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POLICIES AND MEASURES TOOL

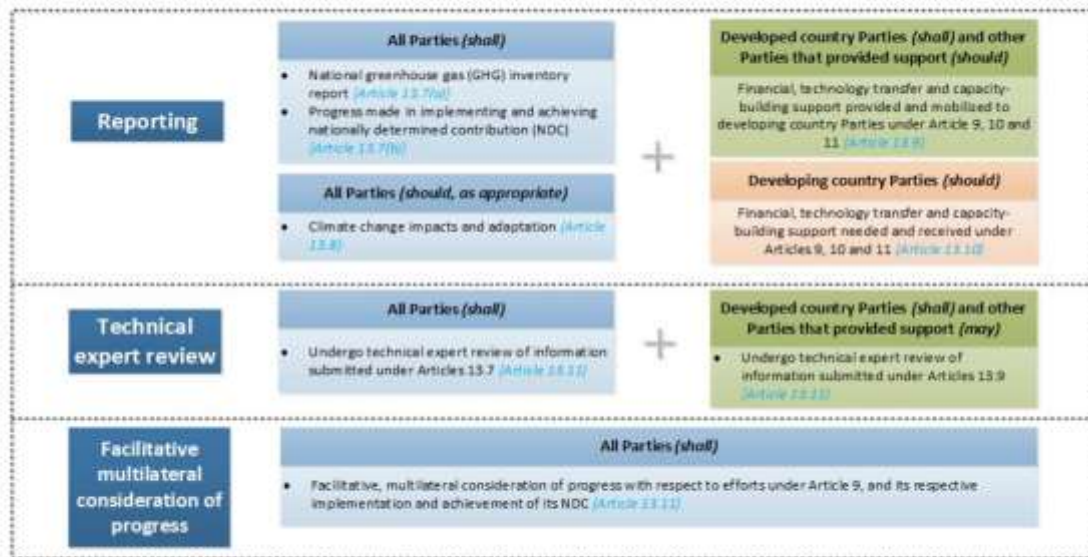
DANIELA PERL, DECEMBER 2021

OVERVIEW

- Reporting under UNFCCC
- Reporting under EU
 - Quality assurance and control
 - Reportnet 3 and EEA Dataviewer
- Serbien MRV Policies and Measures Tool

REPORTING UNDER PARIS AGREEMENT

Article 13 of the Paris Agreement: transparency of action and support



* The transparency framework shall provide flexibility in the implementation of the provisions of this Article to those developing country Parties that need it in the light of their capacities (Article 13.2);

* The transparency framework shall recognize the special circumstances of the least developed countries and small island developing States (Article 13.3).



COP 24, 2018:
Decision 18/CMA.1 Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (**MPG**)

REPORTING UNDER PARIS AGREEMENT

- MRV → Enhanced Transparency Framework
- BUR → **Biennial Transparency Report (BTR)**
- overlapping phase of the existing MRV arrangements and the ETF:
 - the **last** biennial update reports (BUR): not later than the 31 December 2024
 - the **first** biennial transfer reports (BTR): at the latest by 31 December 2024 by all Parties
- Every 2 years
- information to be reported in the BTR defined in the modalities, procedures and guidelines (MPGs): 18/CMA.1 Article 13 of the Paris Agreement
- National Communications:
 - not affected by these changes
 - reporting on a 4-year cycle
 - Guidelines for developing country parties: 1/CP.16. for non-Annex I countries: 7/CP.8.
 - In the coming years, where the reporting of NC and BTR is required this can be done in conjunction



PAM REPORTING UNDER PARIS AGREEMENT

Decision 18/CMA.1, paras 80–90:

80. **Mitigation policies and measures**, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving a nationally determined contribution under Article 4 of the Paris Agreement

81. To the extent possible, Parties shall organize the reporting of actions **by sector** (energy, transport, industrial processes and product use, agriculture, LULUCF, waste management and other).

