

National emissions reported to the UNFCCC and to the EU under the Governance Regulation, October 2023

Data on greenhouse gas emissions and removals, sent by countries to United Nations Framework Convention on Climate Change (UNFCCC) and to the EU under the Governance Regulation. This data set reflects the GHG inventory data for 2023 as reported under the United Nations Framework Convention for Climate Change.

Simple

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Purpose	Pollutants: CO2, CH4, N2O in Gg (1000 tonnes). Pollutants: HFCs, PFCs, unspecified mix of HFCs and PFCs, SF6 and NF3 in Gg CO2 equivalent. Aggregate: All greenhouse gases in Gg CO2 equivalent.				
Status	Superseded				
Point of contact	Organisation name	Individual name	Electronic mail address	Website	Role
	European Environment Agency				Point of contact
	European Environment Agency			http://www.eea.europa.eu/organization	Publisher
	European Topic Centre on Air pollution and Climate change mitigation (ETC/ACM)			http://acm.eionet.europa.eu	Processor
	European Environment Agency			http://www.eea.europa.eu	Processor

Point of contact

No information provided.

Maintenance and update frequency	Annually
Reporting obligations	<ul style="list-style-type: none"> Greenhouse gas inventories (UNFCCC)
EEA topics	<ul style="list-style-type: none"> Climate mitigation
Keywords	
Keywords	
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> Italy Luxembourg Portugal Cyprus Iceland Czechia Poland France Hungary

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Keywords	
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Access constraints	Other restrictions
Other constraints	No limitations to public access
Language of dataset	English
Begin date	1985-01-01
End date	2021-12-31
Distribution format	<ul style="list-style-type: none"> • Microsoft Access (.mdb, .accdb) () • ascii (.csv, .txt, .sql) ()

OnLine resource	Protocol	Linkage	Name
	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_t_national-emissions-reported_p_2023_v01_r01/	
	WWW:URL	https://sdi.eea.europa.eu/data/e2e7dd1e-0d67-4b20-a0d4-b22c53a59d24	Direct download
	WWW:DOWNLOAD-1.0-http--download	https://www.eea.europa.eu/themes/climate/eu-greenhouse-gas-inventory/read-me-eea-ghg-data-viewer	GHG Viewer documentation
	WWW:DOWNLOAD-1.0-http--download	https://sdi.eea.europa.eu/catalogue/srv/api/records/e2e7dd1e-0d67-4b20-a0d4-b22c53a59d24/attachments/National%20ghg%20inventories%20-%20table%20definition.xlsx?approved=true	Table definition

OnLine resource

No information provided.

Hierarchy level	Dataset
Statement	The European Topic Centre on Air Pollution and Climate Change Mitigation (31 May 2022), national submissions to UNFCCC or to EU Monitoring Mechanism of CO2 and other greenhouse emissions.

Metadata

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Metadata language	English								
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Hierarchy level	Tabular dataset								
Hierarchy level name	Tabular dataset								
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Metadata standard version	1.0								
Metadata author	<table border="0"> <tr> <td>Organisation name</td> <td>Individual name</td> <td>Electronic mail address</td> <td>Website Role</td> </tr> <tr> <td>European Environment Agency</td> <td></td> <td>sdj@eea.europa.eu</td> <td>Point of contact</td> </tr> </table>	Organisation name	Individual name	Electronic mail address	Website Role	European Environment Agency		sdj@eea.europa.eu	Point of contact
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Overviews

