

Living Labs @ BU

Living Labs in the university context foster applied research and education by using their campuses to test real-time sustainability solutions, offering opportunities to all university stakeholders to turn theory into practice, to achieve greater engagement with the study material, and a more well-rounded educational experience (International Alliance of Research Universities 2014).

Title	BU2025	SDG	Who	Inspire learning	Advance knowledge	Enrich society	Other information
1. Bees on CH roof	44 & 45	15 Life on Land	Scitech/Estates/IT/Wurzberg University (HOBOS – HOneyBee Online Studies) with sponsorship by Organics/Local bee keepers society	TBC	Research into between bees and their environment	Partnership working on an issue that affects society through the loss of bees and the positive benefits they bring	https://grafana.biozentrum.uni-wuerzburg.de/d/Ygl4zCliz/bournemouth?refresh=5s&orgId=1 https://grafana.biozentrum.uni-wuerzburg.de/d/Ygl4zCliz/bournemouth?refresh=5s&orgId=1
2. CH planting and around TC	44 & 45	15 Life on Land	Estates/Scitech/Green Loop	Plants referred to in lectures (TBC)	Research on investigating modern dental wear on human volunteers of known edible plants (Egyptian papyrus stalks and rhizomes (Cyperus papyrus) planted outside CH) to create a record of distinctive tooth wear associated with African edible plants that hominin	Provide a detailed record that may explain some of the tooth wear that remains unidentified in fossil hominins, especially the extinct Paranthropus (Australopithecus) boisei from Olduvai Gorge which has a distinctive C4 (grass) signal in the stable carbon isotopes of the dental enamel (van der Merwe et al., 2008), but for which the edible sources are only surmised.	

					and ancient peoples may have used as part of their staple diet.		
3. Electric buses	45	11 Sustainable cities	Estates/Unibus/Student dissertation	Student outcomes through placement	Research into business case for electric buses	Significant reduction in pollution. Zero carbon solution (at point of use)	
4. Ecological KPIs	45	15 Life on Land	Estates/Scitech/Student dissertation	Student attributes through placement	BU green spaces	Opportunities for enhancing green spaces on TC	
5. Healthier foods	45	2 Zero Hunger	Chartwells/Student placement	Student attributes through placement	Nutritional value of food offer	Provide more appetising and nutritional foods for staff and students	
6. BU2025	44 & 45	16 Peace justice and strong institutions	All staff	All UG/PG courses to incorporate UN SDGs by 2025	All research aligned to UN SDGs by 2025	Impact of delivering Fusion model through campus operations, educating students and research aimed at global challenges	