

Activity type	Responsibility	GHG Scope	Percent total of CU emissions (2019)(CU Baseline year) (Morningside +)	Emissions category	Our plan	Action to date
Building NZ	CU Facilities & Operations	1	19%	Gas & Oil	Electrification of CU central energy plants and building utilities	Electrification study completed in 2023
	CU Facilities & Operations	1	1%	Fugitive emissions		
	All departments	1	0.3%	Columbia owned fleet vehicles	Electrification of campus vehicles	40% of CU fleet now hybrid or electric
	CU Facilities & Operations	2	11%	Purchased electricity	NY State plans for 70% renewable energy grid by 2030, and 100% by 2040.	Visit NY State website [LINK] https://www.nyserda.ny.gov/Impact-Renewable-Energy
					Electrification of CU central energy plants and building utilities	Electrification study completed in 2023
					Renewable energy credits (RECs)	Purchasing of RECs and energy conservation retrofits
					Energy conservation retrofits - eg: LED lighting and windows	Prioritized energy conservation retrofits. Implementation ongoing
	CU Facilities & Operations	3	35%	Capital Goods. Eg: construction materials	New Columbia-specific responsible design and construction standards	In development
					All new CU buildings must at least meet LEED certified Silver level	Over 17 CU buildings now LEED certified [LINK] https://sustainable.columbia.edu/content/leed-certified-buildings-columbia
	All departments	3	0.3%	Contracted fleet vehicle	Electrification of buses used on CU shuttle bus routes	Six new battery electric buses replaced diesel buses in 2018 [LINK] https://sustainable.columbia.edu/news/columbia-university-electric-shuttle-buses-hit-road
Electrification of night ride service vehicles					All NYC for hire vehicles mandated to be EV by 2030	
Living NZ	All departments	3	25%	Purchased goods and services	Department engagement and action	University spend-base analysis complete. Ongoing engagement
	All departments	3	5%	Business travel	Department engagement and action	Emissions reported annually. Ongoing engagement
	All departments	3	3%	Commute travel	Department engagement and action	Free shuttles and sustainable commute services offered via Columbia Transportation website [LINK]
	All departments	3	1%	Waste	Department engagement and action	Sustainable event guidelines complete. Ongoing engagement

This chart is intended to give an overview of Columbia emission impact areas. The nature of emissions reporting varies by category and includes both actual data and spend data analysis. Therefore, the percent emissions listed are general. Additionally there are other Scope 3 emission categories not listed.