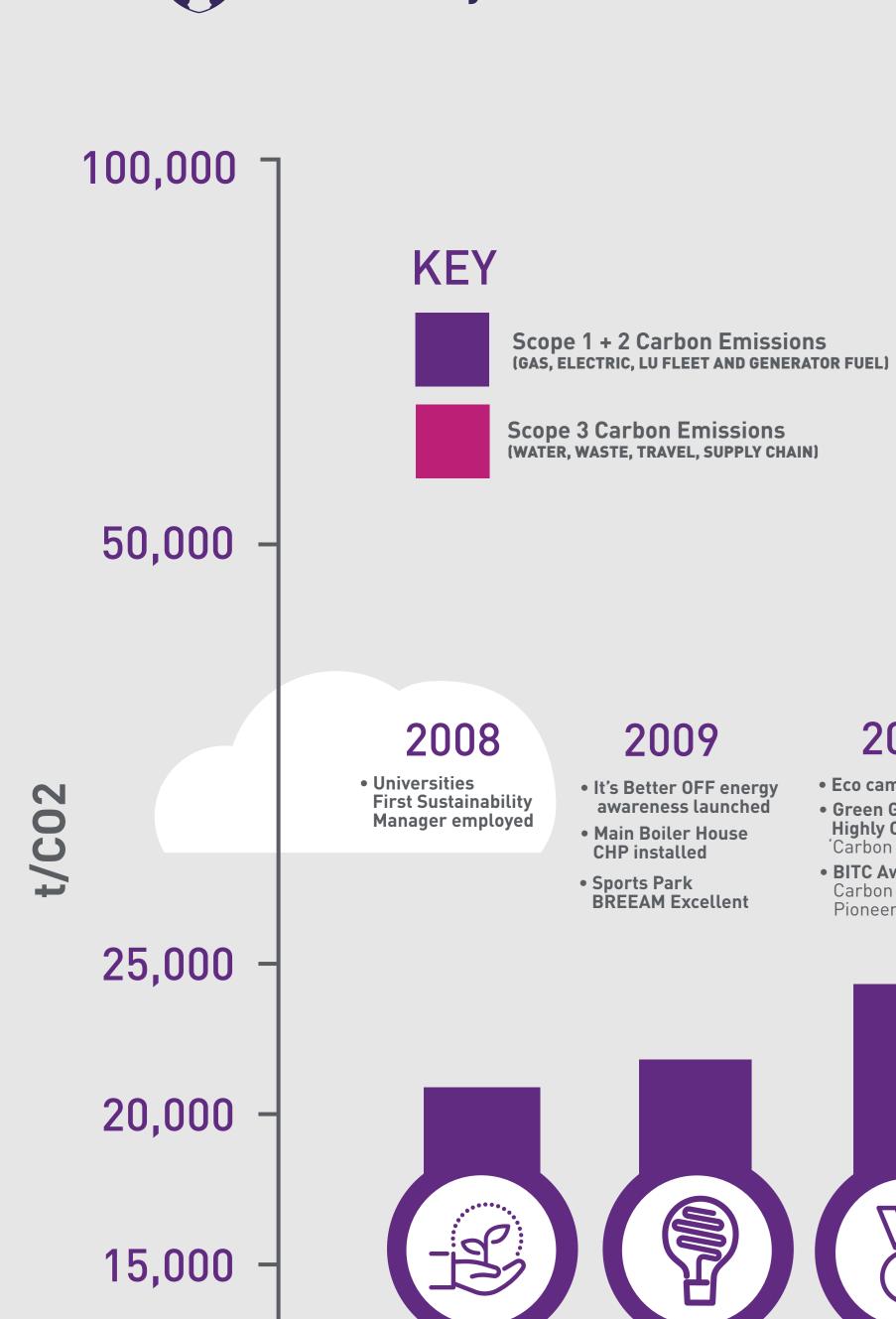


# OUR JOURNEY TO NET ZERO



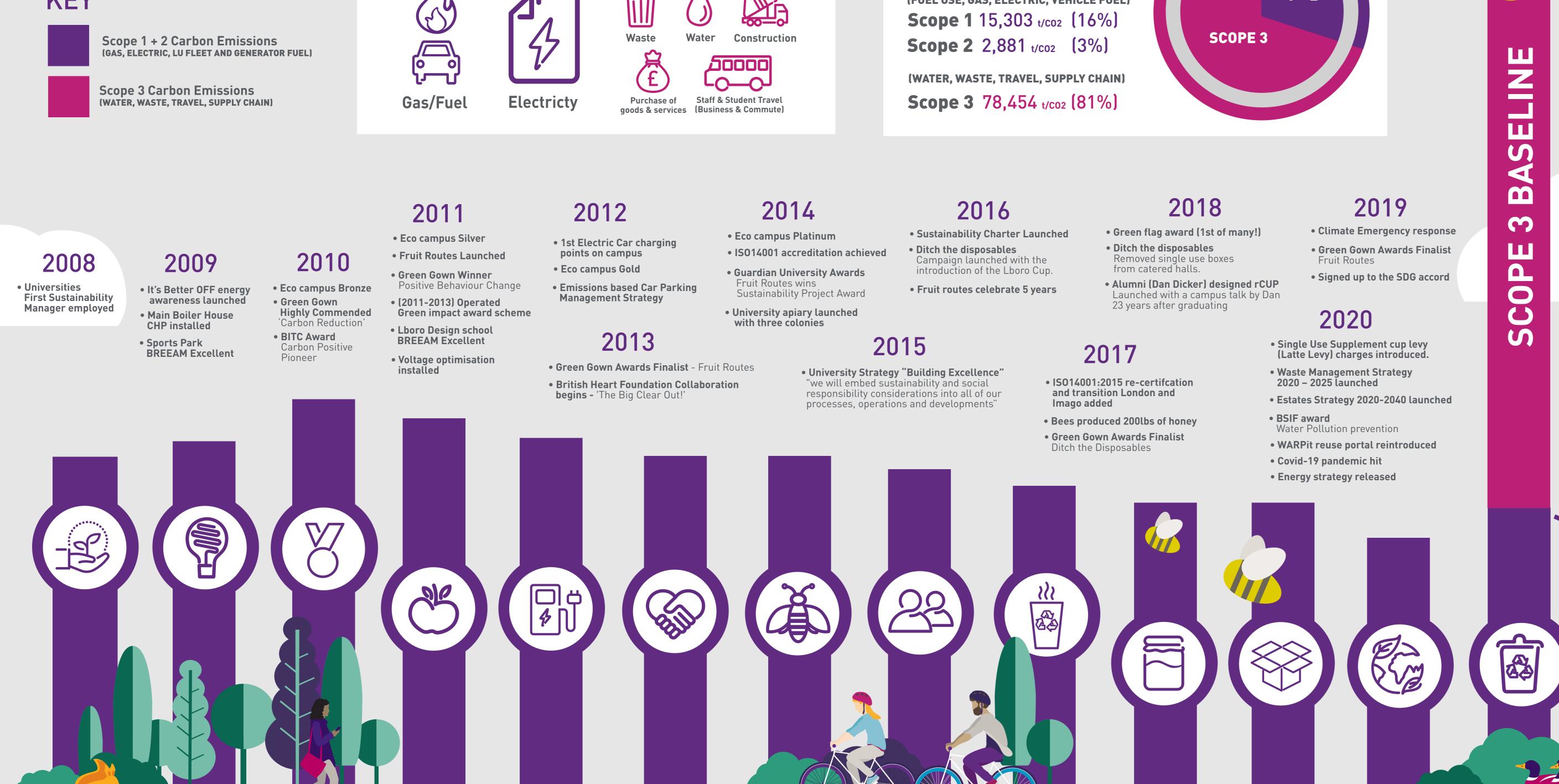
10,000

### **TYPE OF EMISSIONS** SCOPE 3 C-C Purchase of Staff & Student Travel (Business & Commute)

2011/12

2012/13

# **CURRENT EMISSIONS** Total Emissions 96,638 t/c02 (FUEL USE, GAS, ELECTRIC, VEHICLE FUEL) SCOPE 3



2014/15

#### OUR CHALLENGES

- Embedding SDG's into all our activities and operations:
- How do we work and teach in the future?
- What does the campus of 2035 look like?



The UN Sustainable Development Goals (SDGs) are the blueprint to achieve a better and more sustainable future for all. They address the global challenges we face including poverty, inequality, climate change, environmental degradation, peace and justice.











