

Summary Greenhouse Gas emissions (tonnes CO ₂ e)		Scope 1
Sector	Sub-sector	Total tCO ₂ e
		DIRECT
Stationary energy	Residential buildings	211,617.78
	Commercial buildings & facilities	29,871.23
	Institutional buildings & facilities	24,237.14
	Industrial buildings & facilities	70,983.18
	Agriculture	3,827.67
	Fugitive emissions	29,661.16
Transportation	On-road	250,781.81
	Rail	6,789.95
	Waterborne navigation	950.57
	Aviation	NO
	Off-road	2,507.82
Waste	Solid waste disposal	12,923.78
	Biological treatment	NO
	Incineration and open burning	NO
	Wastewater treatment and discharge	12,355.44
IPPU	Industrial process	53,169.71
	Industrial product use	0.00
AFOLU	Livestock	24,099.56
	Land use	- 7,352.09
	Other AFOLU	NE
Generation of grid-supplied energy	Electricity-only generation	NO
	CHP generation	1,476.54
	Heat/cold generation	NO
	Local renewable generation	6.54

Scope 2	Scope 3	
Total tCO2e	Total tCO2e	Total tCO2e
INDIRECT	OTHER	TOTAL
86,053.16	44,777.90	342,448.85
50,720.02	12,371.77	92,963.02
11,012.67	5,141.39	40,391.20
61,912.61	21,771.98	154,667.77
1.21	903.60	4,732.49
-	NE	29,661.16
IE	IE	250,781.81
IE	1,599.07	8,389.02
IE	IE	950.57
IE	108,110.88	108,110.88
IE	NE	2,507.82
-	IE	12,923.78
-	IE	-
-	IE	-
-	NO	12,355.44
-	NE	53,169.71
-	NE	0.00
-	NE	24,099.56
-	NE	- 7,352.09
-	NE	-
-	NO	-
-	256.96	1,733.49
-	NO	-
NO	NO	6.54

Notation keys:
Not Occuring
Integrated Elsewhere
Not Estimated
Confidential
Combination of notation keys
N/A
Required
Optional

Summary of notation keys available

Scope / table tag
Direct/AFOLU > Land use
Direct/AFOLU > Land use
Direct/AFOLU > Land use
Direct/AFOLU > Livestock
Direct/AFOLU > Other AFOLU
Direct/Generation of grid-supplied energy > CHP generation
Direct/Generation of grid-supplied energy > Electricity
Direct/Generation of grid-supplied energy > Heat/cold
Direct/Generation of grid-supplied energy > Local renewable
Direct/IPPU > Industrial process
Direct/IPPU > Product use
Direct/Stationary energy > Agriculture
Direct/Stationary energy > Agriculture
Direct/Stationary energy > Commercial buildings & facilities
Direct/Stationary energy > Fugitive emissions
Direct/Stationary energy > Industrial buildings & facilities
Direct/Stationary energy > Institutional buildings & facilities
Direct/Stationary energy > Residential buildings
Direct/Transportation > Aviation
Direct/Transportation > Off-road
Direct/Transportation > On-road
Direct/Transportation > Rail
Direct/Transportation > Waterborne navigation
Direct/Waste > Biological treatment
Direct/Waste > Incineration and open burning
Direct/Waste > Solid waste disposal
Direct/Waste > Wastewater
Indirect/Generation of grid-supplied energy > Local renewable
Indirect/Stationary energy > Agriculture
Indirect/Stationary energy > Commercial buildings & facilities
Indirect/Stationary energy > Industrial buildings & facilities
Indirect/Stationary energy > Institutional buildings & facilities
Indirect/Stationary energy > Residential buildings
Indirect/Transportation > Aviation
Indirect/Transportation > On-road
Indirect/Transportation > Rail
Indirect/Transportation > Waterborne navigation
Other/Generation of grid-supplied energy > CHP generation
Other/Generation of grid-supplied energy > Electricity
Other/IPPU > Product use
Other/Stationary energy > Agriculture
Other/Stationary energy > Agriculture
Other/Stationary energy > Commercial buildings & facilities
Other/Stationary energy > Industrial buildings & facilities
Other/Stationary energy > Institutional buildings & facilities
Other/Stationary energy > Residential buildings
Other/Transportation > Aviation
Other/Transportation > Off-road

Other/Transportation > On-road
Other/Transportation > On-road
Other/Transportation > Rail
Other/Transportation > Rail
Other/Transportation > Waterborne navigation
Other/Transportation > Waterborne navigation
Other/Waste > Biological treatment
Other/Waste > Incineration and open burning
Other/Waste > Solid waste disposal