Country_code	Country	Format_name	Pollutant_name	Sector_code	Sector_name	Parent_sector_cod	Unit	Year	emissions	Notation	PublicationDate	DataSource
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	-	-4(V) Indirect N2O Emissions from Managed Soil:		4 Gg CO2 equivalent	2007	12.00106		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	-	-4(V) Indirect N2O Emissions from Managed Soil:		4 Gg CO2 equivalent	2017	14.95187		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	-	-4(V) Indirect N2O Emissions from Managed Soil:		4 Gg CO2 equivalent	2019	14.99876		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.1	1.1 - Energy	Sectors/Totals_incl	Gg CO2 equivalent	1995	54279.45302		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.1	1.1 - Energy	Sectors/Totals_incl	Gg CO2 equivalent	2018	54573.36984		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1	1.A.1 - Energy Industries	1.AA	Gg CO2 equivalent	1993	11628.85487		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1	1.A.1 - Energy Industries	1.AA	Gg CO2 equivalent	1995	13061.97196		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1	1.A.1 - Energy Industries	1.AA	Gg CO2 equivalent	2009	12444.88398		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1	1.A.1 - Energy Industries	1.AA	Gg CO2 equivalent	2016	10295.59255		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1	1.A.1 - Energy Industries	1.AA	Gg CO2 equivalent	2018	10062.20038		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1	1.A.1 - Energy Industries	1.AA	Gg CO2 equivalent	2020	8807.30064		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.a	1.A.1.a - Public Electricity and Heat Production	1.A.1	Gg CO2 equivalent	2016	7229.647		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.a	1.A.1.a - Public Electricity and Heat Production	1.A.1	Gg CO2 equivalent	2017	7905.9824		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.a	1.A.1.a - Public Electricity and Heat Production	1.A.1	Gg CO2 equivalent	2019	7066.65294		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.a	1.A.1.a - Public Electricity and Heat Production	1.A.1	Gg CO2 equivalent	2020	5778.80948		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.b	1.A.1.b - Petroleum Refining	1.A.1	Gg CO2 equivalent	1997	2644.77544		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.b	1.A.1.b - Petroleum Refining	1.A.1	Gg CO2 equivalent	2002	2570.42336		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.b	1.A.1.b - Petroleum Refining	1.A.1	Gg CO2 equivalent	2003	2693.1776		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.b	1.A.1.b - Petroleum Refining	1.A.1	Gg CO2 equivalent	2015	2810.85486		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.b	1.A.1.b - Petroleum Refining	1.A.1	Gg CO2 equivalent	2020	2738.01119		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.c	1.A.1.c - Manufacture of Solid Fuels and Other Ene	1.A.1	Gg CO2 equivalent	1992	523.34484		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.c	1.A.1.c - Manufacture of Solid Fuels and Other Ene	1.A.1	Gg CO2 equivalent	1996	261.73791		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.c	1.A.1.c - Manufacture of Solid Fuels and Other Ene	1.A.1	Gg CO2 equivalent	2001	245.94479		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.c	1.A.1.c - Manufacture of Solid Fuels and Other Ene	1.A.1	Gg CO2 equivalent	2007	264.84198		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.c	1.A.1.c - Manufacture of Solid Fuels and Other Ene	1.A.1	Gg CO2 equivalent	2017	259.91603		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.1.c	1.A.1.c - Manufacture of Solid Fuels and Other Ene	1.A.1	Gg CO2 equivalent	2020	290.47997		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2	1.A.2 - Manufacturing Industries and Construction	1.AA	Gg CO2 equivalent	1994	10366.19639		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2	1.A.2 - Manufacturing Industries and Construction	1.AA	Gg CO2 equivalent	1996	10850.06373		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2	1.A.2 - Manufacturing Industries and Construction	1.AA	Gg CO2 equivalent	2001	10112.93885		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2	1.A.2 - Manufacturing Industries and Construction	1.AA	Gg CO2 equivalent	2017	10744.22513		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2.a	1.A.2.a - Iron and Steel	1.A.2	Gg CO2 equivalent	1995	1510.74508		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2.a	1.A.2.a - Iron and Steel	1.A.2	Gg CO2 equivalent	2003	1832.86132		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2.a	1.A.2.a - Iron and Steel	1.A.2	Gg CO2 equivalent	2010	1427.07327		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2.a	1.A.2.a - Iron and Steel	1.A.2	Gg CO2 equivalent	2015	1419.04845		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2.a	1.A.2.a - Iron and Steel	1.A.2	Gg CO2 equivalent	2019	1832.61994		20220531	EEA
AT	Austria	IPCC Common Reporting Format	All greenhouse gases - (CO2 equivalent)	1.A.2.b	1.A.2.b - Non-Ferrous Metals	1.A.2	Gg CO2 equivalent	1992	126.7865		20220531	EEA

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