

Glasgow Caledonian University – Operational Sustainability (SMART) Targets

Version 1 – Sustainability Forum 7/6/2023

	Emissions & Discharges	Community Involvement	Biodiversity	Waste & Recycling	Travel & Transport	Sustainable Procurement	Water	Asbestos	Food	Fairtrade
Target	Zero discharges (air, land or water) of f-gases and other chemical substances.	Develop new Community Engagement Plan by the end of 2023-24.	Enhance biodiversity on Campus by 2029-30. Establish methodologies for baselining by Sept 2023.	<375 tonnes waste arising from the University operations by 2026-27.	Scope 1 and 3 (travel) emissions <13,000 tCO ₂ e by 2025-26.	Embed sound ethical, social and environmental policies within the Institution's procurement function.	[1] <2,000 litres student + staff FTE, [2] <300 litres m ² GIA and [3] total Scope 3 emissions from supply of water <2tCO ₂ e by 2029-30.	Zero accidental disturbance of asbestos containing materials	Various (inc. Food for Life Served Here Silver, Fairtrade, Living Wage Employer).	Fairtrade Award (2 star) by 2023-24
Baseline	Zero.	All sustainability plans must include as many of the following as appropriate: - Improve performance. - Reduce costs. - Develop transferable skills. - Foster academic collaboration. - Contribute to the SDG.	Baseline to be set by Sept 2023 once appropriate methodologies have been determined.	468 tonnes wastes arising - average for 2016-17, 2017-18 and 2018-19.	2014-15 - 19,547 tCO ₂ e Scope 1 and 3 (travel).	Maintain	2018-19 [1] 2,670 litres student + staff FTE, [2] 460 litres m ² GIA and [3] total Scope 3 emissions from supply of water were 13.45 tCO ₂ e (UK emission factor).	Zero	N/A	Fairtrade Award (1 Star) 2021-22
Document	EMS - Procedures ab	Development principles.	Biodiversity Plan (2023)	Circular Economy Plan (2022)	Sustainable Travel Plan (2021)	Procurement Strategy & Action Plan (2023-24)	Water Efficiency Plan (2023)	Asbestos Management Plan	Sustainable Food Policy (2023)	Fairtrade Policy
Action	Adequate maintenance of f-gas containing equipment. RAMS for work with chemical substances. EMS Operational Control Procedures: Haz. Substances; Discharges to water; and Emissions to air.	- Consult on development of new community engagement plan (to expand on above principles as set-out in baseline). - develop new community engagement plan.	Biodiversity Plan (2023) Implementation Document	Circular Economy Plan (2022) Implementation Document	Sustainable Travel Plan - List of Measures - Progress Update(s)	- Prioritisation, - Life Cycle Impact Mapping - Sustainability Test - Flexible Framework - Sustain Supply Chain Code of Conduct - Ecovadis - Electronics Watch	Water Efficiency Plan (2023) Implementation Document	Annual re-inspection surveys of asbestos containing materials. Asbestos awareness training. Adequate asbestos surveys in place for works that will be intrusive.	Sustainable Food Policy (2023) Implementation Plan	Fairtrade Plan (2022)
Period	On-going	2018-19 to 2023-24	2022-24 to 2029-30.	2021-22 to 2026-27	2021-22 to 2025-25	2023-24	2018-19 to 2029-30	On-going.	On-going.	2020-21 to 2023-24
SDG(s) Target(s)	6.3; 12.4; 13.2; 14.1	4.7; 12.2; 12.8; 13.3	12.8; 13.3; 15.8-9	8.4; 11.6; 12.3-5; 12.7-8; 13.3	1.2; 3.4; 3.9; 11.2; 13.3.	8.7; 12.1; 12.7		N/A	2.1-2; 2.4; 3.4; 4.7; 14.4	See Fairtrade Foundation.
Resources	Included in maintenance/operation budgets for responsible departments (i.e. those involved in working with f-gases/chemical substances).	Community engagement activity included into individual thematic plans.	£18,450 over seven years (to 2029-30) at an average £2,700 per year.	Minimal, as most interventions are self-financing. Details in Circular Economy Plan (2022) Implementation Document	Sustainable Travel Plan - List of Measures - Progress Update(s) - mainly cost neutral.	Existing procurement function resources.	£175,000 over seven years (to 2029-30) at an average £25,000.	Incorporated within Estates and Facilities health and safety management.	Incorporated into catering contract. Engagement and student projects funded through sustainability budget.	Incorporated into catering contract. Engagement and student projects funded through sustainability budget.
Who responsible	Individuals identified in EMS doc.: 3.2.2 Roles Responsibilities Training Plan	Head of Operational Sustainability.	Head of Operational Sustainability; Senior Facilities Manager.	Head of Operational Sustainability.	Various. Identified as 'Delivery Partners' in Sustainable Travel Plan - List of Measures - Progress Update(s)	Head of Procurement	Various. Identified as 'Delivery Partners' in Water Efficiency Plan (2023) Implementation Document	Director of Estates	Chief Operating Officer & Deputy Vice-Chancellor Operations	- Student President - Chief Operating Officer & Deputy Vice-Chancellor Operations
How evaluated	ISO14001 certification.	- Environmental metrics (data for annual GHG reports). - List of student projects & academic collaborations.	- Urban green infrastructure index -wildlife/biodiversity surveys/counts.	-Data for annual GHG inventories. -Annual GHG reports.	-Data for annual GHG inventories. -Annual GHG reports. -Triennial travel surveys.	Annual Reporting	-Data for annual GHG inventories. -Annual GHG reports.	Health and safety incident reporting. Contractor supervision and management	- Primarily through the Soil Associations' Food for Life Served Here framework.	- Fairtrade Award -Fairtrade Progress Report