

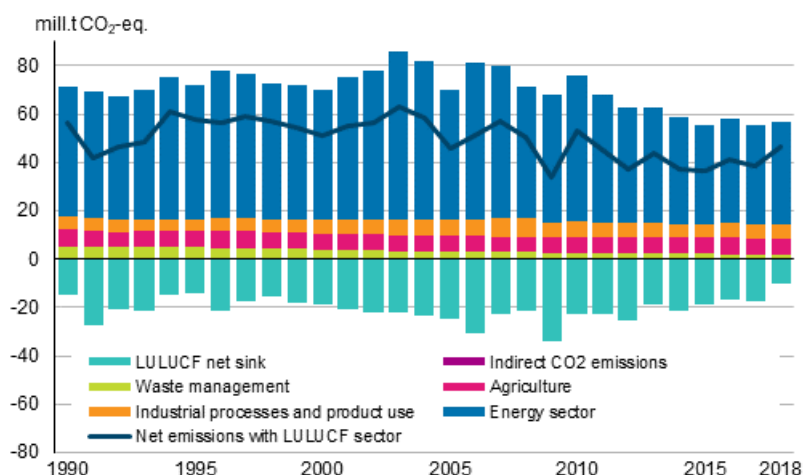
Greenhouse gases

2018

Finland's greenhouse gas emissions 2018 to the EU and the UNFCCC

In 2018, Finland's greenhouse gas emissions without the LULUCF sector amounted to 56.4 million tonnes of carbon dioxide equivalent (mil. t CO₂ eq.), being 14.8 million tonnes less than in the comparison year 1990. Emissions not included in the EU Emissions Trading System (EU ETS) exceeded the annual emission allocation set by the EU by 0.3 million tonnes of CO₂ equivalent. Total emissions (excl. LULUCF sector) remained more or less unchanged compared with the preliminary data published in December 2019. The data published now are based on the reporting of emission data to the EU and the United Nations Framework Convention on Climate Change (UNFCCC). Based on them, Finland's emission allocations for emissions not included in the EU Emissions Trading System (EU ETS) will be confirmed for the years 2021 to 2030.

Finland's greenhouse gas emissions and removals by sector (emissions are positive and removals negative figures) and total emissions minus the LULUCF net sink



LULUCF refers to the land use, land use change and forestry sector. The estimates of the LULUCF sector for the latest years will be updated based on new input data in future (incl. tree biomass, surface areas).

Revised emission data can be found more specified in the [database tables](#).

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Revision of Finland's greenhouse gas emissions. Emissions expressed in million tonnes CO2 equivalent

	Statistical reference year	Previous release, 12 December 2019	Latest release, 13 March 2020	Change ¹⁾
		Mill. t CO2-eq.		%
Total emissions (without LULUCF sector)	1990	71.3	71.2	-0.1
	2005	69.9	69.9	0.0
	2010	75.7	75.7	0.0
	2015	55.1	55.1	0.1
	2016	58.1	58.1	0.1
	2017	55.3	55.4	0.1
	2018	56.4 ²⁾	56.4	0.1
LULUCF sector ³⁾	1990	-14.8	-14.8	0.0
	2005	-24.4	-24.4	0.0
	2010	-22.5	-22.5	0.0
	2015	-18.9	-18.9	0.0
	2016	-16.8	-16.8	0.0
	2017	-17.1	-17.2	0.2
	2018	-9.8 ²⁾	-10.3	4.7
Emissions not in Emissions Trading System ⁴⁾	2013	31.2	31.2	0.1
	2014	29.8	29.8	0.1
	2015	29.4	29.5	0.2
	2016	30.6	30.7	0.2
	2017	30.0	30.1	0.2
	2018	29.9 ²⁾	29.9	0.0

1) Change between the latest and previous releases

2) Preliminary data

3) The estimates of the LULUCF sector for the latest years have been updated based on new input data.

4) Excluding CO2 emissions from domestic civil aviation.

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Source: Greenhouse gas inventory unit. Statistics Finland