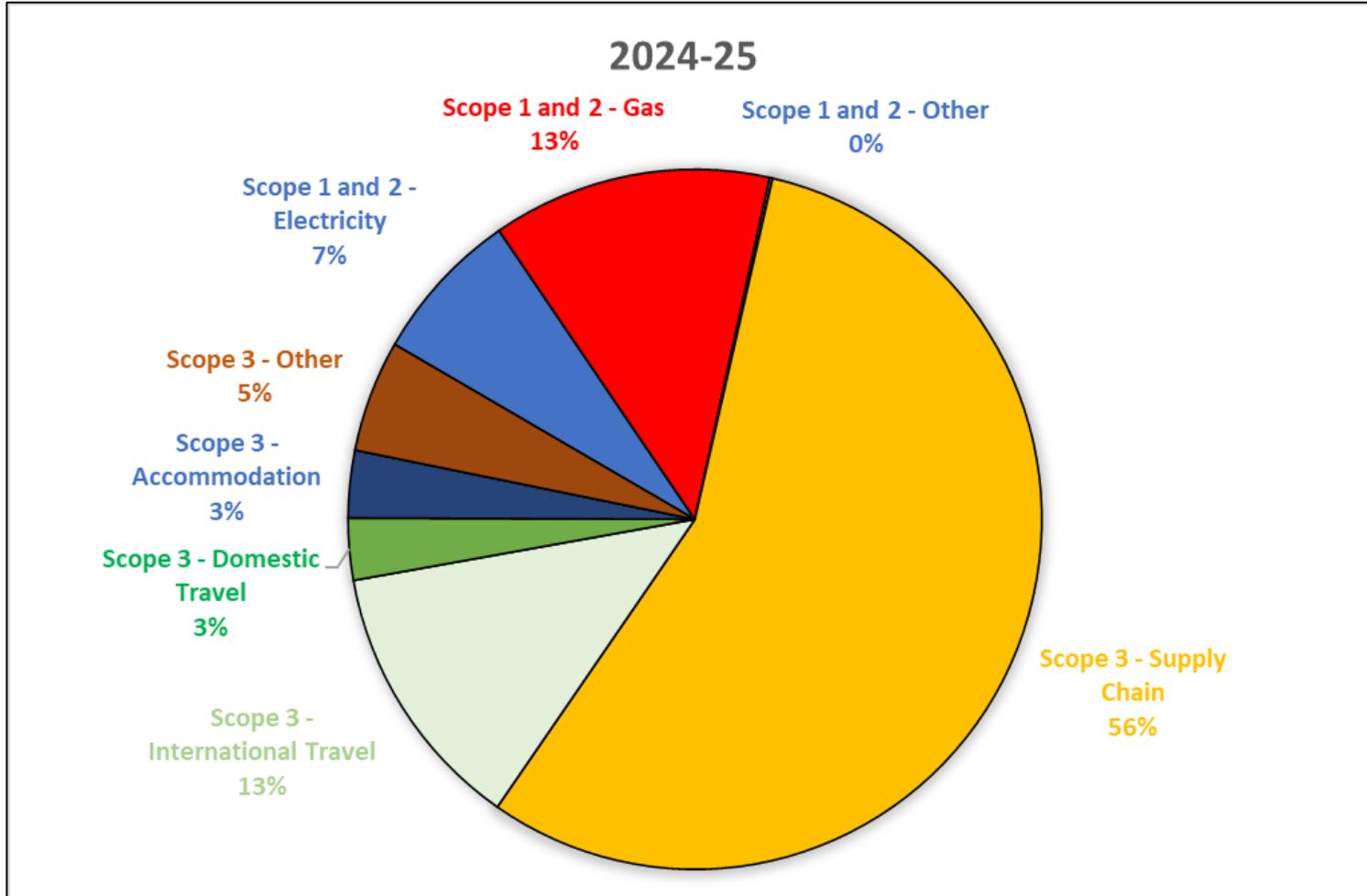
