EU MS reporting on GHG policies and measures and national systems

9th Energy and Climate Technical Working Group

EEA | 07/04/2022 | Webex
MS shall translate **EU key measures** into national policies

Under the climate legislation (MMR/Governance), countries have:
- Communicated information on **more than 2 200 national GHG policies and measures**
- **Improved the quality** of reported information over time
- **Learned from each other and build national capacity** on policy reporting and evaluation

Policy impacts **shall be integrated** in GHG projections

**Similar challenges for EU MS** (resources, data, governance, inter-ministerial communication, policy effects, etc.)

Importance of **robust national system**
Union system - EEA clear responsibilities (QA/QC & dissemination)

EU Member States
Plan, prepare and report national GHG projections and greenhouse gas policies and measures to European Commission and EEA

European Environment Agency (EEA) with the European Topic Centre on Climate change Mitigation (ETC CM)
Implementation of QA/QC on Member States’ submissions
Preparation of EU projections
Maintenance of database on national policies and measures

The 3 pillars of a robust EU monitoring, reporting and verification system for policies and measures and projections:

1. Legal reporting basis, fully consistent with the requirements of the UNFCCC (EU 2018/1999)
2. Institutional basis: Union System for policies and measures and projections and QA/QC programme (*update in progress)
3. Effective cooperation between the EU and Member States via Working group II of the Climate Change Committee “Implementation of the Effort Sharing Decision, Policies and measures and Projections”
Decision of the Ministerial Council of the Energy Community [D/2021/14/MC_EnC ] adapted:

- Regulation (EU) 2018/1999: Governance of the Energy Union and Climate Action
  - National GHG PaMs (Art 18(1)(a), Annex VI)
  - National systems (Art 39, Annex VI)

- Implementing Regulation (EU) 2020/1208: structure, format and submission process
  - National GHG PaMs (Art 37, Annex XXIV)
  - National systems (Art 36, Annex XXIII)
What shall be reported on GHG policies and measures?

- Detailed information on policies and measures (**PaM webform**)
  - General information: objective, description, type, status, etc; *(Table 1)*
  - Where available (strongly encouraged)
    - indicators used to monitor and evaluate progress over time; *(Table 1)*
    - results of ex-ante and ex-post assessments, *(Table 2)*
    - available estimates of projected and realized costs and benefits of PaMs; *(Table 3)*
  - all existing references to the assessments of effects or costs
- **Technical report** (Word, pdf) with any additional information, e.g. methods, assumptions, definitions, links between PaMs - projections
**When – 2022 timeline - GHG policies and measures**

15/03 - reporting deadline

PaM database and viewer updated

Information feeding to other tasks, products and processes, e.g.
- Updated dissemination tools (database, viewer(s))
- EEA briefing ‘Progress and prospects for decarbonisation in the agrifoods sector’
- Analysis of waste policies and measures
- Webinars on policy evaluation
- EU 5BR/8NC (EEA/ETC-CM/EC)

Quality checking and communication

EEA /ETC CM + MS
(4 organisations-6 experts)

Preparation of dataflow
EEA + ETC

Preparation of MS submission on PaMs


Preparation of MS submission on PaMs
PaMs page on the Eionet portal
(https://www.eionet.europa.eu/reportnet/docs/govreg/policies-and-measures)
Guidelines document and YouTube channel
(https://www.youtube.com/playlist?list=PL1_QSyumTz7BDCar7q2ZmvKvc-15Q5RVr)
How – via Reportnet 3, Reporting window for GHG policies and measures

Information on national GHG policies and measures to be provided via the Webform (or Excel upload)

Technical report in pdf/word to be uploaded here

Reporters: 1-2 Lead + X supporting
GHG PaM webform – 3 tables as in the Implementing Regulation

Webform for reporting on greenhouse gas policies and measures under the Governance Regulation (EU2018/1999)

<table>
<thead>
<tr>
<th>Actions</th>
<th>Validations</th>
<th>PaM Number</th>
<th>Name of PaM or group of PaMs</th>
<th>Name of PaM or group of PaMs in national language</th>
<th>PaM or group of PaMs</th>
<th>Which policies or measures does it cover?</th>
<th>Short description</th>
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Table 1: Sectors and gases for reporting on policies and measures and groups of measures, and type of policy instrument

Table 2: Available results of ex-ante and ex-post assessments of the effects of individual or groups of policies and measures on mitigation of climate change

Table 3: Available projected and realised costs and benefits of individual or groups of policies and measures on mitigation of climate change
PaM webform at a glance (1/3)

Detailed information on policy to be provided
Effects of policy to be provided, if available
### PaM webform at a glance (3/3)

Detailed information on policy to be provided, if available.

#### Effects of policy to be provided, if available

- Cost and benefits of policy to be provided, if available.

#### Table 3: Available projected and realised costs and benefits of individual or groups of policies and measures on mitigation of climate change

| Table 3: Available projected and realised costs and benefits of individual or groups of policies and measures on mitigation of climate change |
|---|---|
| **Projected costs and benefits** | |
| **Year(s) for which cost has been calculated** | 2000 |
| **Cost** | Gross costs in EUR per tonne CO2eq reduced/removed |
| | EU ETS |
| | 250 |
| **Benefits** | Benefits in EUR per tonne CO2eq reduced/removed |
| | EU ETS |
| | 300 |
| **Absolute gross cost per year in EUR** | 12730000 |
| **Absolute benefit per year in EUR** | 907357000 |
A comprehensive database on national policies and measures

- Keeps track of actions at national level
- Facilitates sharing of good practices
- Provides overview
- Complements other sources

http://pam.apps.eea.europa.eu/
Interactive viewers allows to explore PaM information (EEA website, CE website)
MS shall operate and seek to continuously improve national systems for PaMs and projections

- Description of both parts: projections and policies and measures
- To ensure TTACCC * of reported information
- Clarifies and formalizes roles and responsibilities of different actors
- Relevant for national policy making & policy evaluation
- Required information is structured
  - First year - a full description and all elements
  - After that - only changes

* Timeliness, transparency, accuracy, consistency, comparability, completeness
What shall be reported on national systems

Both parts: projections but also policies and measures to be addressed

- Entities with overall responsibility;
- Institutional, procedural, legal and administrative arrangements for preparation of the reports;
- Description of the information collection process;
- Alignment with the national inventory system;
- Links to arrangements on integrated national energy and climate reports;
- QAQC activities;
- Process for selecting methods and assumptions;
- Approval of the national system;
- Stakeholder engagement.

List of elements to cover
National Systems page on the Eionet portal, incl. link to YouTube channel
How: Webform at the Reportnet 3 platform

Provide text (max ca 3 pages)

Attach file, if relevant
Reported information on national systems:
Transparent reporting on GHG policies and measures supports further climate action

Similar challenges for EU MS (resources, data, governance, inter-ministerial communication, policy effects, etc.)

Importance of robust national system

Supporting materials available

Support to reporting under other obligations (UNFCCC)
Thank you!

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- European Environment Agency (http://www.eea.europa.eu/)