

Green-Metrics and UBB improvements

Nottingham Trent University's position as 2nd globally demonstrates that the following strategies deliver results. UBB should systematically adopt proven approaches to move from place 122 to top 100

Energy & Infrastructure: NTU invested £1.5 million in energy-efficient renovations, including LED lighting with smart controls in Newton building. UBB has LED replacement in most buildings (grade 3/4) but lacks smart controls.

Waste Management: NTU's circular economy approach saves 5,320kg waste through the Warp It platform. The Student Professional Wardrobe collected 2,477kg clothing, providing clothes to 1,094 students. UBB has basic selective collection (grade 4) but no furniture reuse or clothing programs. Recommendation: establish Warp It equivalent

Sustainable Transport: NTU operates a Cycle Hub with 200 bikes (24 e-bikes), car-sharing reducing 600 single journeys, and 32 EV charging points (44,083 kWh used). Students receive 120 free monthly public transport journeys. UBB achieved 20% increase in bus pass sales but lacks bike-sharing and car-sharing.

Biodiversity: NTU achieved Platinum Hedgehog-Friendly Campus accreditation and Green Flag status for 13 years. UBB has 35% forest and 40% grassland coverage but lacks systematic wildlife tracking..

Curriculum Integration: NTU requires 100% SDG (Sustainable Development Guide) inclusion across all courses with Climate Fresk workshops for 150+ staff and 400+ students. UBB has specialized sustainability programs (grade 3) but incomplete SDG integration. Target: mandatory sustainability components in all programs by June 2025.

Recommendations:

- Immediate: Complete smart controls installation, launch bike-sharing program, establish furniture reuse platform.
- Mid-term: Long-term: Expanded EV infrastructure, Implement 100% SDG curriculum requirement