

<b>Summary Greenhouse Gas emissions (tonnes CO2e)</b>		Scope 1
Sector	Sub-sector	Total tCO2e
		DIRECT
<b>Stationary energy</b>	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
<b>Transportation</b>	On-road	250,781.81
	Rail	6,789.95
	Waterborne navigation	950.57
	Aviation	NO
	Off-road	2,507.82
<b>Waste</b>	Solid waste disposal	12,923.78
	Biological treatment	NO
	Incineration and open burning	NO
	Wastewater treatment and discharge	12,355.44
<b>IPPU</b>	Industrial process	53,169.71
	Industrial product use	0.00
<b>AFOLU</b>	Livestock	24,099.56
	Land use	- 7,352.09
	Other AFOLU	NE
<b>Generation of grid-supplied energy</b>	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

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Other/Waste > Wastewater

**Grand Total**

*Livestock*

*Land use*

*Other AFOLU*

*Industrial Process*

*Fugitive emissions*

**end**

<b>Scope / summary</b>	<b>Reason Code (pulled through only where applicable)</b>		
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	

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



NO  
IE  
NE