82. Each Party shall provide the following information on its actions, policies and measures, to the extent possible, in a tabular format:

- **Name, Description, Objectives, Type of instrument** (regulatory, economic instrument or other); **Status** (planned, adopted or implemented); **Sector(s) affected** (energy, transport, industrial processes and product use, agriculture, LULUCF, waste management or other); **Gases affected; Start year of implementation; Implementing entity or entities.**

83. Each Party may also provide the following information for each action, policy and measure reported:

- Costs;
- Non-GHG mitigation benefits;
- How the mitigation actions as identified in paragraph 80 above interact with each other, as appropriate.

84. For each Party with an NDC under Article 4 of the Paris Agreement that consists of mitigation co-benefits resulting from Parties' adaptation actions and/or economic diversification plans consistent with Article 4, paragraph 7, information to be reported under paragraphs 80, 82 and 83 above includes relevant information on policies and measures contributing to mitigation co-benefits resulting from adaptation actions or economic diversification plans.

85. Each Party shall provide, to the extent possible, estimates of **expected and achieved GHG emission reductions** for its actions, policies and measures in the tabular format referred to in paragraph 82 above; those developing country Parties that need flexibility in the light of their capacities with respect to this provision are instead encouraged to report this information.

86. Each Party shall describe the **methodologies and assumptions** used to estimate the GHG emission reductions or removals due to each action, policy and measure, to the extent available. This information may be presented in an annex to its biennial transparency report.

87. Each Party should identify those actions, policies and measures **that are no longer in place** compared with the most recent biennial transparency report, and explain why they are no longer in place.

88. Each Party should identify its actions, policies and measures that **influence GHG emissions from international transport**.

89. Each Party should, to the extent possible, provide information about how its actions, policies and measures are **modifying longer-term trends** in GHG emissions and removals.

90. Each Party is encouraged to provide detailed information, to the extent possible, on the **assessment of economic and social impacts of response measures**.

UNFCCC LINKS

- <https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-paris-agreement>
- Decision 18/CMA.1:
https://unfccc.int/sites/default/files/resource/CMA2018_03a02E.pdf
- FAQ: <https://unfccc.int/enhanced-transparency-framework#eq-2>



PAM REPORTING UNDER EU EU LEGAL TEXTS

- Governance of the Energy Union and Climate Action Regulation (EU 2018/1999):
 - Article 18 (1) (a), Annex VI
- Implementing Regulation (EU 2020/1208):
 - Article 37
 - Annex XXIV sets the structure and format for reporting information on national greenhouse gas policies and measures.
- are fully in line with the Paris Agreement
- reporting by 15.March 2021 and every two years thereafter; substantial changes to the information shall be communicated annual
- Member States shall make available to the public, in electronic form any relevant assessment of the costs and effects of national policies and measures



GOVERNANCE OF THE ENERGY UNION AND CLIMATE ACTION REGULATION (EU 2018/1999):

ANNEX VI

POLICIES AND MEASURES INFORMATION IN THE AREA OF GHG EMISSIONS

Information to be included in the reports referred to in Article 18:

- (a) a description of their national system for reporting on policies and measures, or groups of measures, and for reporting on projections of anthropogenic GHG emissions by sources and removals by sinks pursuant to Article 39(1) or information on any changes made to that system where such a description has already been provided;
- (b) updates relevant to their long-term strategies referred to in Article 15 and progress in implementing those strategies;
- (c) information on national policies and measures, or groups of measures, and on implementation of Union policies and measures, or groups of measures, that limit or reduce GHG emissions by sources or enhance removals by sinks, presented on a sectoral basis and organised by gas or group of gases (HFCs and PFCs) listed in Part 2 of Annex V. That information shall refer to applicable and relevant national or Union policies and shall include:
 - (i) the objective of the policy or measure and a short description of the policy or measure;
 - (ii) the type of policy instrument;
 - (iii) the status of implementation of the policy or measure or group of measures;
 - (iv) indicators used to monitor and evaluate progress over time;
 - (v) where available, quantitative estimates of the effects on emissions by sources and removals by sinks of GHGs broken down into:
 - the results of *ex ante* assessments of the effects of individual or groups of policies and measures on the mitigation of climate change. Estimates shall be provided for a sequence of four future years ending with 0 or 5 immediately following the reporting year, with a distinction between GHG emissions covered by Directive 2003/87/EC, Regulation (EU) 2018/842 and Regulation (EU) 2018/841;
 - the results of *ex post* assessments of the effects of individual or groups of policies and measures on the mitigation of climate change where available, with a distinction between GHG emissions covered by Directive 2003/87/EC, Regulation (EU) 2018/842 and Regulation (EU) 2018/841;
 - (vi) available estimates of the projected costs and benefits of policies and measures, as well as estimates of the realised costs and benefits of policies and measures;
 - (vii) all existing references to the assessments of the costs and effects of national policies and measures, to information in the implementation of Union policies and measures that limit or reduce GHG emissions by sources or enhance removals by sinks and to the underpinning technical reports;
 - (viii) an assessment of the contribution of the policy or measure to the achievement of the long-term strategy referred to in Article 15;
- (d) information on planned additional national policies and measures, or groups of measures, envisaged with a view to limiting GHG emissions beyond their commitments under Regulation (EU) 2018/842 and Regulation (EU) 2018/841;
- (e) information regarding the links between the different policies and measures, or groups of measures, reported pursuant to point (c) and the way such policies and measures, or groups of measures, contribute to different projection scenarios.

IMPLEMENTING REGULATION (EU 2020/1208):

Article 36

Reporting on national systems for policies and measures and projections

Member States shall provide the description of their national systems for reporting on policies and measures, or groups of measures, and projections referred to in point (a) of Annex VI to Regulation (EU) 2018/1999 in the format set out in Annex XXIII to this Regulation.

Article 37

Reporting on national policies and measures

1. Member States shall report the information on their national policies and measures, or groups of measures, referred to in point (c) of Annex VI to Regulation (EU) 2018/1999 in the formats set out in Annex XXIV to this Regulation.
2. Member States shall report the following information in a textual format:
 - (a) the updates relevant to their long-term strategies referred to in point (b) of Annex VI to Regulation (EU) 2018/1999;
 - (b) planned additional policies and measures referred to in point (d) of Annex VI to Regulation (EU) 2018/1999;
 - (c) links between different policies and measures and the contribution of those policies and measures to different projection scenarios, as referred to in point (e) of Annex VI to Regulation (EU) 2018/1999.

INFORMATION TO BE REPORTED VIA WEBFORM

- the objective of the policy or measure and a short description of the policy or measure;
- the type of policy instrument;
- the status of implementation;
- indicators used to monitor and evaluate progress over time;
- where available, quantitative estimates of the effects on emissions by sources and removals by sinks of GHGs
- available estimates of the projected and realised costs and benefits of policies and measures;
- all existing references to the assessments of the costs and effects of national policies and measures, to information in the implementation of Union policies and measures that limit or reduce GHG emissions by sources or enhance removals by sinks and to the underpinning technical reports;
- an assessment of the contribution of the policy or measure to the achievement of the long-term strategy referred to in Article 15;

INFORMATION TO BE REPORTED

Annex XXIV Implementing Regulation (EU 2020/1208)

- *Table 1: Sectors, gases and type of policy instrument*
- *Table 2: Available results of ex-ante and ex-post assessments of the effects on mitigation of climate change*
- *Table 3: Available projected and realised costs and benefits on mitigation of climate change*

ADDITIONAL INFORMATION TO BE REPORTED

in textual form (technical Report)

- Updates relevant to the LTS (Longterm strategies)
- information on planned additional national policies and measures, envisaged with a view to limiting GHG emissions beyond the Member states commitments under Regulation (EU) 2018/842 and Regulation (EU) 2018/841;
- information regarding the links between the different policies and measures, and the way such policies and measures, contribute to different projection scenarios.

REPORTING TO THE EU

Via Reportnet 3.0 (<https://reportnet.europa.eu/>)

= e-platform for reporting environmental data to the EEA and European Commission

Reportnet Login

The next generation for e-Reporting environmental and climate data

Reportnet 3 is the new e-Reporting platform for reporting environmental and climate data to the European Environment Agency (EEA). The platform embraces the strategic goals of the European Commission's Green Deal and Digital Strategy and will host reporting tasks on behalf of EEA and the Commission.

