

# Deloitte’s greenhouse gas emissions

## Progress toward goals – WorldClimate

Goal description	Goal year	Goal	FY2023 progress
Reduce Scope 3 GHG emissions from business travel 50% per FTE by FY2030 from a FY2019 base year	2030	50%	64%

Environmental sustainability	FY2023	FY2022	FY2021	FY2019 <i>(base year)</i>
Deloitte US GHG emissions by scope and source¹	Metric tons CO2e			
Scope 1 GHG emissions by source				
Fuel combustion in buildings²	4,353	4,038	2,928	4,250
Vehicle fleet (internal combustion engine)	662	705	638	1,392
Total Scope 1 emissions	5,015	4,743	3,566	5,642
Scope 2 GHG emissions by source				
Electricity in buildings (market-based)	90,474	70,520	61,939	109,061
Emissions avoided via EACs³	90,474	70,520	61,939	—
Total Scope 2 emissions	—	—	—	109,061
Scope 3 GHG emissions by source				
Business travel: air travel (tank-to-wake emissions)	190,899	54,530	3,296	291,101
Business travel: other sources	61,471	36,638	11,267	147,528
Total business travel emissions	252,370	91,168	14,563	438,629
Purchased goods and services (PG&S)⁴,⁵	491,960	267,622	139,041	166,626
Total Scope 3 emissions	744,330	358,790	153,604	605,255
GHG emissions totals⁶				
Gross GHG emissions	749,345	363,533	157,170	719,958
Beyond value chain mitigation: carbon credit purchases⁷	749,345	363,533	157,170	291,101
Percentage of gross GHG emissions addressed through carbon credit purchases	100%	100%	100%	40%
Gross GHG emissions per FTE	4.38	2.32	1.29	6.81
Reduction of gross GHG emissions per FTE from FY2019 levels	36%	66%	81%	

1. Please refer to Deloitte's 2023 [Global Impact Report: Performance metrics and reporting frameworks](#) for additional details on reporting methodology.

2. Note that fuel combustion in buildings may vary dramatically year over year depending on the timing of when fuel tanks are filled (e.g., diesel generator tanks may not be filled every year).

3. Deloitte US procures and claims renewable energy in accordance with the Climate Group's RE100 Technical Criteria and Global Reporting Initiative (GRI) topic standard GRI 302: Energy 2016.

4. Because activity data is not readily available, Scope 3 PG&S emissions are calculated using data collected from select suppliers, combined with broad estimations of emissions per amount spent by purchasing category. As such, the uncertainty around these reported emissions is high.

5. Updated CDP emission factors had a significant impact on FY2023 PG&S emissions. The updated emission factors were not applied retrospectively to prior fiscal years, contributing to the reported year-over-year increase.

6. The environmental data outlined in the chart above is included, together with additional environmental data from the network of Deloitte member firms, in the [Environmental Performance Data Limited Assurance Report for FY2023](#) completed for Deloitte Global by an independent third party as noted in the Deloitte Global FY2023 [Basis of Reporting](#).

7. In FY2021, FY2022, and FY2023 we purchased carbon credits from Climate Impact Partners. Climate Impact Partners is a founding member of the International Carbon Reduction and Offset Alliance (ICROA) and complies with the ICROA Code of Best Practice through an annual audit. The carbon credits we purchased were from carbon avoidance and carbon removal projects. Details about the projects are available below. All the credits we purchased met one of the following standards: American Carbon Registry; Climate Action Reserve; Climate, Community & Biodiversity; Clean Development Mechanism; Gold Standard; or Verified Carbon Standard.

