

ANNEX

Format for the national air pollution control programme referred to in Article 1¹

I. General information

Provide the following general information about the national air pollution programme (NAPCP):

- (a) title;
- (b) date of adoption;
- (c) name of competent authority responsible for drawing up the programme;
- (d) email address of responsible service;
- (e) link to website where the programme is published;
- (f) links to websites on the consultations on the programme (where applicable);
- (g) list of authorities responsible for implementing the programme, including:
 - (i) the name of the authority (e.g. Ministry of XXX, National Agency for XXX, Regional office for XXX);
 - (ii) a description of the type and level of the authority (e.g. national environmental inspectorate, regional environment agency, municipality);
 - (iii) a description of the responsibilities attributed to the authority in the areas of air quality and air pollution (e.g. policy-making, implementation, enforcement).

II. National air quality and pollution policy framework

Describe the policy priorities related to air quality and air pollution and their relationship with other policy areas, with a focus on changes compared to the previous NAPCP in case of an update, and/or provide links to the relevant documents or webpages:

- (a) the national air quality and pollution policy framework, including:
 - (i) national air quality priorities related to Union or national air quality standards (such as limit values, target values and average exposure reduction obligation) and to the latest World Health Organization air quality guidelines;
 - (ii) national emission reduction commitments compared with the base year 2005 (in %):

¹ Parts in this common format marked as (O) are optional; all other parts are mandatory, or mandatory where applicable.

	SO ₂	NO _x	NMVOC	NH ₃	PM _{2.5}
2020-2029:					
From 2030:					

- (b) relevant climate change and energy policy priorities, including date of adoption and reference to the latest national energy and climate plan (NECP);
- (c) relevant policy priorities in other policy areas:
 - (i) agriculture,
 - (ii) industry,
 - (iii) transport,
 - (iv) other (please specify).

III. Overview of the current situation and progress made in reducing air pollutant emissions and improving air quality

A. Air pollutant emissions

Describe the current situation regarding air pollutant emissions, the progress made by policies and measures (PaMs) in reducing emissions (for at least SO₂, NO_x, NMVOC, NH₃, PM_{2.5} and any other pollutants that present a problem) and the degree of compliance with national and Union legislation on reducing emissions, including:

- (a) a comparison of current emission levels with the emission levels of the base year 2005 and, in case of an update of the NAPCP, progress in achieving emission reduction commitments and a description of how emissions have changed since the previous NAPCP;
- (b) the main PaMs that have driven the emission reduction and, in case of an update of the NAPCP, a comparison of the outcomes achieved and expected;
- (c) information on the use of flexibilities in accordance with Article 5 of Directive (EU) 2016/2284 of the European Parliament and of the Council ⁽²⁾, applied to the national historical emission inventories and their consequences for national air pollutant emissions;
- (d) references to publicly available supporting datasets or support studies (e.g. historical emission inventory reporting);
- (e) graphs illustrating the emission reductions per pollutant or per main sector (O).

B. Air quality

² Directive (EU) 2016/2284 of the European Parliament and of the Council of 14 December 2016 on the reduction of national emissions of certain atmospheric pollutants, amending Directive 2003/35/EC and repealing Directive 2001/81/EC (OJ L 344, 17.12.2016, p. 1, ELI:<http://data.europa.eu/eli/dir/2016/2284/oj>).

Describe the current air quality situation (for at least NO₂, PM₁₀, PM_{2.5}, O₃ and any other pollutants that present a problem), the progress made by PaMs in improving air quality and the degree of compliance with national and Union legislation on air quality, including:

- (a) the number (out of the total number of zones) of air quality zones for which air quality standards³ under Directive (EU) 2024/2881 of the European Parliament and of the Council⁴ and national standards are exceeded, identification of those zones and comparison with the base year 2005 or, in case of an update of the NAPCP, with the year presented in the previous NAPCP;
- (b) the number (out of the total number of zones) of air quality zones for which the attainment deadline of an air quality standard has been postponed in application of Article 18 of Directive (EU) 2024/2881 and identification of those zones;
- (c) for the initial NAPCP only, the extent to which national emission sources are likely to have an impact on air quality in the Member State;
- (d) references to publicly available supporting datasets;
- (e) maps or histograms which illustrate the current ambient air pollutant concentrations and which show, for instance, zones that were (non-)compliant in the base year 2005, or in case of an update of the NAPCP, in the year presented in the previous NAPCP, and their situation in the latest reporting year under Directive (EU) 2024/2881 (O).