The transition of reporting obligations from Reportnet 2 to Reportnet 3 will take a number of years. Therefore, Reportnet 2 will remain operational until all data flows are migrated and will then become an archive.

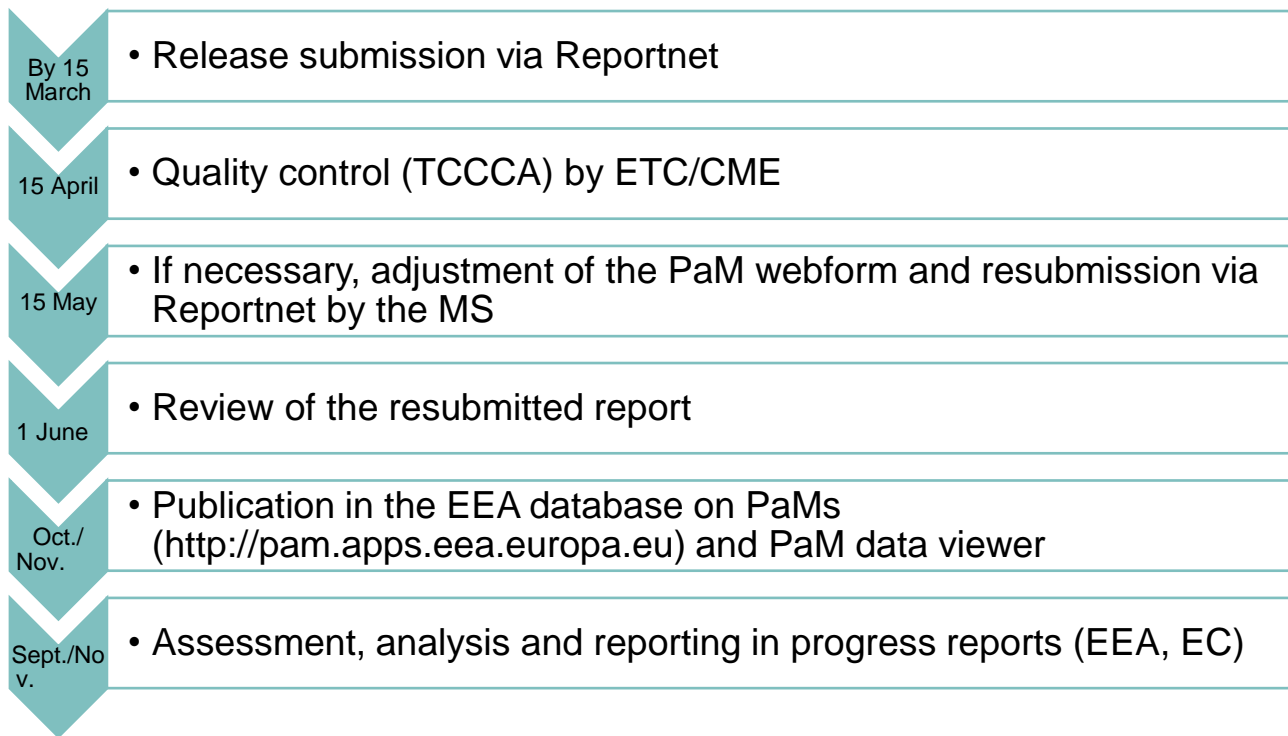
Reportnet 2 can be accessed here: <http://cdr.elores.europa.eu/>

Need any help?
Please contact us at: helpdesk@reportnet.europa.eu

Support documents:

- Login
- Reporter
- Requester
- Workflow

EU REPORTING TIMELINE



QUALITY ASSURANCE AND QUALITY CONTROL

● Who?

