

AUSTRIA'S NATIONAL AIR EMISSION PROJECTIONS 2023 FOR 2025 AND 2030

***Pollutants: NO_x, SO₂, NMVOC, NH₃ and PM_{2.5}
Scenarios: With Existing Measures (WEM) &
With Additional Measures (WAM)
October 2023***

GENERAL APPROACH

Austrian projections for the emission of the pollutants nitrogen oxides (NO_x), sulphur dioxide (SO₂), non-methane volatile organic compounds (NMVOC), ammonia (NH₃) and particulate matter (PM_{2.5}) for the scenario 'with existing measures' (WEM) were last published in 2021 in a report entitled 'Austria's National Air Emission Projections 2021 for 2020, 2025 and 2030' (ENVIRONMENT AGENCY AUSTRIA, 2021).

This year's report provides fully updated emission projections for the WEM scenario and the WAM scenario, based on energy balances and updated policies and measures (PAMs).

Two scenarios were modelled: 'with existing measures' includes all measures implemented by 1 January 2022; 'with additional measures' includes planned policies and measures that were reported under the National Air Pollution Control Programme (BMK, 2023b) and in the Integrated National Energy and Climate Plan for Austria (BMK, 2023a), which is currently available as a draft and subject to a national public consultation.

The status of the implementation of measures has been defined at expert level in consultation with the Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK). Information on national policies and measures included in the scenarios can be found in Chapter 3.

The air pollutant projections are fully consistent with current GHG emission projections reported under Regulation (EU) 2018/1999 on the Governance of the Energy Union and Climate Action (ENVIRONMENT AGENCY AUSTRIA, 2023c).

The report further outlines relevant background information to enable a better understanding of the key socio-economic assumptions used in the preparation of the projections. For comparison purposes, emission data from the National Air Emission Inventory of March 2023 (ENVIRONMENT AGENCY AUSTRIA, 2023b) have been included as well.

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