Carbon credit purchases

Project	Project registry name	Registry & ID	Project type	Site location	Protocol / methodology
14trees sustainable building	Durabric Bricks Project by 14trees in Malawi: VPA (01)	GS-7531	Avoidance/ emission reduction	Malawi	AMS-III.Z. Fuel Switch = 159, process improvement and energy efficiency in brick manufacture
Albany Water IFM	Albany Water Board – improved forest management project	ACR-424	Avoidance/ emission reduction	USA	Improved Forest Management Methodology for Quantifying GHG Removals and Emission Reductions through Increased Forest Carbon Sequestration on Non-Federal U.S. Forestlands, Version 1.3. (April 2018)
Andhra Pradesh Solar	Solar energy project(s) by SB Energy Private Limited	VCS-1805	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
Andhra Pradesh Wind	Renewable power project by Animala Wind Power Private Limited	VCS-1787	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
Andipatti Wind Power	Grid-connected wind energy project in Tamil Nadu	CDM-7416	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
Colorado Grassland Raven’s Nest	Raven’s Nest Nature Preserve	CAR-1237	Avoidance/ emission reduction	USA	CAR Grassland Project Protocol
Colorado Grasslands	Heartland Ranch Phase 1 • Heartland Ranch Phase 2	CAR-1238, 1299	Avoidance/ emission reduction	USA	CAR Grassland Project Protocol
Cuel Wind Power Project	Cuel Wind Farm Project	CDM-6635	Avoidance/ emission reduction	Chile	ACM0002 – Grid-connected electricity generation from renewable sources
Delhi Electric Rail Systems	Metro Delhi, India	CDM-4463	Avoidance/ emission reduction	India	ACM0016 – Mass Rapid Transit Projects
Domestic Energy Systems	Integrated Domestic Energy Systems (IDES) for clean energy access and clean cooking in rural households in India	GS-7466	Avoidance/ emission reduction	India	AMS-II.G. Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass
Harapanahalli Wind Power	Wind energy project in Harapanahalli, Karnataka	VCS-1482	Avoidance/ emission reduction	India	AMS-II.G. Energy Efficiency Measures in Thermal Applications of Non-Renewable Biomass
Industrial Process Emission Reduction	Foam Blowing Agent Project 001C • Foam Blowing Agent Project 005	ACR-447, 556	Avoidance/ emission reduction	USA	Methodology for the Quantification, Monitoring, Reporting, and Verification of Greenhouse Gas Emissions Reductions and Removals from the Transition to Advanced Formulation Blowing Agents in Foam Manufacturing and Use, Version 2.0
Jath Wind Power	Wind power project of CLP Wind Farms (India) Private Limited at Jath	VCS-1479	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
Karnataka Nandi Wind	50.4 MW wind power project by EN Renewable Energy Pvt. Ltd	CDM-4364	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
Karnataka Tadas Wind Project	Tadas wind farm in Karnataka	CDM-9083	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources

Carbon credit purchases, cont.

Project	Project registry name	Registry & ID	Project type	Site location	Protocol / methodology
Karst Mountain Afforestation Portfolio	Guinan Afforestation Project	VCS-2070	Removal	China	AR-ACM0003 Afforestation and reforestation of lands except wetlands
Kootznoowoo IFM Alaska	ANEW – Kootznoowoo Native Community Forestry Project	ACR-499	Removal	USA	Improved Forest Management (IFM) on Non-Federal US Forestlands
Mississippi Valley Reforestation	GreenTrees ACRE (Advanced Carbon Restored Ecosystem)	ACR-114	Removal	USA	ACR Methodology for Afforestation and Reforestation of Degraded Land v1.2
Montana Grasslands	Bluesource – Carroll Avoided Grassland Conversion Project	CAR-1247	Avoidance/ emission reduction	USA	Climate Action Reserve Grassland Project Protocol
Ningxia Wind Power	Ningxia Taiyangshan 45MW Wind Farm Project • Ningxia Taiyangshan Wind Farm Second Phase 49.5MW Project • Ningxia Mahuangshan Phase I 49.5MW Wind Farm Project • Ningxia Hongsipu Phase II 49.5MW Wind Farm Project	CDM-3660, 4317, 4451, 4521	Avoidance/ emission reduction	China	ACM0002 – Grid-connected electricity generation from renewable sources
Rural Clean Cooking	Household biogas plants installed in rural areas of Uttar Pradesh and Gujarat	GS-2520	Avoidance/ emission reduction	India	AMS-I.E Switch from non-renewable biomass for thermal applications by the user
SELCO Solar Energy Access	SELCO clean energy products grouped project	VCS-1495	Avoidance/ emission reduction	India	AMS-I.J; Solar Water Heating Systems, AMS-II.F. Energy efficiency and fuel switching measures for agricultural facilities and activities
Seneca Meadows Landfill Gas	Seneca Meadows LFG	ACR-126	Avoidance/ emission reduction	USA	Offset Project Methodology for Landfill Methane Collection and Combustion
Solar Water Heating	Solar water heater program in India – POA	GS-3378	Avoidance/ emission reduction	India	AMS-I.C. Thermal energy production with or without electricity
Telengana and Maharashtra Solar	Grid-connected solar energy project	VCS-1890	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
Theni Wind Power	Grid-connected wind power project in Tamil Nadu	CDM-7415	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources
West India Wind Power	Wind power project Of CLP Wind Farms (India) Private Limited	VCS-1257	Avoidance/ emission reduction	India	ACM0002 – Grid-connected electricity generation from renewable sources

Note: Project details were provided by Climate Impact Partners.

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