- European Topic Center on Climate Change Mitigation and Energy (ETC/CME) on behalf of the EEA

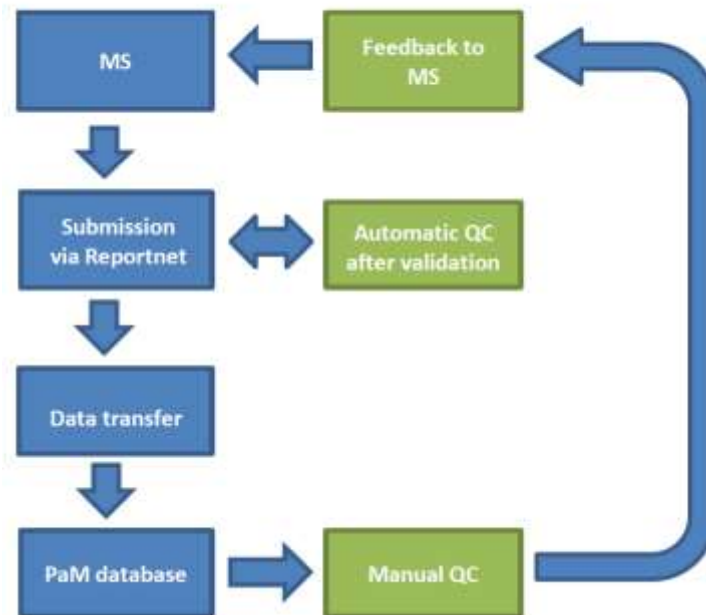
● Why?

- to ensure timeliness, completeness, consistency, comparability, coherence, transparency and accuracy of the PaMs information

● What?

- specific quality checks are performed on the submissions by Member States
- the results of the quality checks are communicated to Member States
- After quality control, the data is published in the EEA PaM viewer

Overview of the quality control process for PaMs



QUALITY ASSURANCE AND QUALITY CONTROL

- **Timeliness**
 - Submission on time
- **Transparency**
 - the PaM is identifiable and underlying methods are clearly referenced
 - enough information is provided in the name, objective and description for the PaM to be distinguished from other similar national policies
- **Completeness**
 - all relevant climate mitigation PaMs are included
 - all information on national climate PaMs is provided
- **Consistency**
 - the reporting is consistent and in line with good practices and guidelines
- **Coherence**
 - whether the reported PaMs are coherent with GHG projections reporting
 - Compare WEM and WAM GHG projections
- **Comparability**
 - Ensure that the reporting across Member States is comparable
- **Accuracy**
 - To assess whether *ex ante* estimates of policy impacts are credible
 - comparisons against the reported projections and other datasets

EEA DATAVIEWER

<https://www.eea.europa.eu/themes/climate/national-policies-and-measures>

All the information on policies and measures reported by European countries to reduce greenhouse gas emissions and to achieve climate change and energy targets

The screenshot displays the EEA DataViewer interface. At the top, there is a search bar with the text "Search term". Below it, a table lists various national policies and measures for Austria. The table has columns for Country, ID of policy or measure, Name of policy or measure, Single policy or measure, Policies or measures included in the group, Type of policy instrument, Status of implementation, and Policy impact for ETS, EEU, and other measures. The table contains 10 rows of data. To the right of the table is a "Filter by" section with several dropdown menus for filtering the results.

Country	ID of policy or measure	Name of policy or measure	Single policy or measure	Policies or measures included in the group	Type of policy instrument	Status of implementation	Policy impact for ETS, EEU or other measures
Austria	1	EU Emissions Trading Scheme (ETS)	Single	Single Policy	Economic, Regulatory	Implemented	EU ETS
Austria	2	Economic Environmental Support Scheme	Single	Single Policy	Economic	Implemented	EU ETS EEU
Austria	3	Austrian Climate and Energy Fund (Klimafonds)	Single	Single Policy	Economic, Research	Implemented	EU ETS EEU
Austria	4	Increase the share of renewable energy in energy supply and	Single	Single Policy	Economic, Regulatory	Implemented	EU ETS EEU
Austria	5	Increase energy efficiency in energy and manufacturing	Single	Single Policy	Economic, Planning	Implemented	EU ETS EEU
Austria	6	Increase the share of clean energy sources in road transport	Single	Single Policy	Economic, Regulatory	Implemented	EU ETS EEU
Austria	7	Increase fuel efficiency in road transport	Single	Single Policy	Economic, Road	Implemented	EU ETS EEU
Austria	8	Energy efficiency in buildings	Single	Single Policy	Economic, Information	Implemented	EU ETS EEU
Austria	9	Increase energy efficiency in buildings	Single	Single Policy	Economic, Information	Implemented	EU ETS EEU
Austria	10	Increase share of renewable energy in energy supply	Single	Single Policy	Economic, Information	Implemented	EU ETS EEU