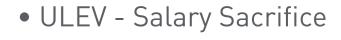








- Hydrogen/Duel Fuel Heating
- Small Holding Grow Our Own Food
- Student Village Redevelopment Passive Hause/Net Zero
- Green Zones/Pedestrianisation of campus









#### **Zero Carbon Electricity** Decarbonisation of the heating network CIRCA 3,000 t/C02 (2020/2021) CIRCA 15,000 t/C02 (2020/2021) Solar Farm / Renewables?

- Hydrogen as a fuel?
- Thermal efficiency of buildings?
- Living Labs?

2040







2045

New Technologies?

Space Management?



2050



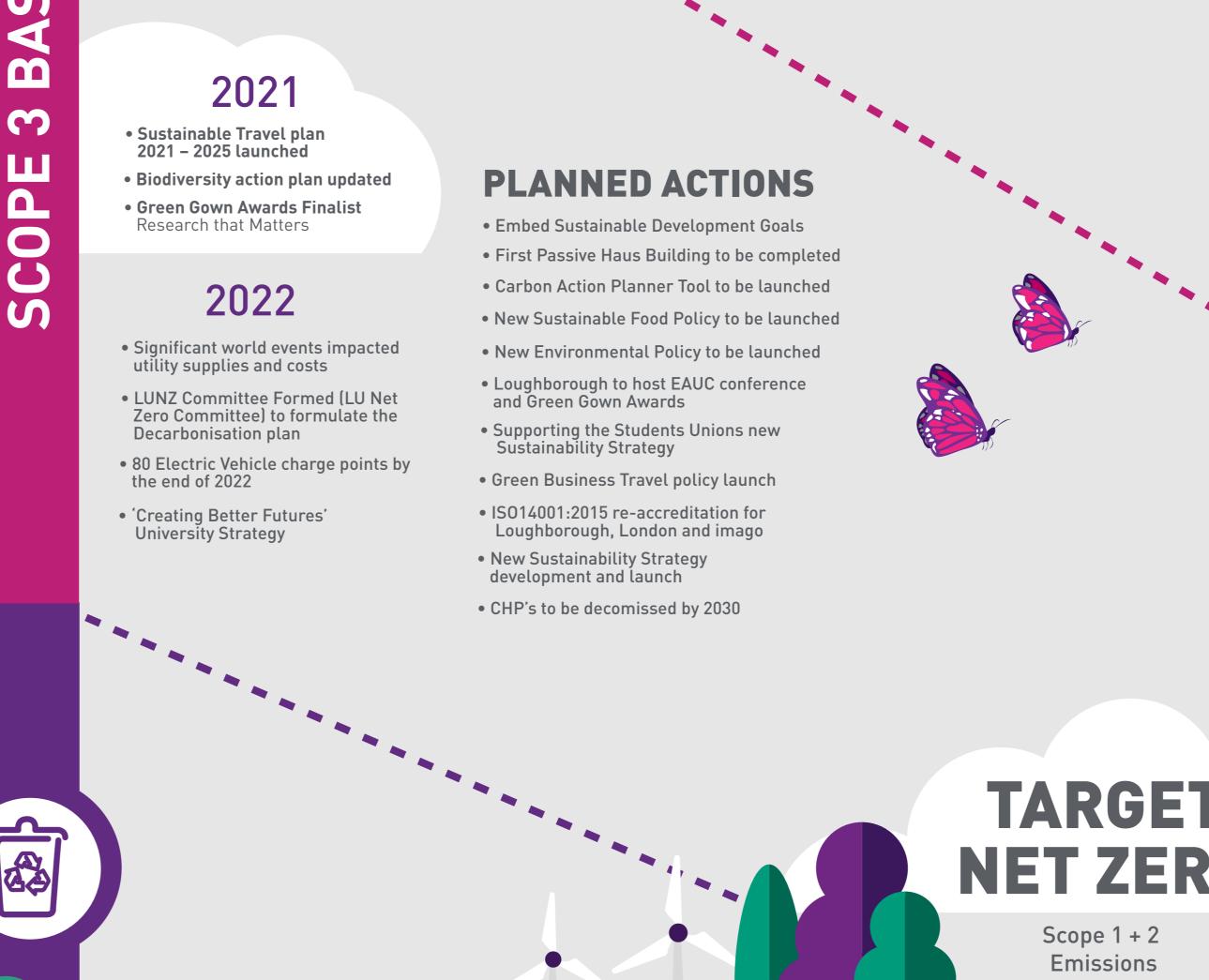












2025

2030

2035