C. Current transboundary impact of national emission sources

Where relevant, describe the current transboundary impact of domestic emission sources on neighbouring Member States and, in case of an update of the NAPCP, how it has changed since the previous NAPCP.

If quantitative data are used to describe the results of the assessment of the transboundary impact, specify the data and methodologies used to conduct the assessment (O).

IV. PaMs adopted and their projected impacts

A. PaMs adopted

Provide information on PaMs adopted that are included in the ‘with measures’ scenario (WM scenario) and that are expected to lead to further emission reductions in the future (O).

If applicable, describe significant changes made to adopted PaMs since the previous NAPCP, including to their implementation timetable.

Indicate if mandatory and optional measures listed in Part 2 of Annex III to Directive (EU) 2016/2284 have been adopted and specify which ones.

B. Projection of further evolution based on the PaMs adopted

³ Please consider, as relevant, both air quality standards applicable before 1 January 2030 and air quality standards applicable as from 1 January 2030.

⁴ Directive (EU) 2024/2881 of the European Parliament and of the Council of 23 October 2024 on ambient air quality and cleaner air for Europe (OJ L, 20.11.2024, p. 1, ELI: <http://data.europa.eu/eli/dir/2024/2881/oj>).

Provide information on the projected emissions and emission reductions (WM scenario), including:

- (a) results of quantitative assessment of the projected evolution of emissions using the table below;
- (b) qualitative assessment of the projected evolution of emissions (O);
- (c) date of the assessment used to project emissions;
- (d) reference to the informative inventory report, or equivalent technical document describing the methodology for projecting emissions, as well as uncertainties etc., that supports those emission projections;
- (e) references to relevant publicly available supporting datasets.

Projection of further evolution based on the PaMs adopted						
		SO₂:	NO_x:	NMVOC:	NH₃:	PM_{2.5}:
Total emissions (kt), consistent with inventory data ⁵ for year [x-2 or x-3] (specify year) submitted in [year]*	2005 (base year)					
	2030					
	2035					
	2040					
	2045					
	2050					
Projected % emission reductions achieved compared with 2005*	2030					
	2035					
	2040					
	2045					
	2050					
National emission reduction commitment from 2030 onwards (%):						

*Providing data is mandatory for 2030, mandatory where available for 2040 and 2050, and optional for 2035 and 2045.

If non-linear emission trajectories were set out in the initial NAPCP, provide an update on any non-linear emission reduction trajectories for pollutants and the reasons for following them. Demonstrate that the non-linear trajectory will not compromise the achievement of any reduction commitment in 2030, and that it will converge with the linear trajectory from 2025 onwards.

⁵ The inventories used to prepare projections shall be inventories to which no flexibilities have been applied.

V. Additional PaMs and their projected impacts

This section shall be provided by Member States whose projected evolution of air pollutant emissions demonstrates non-attainment of the emission reduction commitments under the WM scenario, and by Member States that are in non-compliance with current emission reduction commitments (Article 6(4) of Directive (EU) 2016/2284). Other Member States may choose to provide this section.

A. Additional PaMs selected for adoption

The information required under this section shall be reported using the Policies and Measures tool ('PaM tool') provided for that purpose by the European Environment Agency (EEA). Additionally, PaMs shall be included in the NAPCP based on the PaM tool.

Provide information on the additional PaMs selected for adoption in a 'with additional measures' scenario (WAM scenario)⁶:

- (a) General information:
 - (i) name and brief description of individual PaM or package of PaMs;
 - (ii) authorities responsible for implementation;
 - (iii) types of PaMs (e.g. regulatory, economic, fiscal instrument);
 - (iv) objectives and sectors targeted and, where applicable, whether the PaM comes under a measure listed in Part 2 of Annex III to Directive (EU) 2016/2284;
 - (v) affected pollutants;
 - (vi) whether the PaM or package of PaMs results from implementing the NECD only or also from other Union policies, and to what extent (O).
- (b) Timing and monitoring:
 - (i) planned year of adoption;
 - (ii) implementation period, including start and end dates;
 - (iii) indicators used to monitor and evaluate progress over time and interim targets (O);
 - (iv) planned timetable for review.
- (c) Impacts:
 - (i) where available, quantified expected emission reductions for 2030, 2035, 2040, 2045 and 2050 (for individual PaMs or packages of PaMs, as appropriate) (kt, per year or as a range);

⁶ This may correspond to the WAM scenario submitted under the Article 10(2) projections but may also include PaMs that have not yet been part of previous projections.