Filter by

- Country
- Single policy or measure, or...
- GHG(s) affected
- Sector(s) affected
- Objective(s)
- Type of policy instrument
- Status of implementation
- Entities responsible for im...
- Implementation period start
- Is the policy or measure re...
- Union policy which resulte...
- Projection scenario in whic...
- Policy impacting EU ETS, ES...
- Total GHG emissions redu...
- Total GHG emissions redu...

10/10 results

LINKS

Governance of the Energy Union and Climate Action Regulation (EU 2018/1999):
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32020R1208>

Implementing Regulation (EU 2020/1208): <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32020R1208>

Guidance Documents: <https://www.eionet.europa.eu/reportnet/docs/govreg/policies-and-measures>

Reportnet 3.0: <https://reportnet.europa.eu/>

EEA Dataviewer: <https://www.eea.europa.eu/themes/climate/national-policies-and-measures>



POLICIES AND MEASURES TOOL

- Is a tool for collection and maintenance of the national PAMs

Create new Field
Click here to create a new Field

Field no.	Name	Short description	Status	Last changed at
27	Climate change education, train...	Combating climate change requires change in behaviour of all actors in society from top level decision making at public and private levels to daily consumption patterns. Change is best operated through a multitude of stimulus, wh...	Planned	11/12/2021, 18:23
26	Adaptation of cultivation techn...	Measure can be achieved, inter alia, through proper choice of hybrids and varieties, introduction of heat-tolerant and frost-resistant varieties, crop shading for water savings and sunburn injury protection, cooling the crops, stables, hen coop...	Planned	11/12/2021, 18:23
25	Research, training and awaren...	In order to reduce the vulnerability of the German forest to climate change impacts and to be able to explore the full mitigation potential of the measures included in this action plan, the whole forestry system in Europe needs to be c...	Planned	16/11/2021, 09:53
24	Definition of guidelines for the...	This measure foresees the adoption of a set of technical and management guidelines to decrease the area of forest affected by negative biotic and abiotic factors. These guidelines will provide forest managers at different levels on...	Planned	16/11/2021, 09:53
23	Regeneration of over-mature st...	The objective is to remove over-mature trees from the forest stands which have low production capacity (even negative CO2 effects) and establish naturally or artificially new forest stands with high productivity (group mixture where...	Planned	11/12/2021, 18:26
22	Short Rotation Plantations (SRP)	This measure provides an area of additional 1500 hectares annually to be established using poplars and willows as the main tree species. Annual increment in SRP is 10 m3/ha up to age 10, and 12 m3/ha after that. The biomass pro...	Planned	16/11/2021, 09:53
21	Conversion of coppice to high f...	This measure prescribes the annual conversion of 3.000 ha of coppice forest to high forest, in particular oak and beech coppice forests for conversion into high forest. At the present, the government is financing amelioration affor...	Planned	16/11/2021, 09:53
20	Code to Nature Forest Manage...	Code to nature forest management is one of the components of sustainable forest management and means that, in the present, measures are implemented that will ensure a constant productivity, vitality and service provision in th...	Planned	16/11/2021, 09:53
19	Afforestation	This measure prescribes the afforestation of 5.000 ha every year up to 2030 (and should be continued up to 2060). This requires the additional afforestation of 2962 ha, compared to the current average rate of 2048 ha. In order to a...	Planned	16/11/2021, 09:53
18	Breeding for higher milk yields	A genetic selection for cows with higher milk yields may reduce overall emissions if the cow herd is reduced due to limited market outlets. An increase in milk yields per cow will also increase emissions per cow but this may be overc...	Planned	16/11/2021, 09:53
17	Increased biomass stocks in forest	Increased biomass stocks in forest (increased afforestation and increasing nature-friendly forestry) is essential for the national climate and biodiversity protection plan. An increase in the national stock of timber is essential for a reduction of 35% which is calculated to a maximum fu...	Planned	16/11/2021, 09:53

POLICIES AND MEASURES TOOL

- Is a tool for collection and maintenance of the national PAMs

Related documents

Management of related documents of this module.

