Environmental objectives (2024/25)

Green	Complete
Amber	In progress, on track
Red	Risk to delivery, delayed

Activities	Significant aspects	Environmental impacts	Objectives	SMART Targets	Owner(s)	ES alignment	£ impact	CO_2e impact	Status
Campus use	Waste management (hazardous, non-hazardous)	Waste generation, natural resource / material depletion	To improve the application of the waste hierarchy across NTU operations.	1. Achieve a 3% improvement in on-site segregation rates (i.e. 46%), over a 2022/23 baseline of 43%, for general waste, recyclable, and food waste streams.	LG, RT	Env. footprint, NTSU, suppliers, SDG9, SDG12			
				2. Disseminate new waste awareness materials across all 5 campuses by Dec'2024.	LG	Env. footprint, NTSU, SDG12			
			To monitor, advise on, and ensure compliance with all waste legislation impacting NTU operations.	3. Ensure compliance competency for identified responsible parties/roles across NTU Schools and Departments is at a 90% pass rate following targeted training.	LG	Env. footprint, SDG12			
				4. Monitor and manage compliance with SLAs in all NTU waste contracts.	LG, RT	Env. footprint, NTSU, suppliers, SDG9, SDG12			
	Energy use	Natural resource / material depletion, Scope 1 and 2 carbon emissions, air pollution	To support the implementation of energy-saving measures across existing and new estates projects.	5. Scope out new refurbishment projects using SKA assessment methodology, and where relevant/feasible, incorporate its measures into the design and future stages of the project.	JiM, CW	Env. footprint, suppliers, SDG7, SDG11. SDG12, SDG13			
				6. Identify, produce, and disseminate 5 new case studies showcasing best practice energy-saving solutions implemented across the NTU estate.	SB, LY	Env. footprint, SDG7, SDG11. SDG12, SDG13			
	Water use, discharges to sewer	Natural resource / material depletion, water pollution	To operate within the parameters of current effluent permits, consents and exemptions' conditions.	7. Measure, record and monitor relevant discharge water parameters (inc. volume, temperature, chemicals, frequency) for all planned activities across the NTU estate.	MG, JM	Env. footprint, SDG6, SDG12, SDG14			
Construction, refurbishment and maintenance	Discharges to air, land, water	Air pollution, land pollution, water pollution, Scope 1, 2 and 3 carbon emissions	To reduce the environmental risk and maximise the environmental opportunities within NTU estates projects and operations.	8. Produce Project Environmental Management Plans (PEMP) for all new construction/major refurbishment projects where NTU is Principal Contractor (PC), provide guidance on key environmental risks when NTU is not the PC, and monitor performance against these.	JM, SS, LG	Env. footprint, suppliers, SDG11, SDG12, SDG13, SDG14, SDG15			
				9. Scope new refurbishment projects using SKA assessment methodology, and where relevant/feasible, incorporate its measures into the design of the project.	JM, CW	Env. footprint, suppliers, SDG11, SDG12, SDG13, SDG14, SDG15			
Biodiversity	Building/campus design, construction/ demolition, grounds and landscaping	Damage/enhancement to ecology and wildlife, biodiversity loss/gain	To conserve and enhance the biodiversity of the NTU estate.	10. Ensure all applicable projects incorporate the findings of 2024 Biodiversity Net Gain (BNG) baseline surveys and make provisions to deliver at least 10% BNG.	JiM, LG	Env. footprint, suppliers, SDG3, SDG11, SDG14, SDG15			
				11. Ensure BNG competency for identified responsible parties/roles across NTU Schools and Departments is at a 90% pass rate following targeted training.	LG	Env. footprint, SDG14, SDG15			
Travel and transport	Fleet operations, staff travel, student travel	Natural resource / material depletion, air pollution, use of fossil fuels, Scope 1 and 3 carbon emissions	To promote and monitor sustainable travel options use by staff and students across all NTU campuses.	12. Measure sustainable travel options uptake across each campus and travel mode against 2023/24 data, and implement targeted interventions to increase uptake.	ES	Env. footprint, NTSU, SDG3, SDG10, SDG11, SDG12, SDG13			
			To identify the decarbonisation pathways for NTU owned/leased fleet.	13. Baseline current fleet vehicles including size, type, contract status, duration, and identify replacement options including key considerations (e.g. carbon, cost, range).	ES, LS	Env. footprint, suppliers, SDG3, SDG11, SDG12, SDG13			
Procurement	Purchasing of goods and services	Natural resource/ material depletion, waste generation, Scope 3 carbon emissions	To identify, monitor and reduce key environmental impacts of NTU purchasing activities.	14. Review the 12-month NTU Procurement work plan 2024/25, identify high environmental risk/opportunity tenders, and develop appropriate criteria to minimise/maximise these accordingly in each exercise.	CD, KB	Env. footprint, suppliers, SDG8, SDG12, SDG13			
				15. Ensure environmental impacts competency for buyers across NTU Schools and Departments is at a 90% pass rate following targeted training.	LG	Env. footprint, suppliers, SDG12, SDG13			