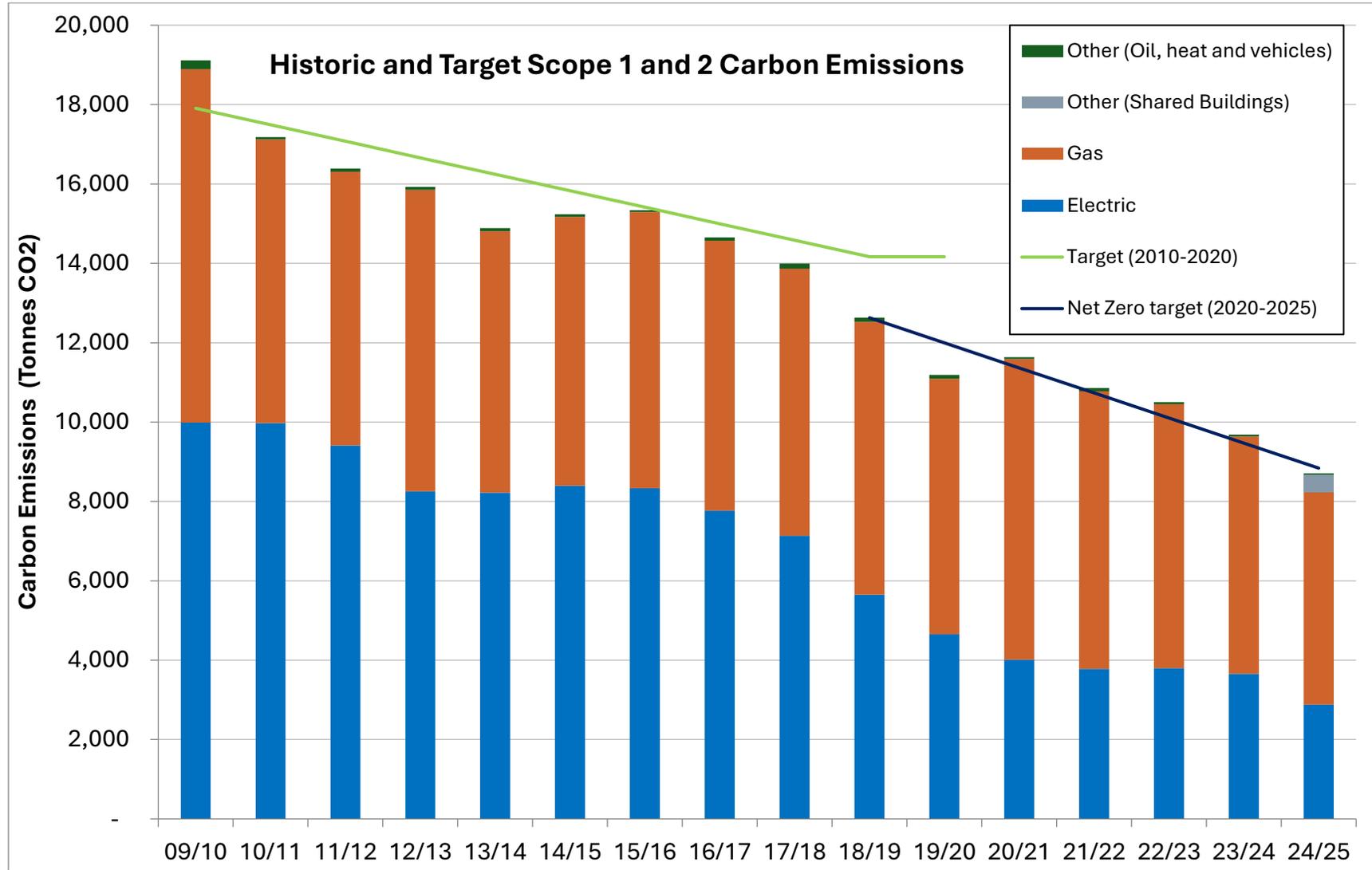


