
 - consistency with fluorinated gases (art.16)
 - consistency with energy statistics (art.17)
 - changes to national systems and registries (art.18)



MPG key principles relevant to GHG inventories

- ✓ To improve reporting over time
- ✓ To promote transparency, accuracy, consistency, comparability & completeness (TACCC)
- ✓ To provide **flexibility** to developing country Parties that need it in light of their capacities

Reporting elements	'Shall' provision in MPGs	Flexibilities applicable
Key category analysis	95% threshold	85% to 95% threshold
Uncertainty assessment	Quantitative and qualitative for all categories	At least qualitative for key categories
Insignificance threshold	'NE' if lower than 0.05% of NT and 500Kt of CO ₂ e	'NE' if lower than 0.1% of NT and 1000Kt of CO ₂ e
QA/QC	Develop QA/QC Plan	Encouraged to develop
QA/QC	Implement general QC procedures	Encouraged to implement
Greenhouse gases	CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ and NF ₃	CO ₂ , CH ₄ , N ₂ O. Other if in NDC or reported before
Time series	T-2 timeliness	T-3 timeliness
Time series (can be challenging)	Annually between 1990 and t-2	Reference year for NDC, and annually from 2020 to t-3

National inventory systems (NIS) under article 37 of the EU Governance Regulation

- Broadly consistent with MPGs but focus on establishment and not reporting
 - By 1/1/2023, establish, operate and continuously improve NIS to estimate emissions and removals to ensure the TACCC of the GHG inventory
 - Ensure that the national competent inventory authorities have access to the necessary information to prepare and report the GHG inventory
 - Ensure sufficient capacity for the timely performance of GHG inventory functions, including data collection and the technical competence of staff involved



GHG inventory reviews under the Paris Agreement

The technical expert review consists of:

- A review of the consistency of the info submitted by the Party with the MPGs, including flexibilities
- Identification of areas of improvement
- Assistance in identifying capacity-building needs

The technical expert review:

- Shall not review Party's self determination of flexibility, time frames, or whether they have the capacity
- Will avoid placing undue burden on (all) Parties
- Shall pay particular attention to national capabilities and circumstances of developing country Parties

First meeting of the BTR lead reviewers,
23-24 April 2024



Credit: Yali Wang, UNFCCC Secretariat



Thank you!

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