- (ii) where available, projected impact of individual PaMs or packages of PaMs on air quality and the environment (qualitative or quantitative description).
- (d) Costs and benefits of the individual PaMs or packages of PaMs (O):
 - (i) estimated costs in EUR per tonne of abated pollutant;
 - (ii) total absolute costs in EUR;
 - (iii) total absolute benefits in EUR;
 - (iv) absolute costs per year in EUR;
 - (v) absolute benefits per year in EUR;
 - (vi) cost/benefit ratio;
 - (vii) price year used;
 - (viii) qualitative description of the cost and benefit estimates;
 - (ix) whether it represents a cost for households or businesses;
 - (x) whether funding or financial incentives are available to (partially) cover costs.
- (e) Supporting information:
 - (i) details of the methodologies used for analysis (e.g. names of specific models or methods, links to underlying data);
 - (ii) qualitative description of uncertainties (where available);
 - (iii) references to publicly available supporting datasets.

B. Projection of further evolution with additional PaMs selected for adoption

Provide information on the projected emissions and emission reductions (WAM scenario), including:

- (a) qualitative assessment of the projected evolution of emissions (O);
- (b) date of the assessment used to project emissions;
- (c) reference to the informative inventory report, or equivalent technical document describing the methodology for projecting emissions, as well as uncertainties etc., used to compile the projections of the emissions;
- (d) references to relevant publicly available supporting datasets.

Projection of further evolution with additional PaMs selected for adoption						
		SO ₂ :	NO _x :	NMVOC:	NH ₃ :	PM _{2.5} :
Total emissions (kt), consistent with inventory data ⁷ for year [x-2 or x-3] (specify year) submitted in [year]*	2005 (base year)					
	2030					
	2035					
	2040					
	2045					
	2050					
Projected % emission reductions achieved compared with 2005*	2030					
	2035					
	2040					
	2045					
	2050					
National emission reduction commitment from 2030 onwards (%):						

*Providing data is mandatory for 2030, mandatory where available for 2040 and 2050, and optional for 2035 and 2045.

Provide information on the projected impact (qualitative or quantitative description) of the WAM scenario on air quality (for at least NO₂, PM₁₀, PM_{2.5}, O₃ and any other pollutants that present a problem) and references to publicly available supporting datasets underpinning the projected evolution (O).

C. PaMs considered but not selected for adoption (for initial NAPCP only)

The information required under this section may be reported using the PaM tool provided for that purpose by the EEA. It may be imported into the NAPCP from the PaM tool or provided in another format.

Provide information on the additional PaMs considered but not selected for adoption:

- (a) General information:
 - (i) name and brief description of individual PaMs;
 - (ii) types of PaMs (e.g. regulatory, economic, fiscal instrument);
 - (iii) objectives and sectors targeted;

⁷ The inventories used to prepare projections shall be inventories to which no flexibilities have been applied.

- (iv) affected pollutants.
- (b) Impacts:
 - (i) where available, quantified expected emission reductions for 2030, 2035, 2040, 2045 and 2050 (for individual PaMs or for packages of PaMs, as appropriate) (kt, per year or as a range);
 - (ii) where available, projected impact of individual or combined additional PaMs considered on air quality and the environment (qualitative or quantitative description).
- (c) Supporting information:
 - (i) details of the methodologies used for analysis (e.g. names of specific models or methods, link to underlying data);
 - (ii) qualitative description of uncertainties (where available).

VI. Coherence of the NAPCP and selected PaMs with plans and programmes set up in other relevant policy areas

Describe coherence of the NAPCP and, where applicable, the PaMs selected for adoption with other relevant plans and programmes set up by virtue of the requirements laid down in national or Union legislation (e.g. air quality plans, NECPs). Identify potential divergence, if any, between the objectives pursued by the PaMs in the NAPCP and by the ones in the NECP or other plans.