University of Kent Carbon Emissions 2024/25

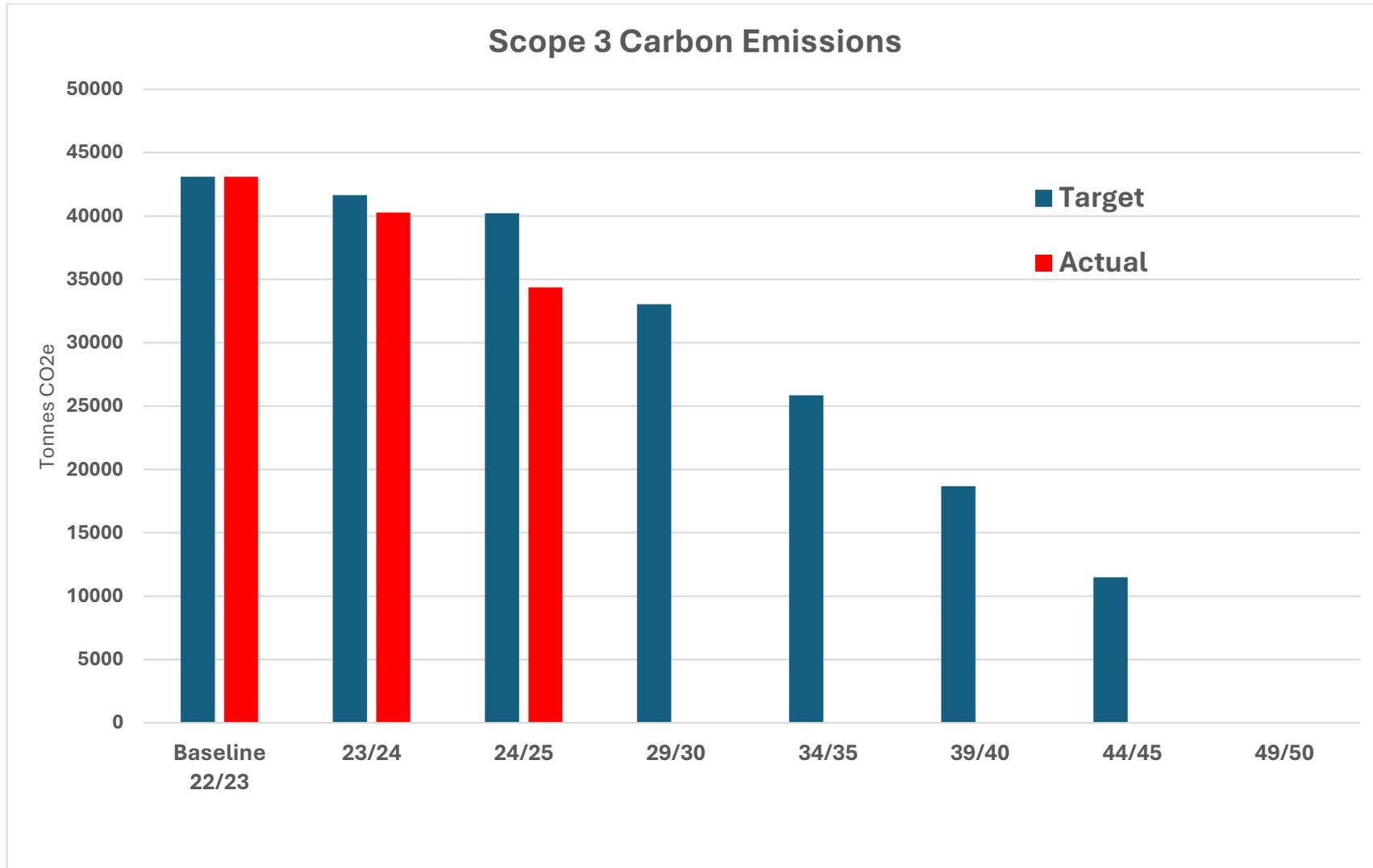
Our full emissions footprint for 2024/25 was **43,106.3 tonnes CO₂eq**. This represents a 14.7% reduction compared to 2023/24. A breakdown of this total footprint by emissions source is given in the chart below. Full data for each emissions category can be found in the table at the end of this document.



Progress against targets – Scope 1 & 2



Progress against targets – Scope 3



Detailed Carbon Emissions 2024/25 by Scope

	Scope 1: Direct GHG Emissions	Description	2023/24 Total Emissions (tCO ₂ e)	2024/25 Total Emissions (tCO ₂ e)	% Change
1.01a	Natural Gas - Canterbury - Residential	Combustion of natural gas in on-site boilers (Canterbury) for residential use	2,436.8	2,277.7	-6.53%
1.01b	Natural Gas - Canterbury - Non-Residential	Combustion of natural gas in on-site boilers (Canterbury) for non-residential use	3,546.7	3,080.7	-13.14%
1.02	Natural Gas - Medway	Combustion of natural gas in on-site boilers (Medway)	191.2	160.2	-16.22%
1.03	Natural Gas - Shared Buildings	Combustion of natural gas in on-site boilers in buildings shared with other users	102.5	91.8	-10.49%
1.04	Fleet (owned/operated)	Fuel (e.g. diesel, petrol) combusted in vehicles owned or leased by the organisation. This captures where the organisation purchases the fuel itself. To include any institution owned equipment e.g. tractors and farm equipment.	28.8	26.3	-8.68%
1.05	Refrigerants F Gas - Estates	Emissions from leakage of refrigerants where these have a Global Warming Potential (GWP) - Through main CSE F-Gas contractors	37.8	29.3	-22.57%
1.06	Refrigerants F Gas - Catering	Emissions from leakage of refrigerants where these have a Global Warming Potential (GWP) - Through catering kitchen F-Gas contractors	3.5	No data available	No data available

