

GENERAL APPROACH

Austrian emission projections 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 scenarios “with existing measures” (WEM) were last published in 2017 in a report entitled “Austria's National Air Emission Projections 2017 for 2020, 2025 and 2030“ (UMWELTBUNDESAMT 2017).

This year's report provides updated emission projections for the WEM scenario, based on new energy scenarios and an update of policies and measures (PAMs).

A national air pollution control programme, as required under the NEC Directive (EU) 2016/2284, is currently in preparation, as well as the final National Energy and Climate Plan, as required under the Governance Regulation (EU) 2018/1999. It will not be possible to have a clear picture of the planned measures before the negotiations have been completed. As the National Energy and Climate Plan will have a significant effect on the air pollution regime, a scenario ‘with additional measures’ has not been prepared for reporting in March 2019.

The scenario ‘with existing measures’ includes all PAMs implemented by 1 January 2018. The status and current degree of implementation of measures have been assessed at expert level in consultation with the Federal Ministry of Sustainability and Tourism. Information on national policies and measures included in the scenarios can be found in Chapter 3.

Furthermore, to consider fuel export in vehicle tanks, we have evaluated the fuel options ‘fuel sold’ and ‘fuel used’.

The air pollutant projections are fully consistent with current GHG emission projections under the EU Monitoring Regulation (UMWELTBUNDESAMT 2019c).

The report further outlines relevant background information in order to enable an understanding of the key socio-economic assumptions used in the preparation of the projections. For the purpose of comparison, emission data from the National Air Emission Inventory of March 2019 (UMWELTBUNDESAMT 2019a) are included as well.