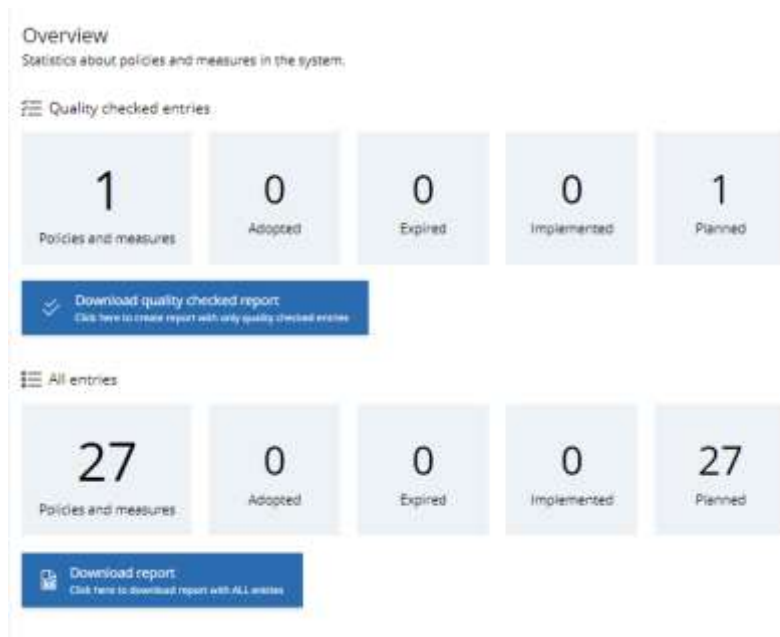
Upload new file
Click here to drop a file to open the upload

Drop a file here to start the upload
Maximum size: 15 MB

Title	Description	Last changed at
Guidelines Document of the EEA	Guidelines Reporting on greenhouse gas policies and measures under Regulation (EU) 2018/1999 on the Governance of the Energy Union a...	12/12/2021, 17:41
Sensitivity analysis	Table 9: Results of the sensitivity analysis to be submitted for each sensitivity scenario calculated (Implementing Regulation Art. 28 Annex...	27/12/2021, 14:27
Model/Method(s)	Table 4: Model/Method(s) implementing Regulation Art. 28 Annex A(2)	07/12/2021, 12:24
Reporting of parameters	Table 5: Reporting on parameters relevant for projections, Phase 1 (SD With Existing Measures Scenario (SWEM) implementing Regulation...	07/12/2021, 14:22
Projection indicators	Table 2: Indicators to monitor and evaluate projected progress of policies and measures, Phase 1 (Implementing Regulation Art. 28 Annex A...	07/12/2021, 14:18
Greenhouse gas projections	Table 1a: Greenhouse gas projections by gas and category (Implementing Regulation Art. 28 Annex A(3))	07/12/2021, 14:18

POLICIES AND MEASURES TOOL

- Is a tool for collection and maintenance of the national PAMs



POLICIES AND MEASURES TOOL

- is based on the information required under
 - EU Governance and Implementing Regulation and
 - UNFCCC MPGs
- additional entries are possible to allow for country specific information

Policy and Measure ✕
Edit policy and measure details

08/11/2021, 11:07
✓ Denis Masinovic
Ministry of Environmental Protection

Remove quality check
Remove approval from this entry ↻

General / Mandatory ▾

Table 1 - Indicators ▾

Table 2 - Ex-ante assessment ▾

Table 2 - Ex-post assessment ▾

Table 3 - Costs and benefits ▾

Additional ▾

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Trainings on the use of MRV-IT tool developed within the project "Establishing Transparency Framework for the Republic of Serbia"

Zoom • 14th Dec. 2021