1.08	Other fuels	Combustion of other fuels (e.g. diesel) in owned or controlled premises e.g. used in generators	1.4	1.4	4.41%
		TOTAL SCOPE 1	6,348.7	5,667.4	-10.73%
	Scope 2: Indirect GHG emissions		2023/24 Total Emissions (tCO₂e)	2024/25 Total Emissions (tCO₂e)	% Change
2.01a	Purchased Electricity – Canterbury - Residential	Purchased electricity (Canterbury) i.e. fuel is combusted by another organisation but the energy created is purchased by the reporting organisation.	742.5	640.7	-13.71%
2.01b	Purchased Electricity – Canterbury – Non-Residential	Purchased electricity (Canterbury) i.e. fuel is combusted by another organisation but the energy created is purchased by the reporting organisation.	2,913.9	2,243.0	-23.02%
2.02	Purchased Electricity - Medway	Purchased electricity (Medway) i.e. fuel is combusted by another organisation but the energy created is purchased by the reporting organisation.	145.1	101.7	-29.91%
2.03	Purchased Electricity - Shared Buildings	Purchased electricity i.e. fuel is combusted by another organisation but the energy created is purchased by the reporting organisation In buildings shared with other users	101.1	81.5	-19.39%
		TOTAL SCOPE 2	3,902.6	3,066.9	-21.41%
	Scope 3: Other indirect GHG emissions		2023/24 Total Emissions (tCO₂e)	2024/25 Total Emissions (tCO₂e)	% Change
3.01	Purchased goods and services	Procurement (supply chain) emissions of goods and services purchased for the operation (operational expenditure -OPEX) of the organisation	23767	24163.28	1.67%

3.02		Water procurement (supply chain) emissions of purchased water	44.08	52.44	18.97%
3.04	Fuel- and energy-related activities	WTT emissions from Natural Gas (Scope 1). Upstream (supply chain) emissions reflecting emissions associated with getting fuel/energy to point of use (i.e. well-to-tank, transmission & distribution).	988.3	926.4	-6.27%
3.05	Fuel- and energy-related activities	WTT emissions for electricity (Scope 2) These are covered by the Transmission and Distribution (T&D) Scope 3 emissions linked to supply of Electricity	1,203.8	1,185.2	-1.55%
3.06	Fuel- and energy-related activities	WTT emissions from Fuel (Scope 1). Upstream (supply chain) emissions reflecting emissions associated with getting fuel/energy to point of use (i.e. well-to-tank, transmission & distribution).	6.8	7.8	14.26%
3.08	Waste generated in operations	Disposal and treatment of waste and recycling	8.816	9.2	4.36%
3.09		Disposal and treatment of Waste Water	50.8	44.5	-12.40%
3.10	Emissions associated with transportation (and related, e.g. hotels) of employees for business-related activities.	Business Travel Flights (Booked through Key Travel) inc WTT	824.99	777.94	-5.70%
3.11		Rail (Key Travel) inc WTT	35.72	38.26	7.11%
3.12		Non-Key air and rail travel inc WTT	110	130.69	18.81%
3.13		Grey Fleet - Private Vehicles inc WTT	33.8	31	-8.28%
3.15		Taxi inc WTT	2.4	86.99	3524.58%
3.16		Coach	14.37	209.28	1356.59%
3.17		Campus Shuttle Service	249.38	223.36	-10.43%
3.18		Hotels - Business	72.28	81.62	12.92%
3.19	Employee Commuting	Staff Commuting - Emissions from transportation of employees between their homes and their	28.50	136.337	378.38%

3.20		Staff homeworking - This also includes emissions associated with remote working	110.3	110.3	0.00%
3.22	Downstream transportation & distribution	Student day-to-day commuting - Transportation of students to the institution from their term-time address	1973.643	184.616	-90.65%
3.23		International Student Travel - Transportation of International students from country of origin to University at beginning and end of academic year	9225.68	4634.89	-49.76%
3.24		Student end of term commuting - Transportation of UK based students to the institution from their home address	No data available	No data available	No data available
3.25		Student Accommodation - Student accommodation and halls of residence that are on-site but owned/managed by an external organisation (UPP)	1531	1338	-12.61%
		TOTAL SCOPE 3	40,281.66	34,372.02	-14.67%
		TOTAL SCOPE 1,2 and 3	50,532.98	43,106.30	-14.70%