Other/Waste > Wastewater

Grand Total

Livestock

Land use

Other AFOLU

Industrial Process

Fugitive emissions

end

Scope / summary	Reason Code (pulled through only where applicable)		
Direct/Land use	IE	<i>Integrated Elsewhere</i>	<i>Not Occuri</i>
Direct/Land use	NE	<i>Not Estimated</i>	<i>Integrated</i>
Direct/Land use	NO	<i>Not Occuring</i>	<i>Not Estima</i>
Direct/Livestock	NO	<i>Not Occuring</i>	
Direct/Other AFOLU	NE	<i>Not Estimated</i>	
Direct/CHP generation	NO	<i>Not Occuring</i>	
Direct/Electricity-only generation	NO	<i>Not Occuring</i>	
Direct/Heat/cold generation	NO	<i>Not Occuring</i>	
Direct/Local renewable generation	NO	<i>Not Occuring</i>	
Direct/Industrial process	NO	<i>Not Occuring</i>	
Direct/Industrial product use	NO	<i>Not Occuring</i>	
Direct/Agriculture	NE	<i>Not Estimated</i>	
Direct/Agriculture	NO	<i>Not Occuring</i>	
Direct/Commercial buildings & facilities	NO	<i>Not Occuring</i>	
Direct/Fugitive emissions	NO	<i>Not Occuring</i>	
Direct/Industrial buildings & facilities	NO	<i>Not Occuring</i>	
Direct/Institutional buildings & facilities	NO	<i>Not Occuring</i>	
Direct/Residential buildings	NO	<i>Not Occuring</i>	
Direct/Aviation	NO	<i>Not Occuring</i>	
Direct/Off-road	NO	<i>Not Occuring</i>	
Direct/On-road	NO	<i>Not Occuring</i>	
Direct/Rail	NO	<i>Not Occuring</i>	
Direct/Waterborne navigation	NO	<i>Not Occuring</i>	
Direct/Biological treatment	NO	<i>Not Occuring</i>	
Direct/Incineration and open burning	NO	<i>Not Occuring</i>	
Direct/Solid waste disposal	NO	<i>Not Occuring</i>	
Direct/Wastewater treatment and discha	NO	<i>Not Occuring</i>	
Indirect/Local renewable generation	NO	<i>Not Occuring</i>	
Indirect/Agriculture	NO	<i>Not Occuring</i>	
Indirect/Commercial buildings & facilities	NO	<i>Not Occuring</i>	
Indirect/Industrial buildings & facilities	NO	<i>Not Occuring</i>	
Indirect/Institutional buildings & facilities	NO	<i>Not Occuring</i>	
Indirect/Residential buildings	NO	<i>Not Occuring</i>	
Indirect/Aviation	IE	<i>Integrated Elsewhere</i>	
Indirect/On-road	IE	<i>Integrated Elsewhere</i>	
Indirect/Rail	IE	<i>Integrated Elsewhere</i>	
Indirect/Waterborne navigation	IE	<i>Integrated Elsewhere</i>	
Other/CHP generation	NO	<i>Not Occuring</i>	
Other/Electricity-only generation	NO	<i>Not Occuring</i>	
Other/Industrial product use	NE	<i>Not Estimated</i>	
Other/Agriculture	NE	<i>Not Estimated</i>	
Other/Agriculture	NO	<i>Not Occuring</i>	
Other/Commercial buildings & facilities	NO	<i>Not Occuring</i>	
Other/Industrial buildings & facilities	NO	<i>Not Occuring</i>	
Other/Institutional buildings & facilities	NO	<i>Not Occuring</i>	
Other/Residential buildings	NO	<i>Not Occuring</i>	
Other/Aviation	NO	<i>Not Occuring</i>	
Other/Off-road	NE	<i>Not Estimated</i>	

Other/On-road	IE	<i>Integrated Elsewhere</i>
Other/On-road	NO	<i>Not Occuring</i>
Other/Rail	IE	<i>Integrated Elsewhere</i>
Other/Rail	NO	<i>Not Occuring</i>
Other/Waterborne navigation	IE	<i>Integrated Elsewhere</i>
Other/Waterborne navigation	NE	<i>Not Estimated</i>
Other/Biological treatment	IE	<i>Integrated Elsewhere</i>
Other/Incineration and open burning	IE	<i>Integrated Elsewhere</i>
Other/Solid waste disposal	IE	<i>Integrated Elsewhere</i>
Other/Wastewater treatment and discha	NO	

Indirect/Off-road	IE
Other/Heat/cold generation	NO
Other/Local renewable generation	NO
Other/Livestock	NE
Other/Land use	NE
Other/Other AFOLU	NE
Other/Industrial Process	NE
Other/Fugitive emissions	NE
<i>end</i>	<i>end</i>