

Terms of Reference

1. The purpose of this group is to improve our data quality across Scopes 1-3 Carbon Reporting, and other areas such as water, waste, and biodiversity, so it is more accurate, granular, and can better support Imperial locally on a faculty and operational level and at a university level.
2. Improve our understanding of where we are on sustainability and where we could get to with an ambitious but realistic approach.
3. Enable more frequent and routine monitoring of where we are against where we want to be. Report to the Faculty Sustainability Committees; Sustainability Strategy Committee; UMB; and HESA & externally by improving and automating our data systems and reporting tools to sector-wide standards.
4. Ensure work is undertaken in a way that it supports wider efforts to improve our data and technology and provides a focussed pathfinder for further developments.
5. Ensure local data and system improvement efforts are done in a way that they can flow through central databases and systems.

Areas of Work

- Data quality
 - Scope 1 (what we generate): Led by Andy Hammond & team and Estates. Data development to disaggregate emissions by building & faculty, and overall greater granularity.
 - Scope 2 (what energy we buy): Data quality is currently good as gathered directly from billing.
 - Scope 3: Led by Andy Hitchman & team. Data quality & granularity improvements, to reflect actuals rather than average. Work with EAUC on their sector-wide approach to improve data accuracy on carbon footprint from the largest suppliers in the HE sector.
 - Wider data: Data for water, waste, & biodiversity as examples. Understanding where we are and need to be.
- Reporting and systems
 - Understanding user needs: Engaging with laboratory managers and technicians.
 - Reporting publicly/to government
 - Data systems: Led by Rob Sherwood. Developing a more robust and automated system, as opposed to current manual and static reporting methods for gathering data.
 - Dashboard for monitoring sustainability progress through KPIs and SMART goals. Led by Harriet Wallace and ICT team.
- Imperial Carbon Budget
 - Imperial Carbon Budget modelling tool: Led by CEP.

Membership

- Harriet Wallace - Sustainability Strategy Director
- Tim Green - Academic Lead for Sustainability
- Will Gee - Sustainability Programme Manager
- Colin Nye (Estates) - Energy Systems Engineer
- Mark Wilkinson (Estates) - Sustainability Manager
- Andy Hitchman - Head of Procurement
- Rob Sherwood (ICT)
- Chris Hester (ICT)

- Professor Jem Woods - Director of CEP
- Yasmine Baghdadi (PhD)
- Ben Rodin - Senior Financial Accountant
- Allison Hunter (Life Sciences) - Technical Operations Manager

The working group may co-opt further members where additional expertise is required and may co-opt 1 or 2 students to assist with analysis and snap-shot monitoring.