

Environmental Sustainability

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Carbon Manager



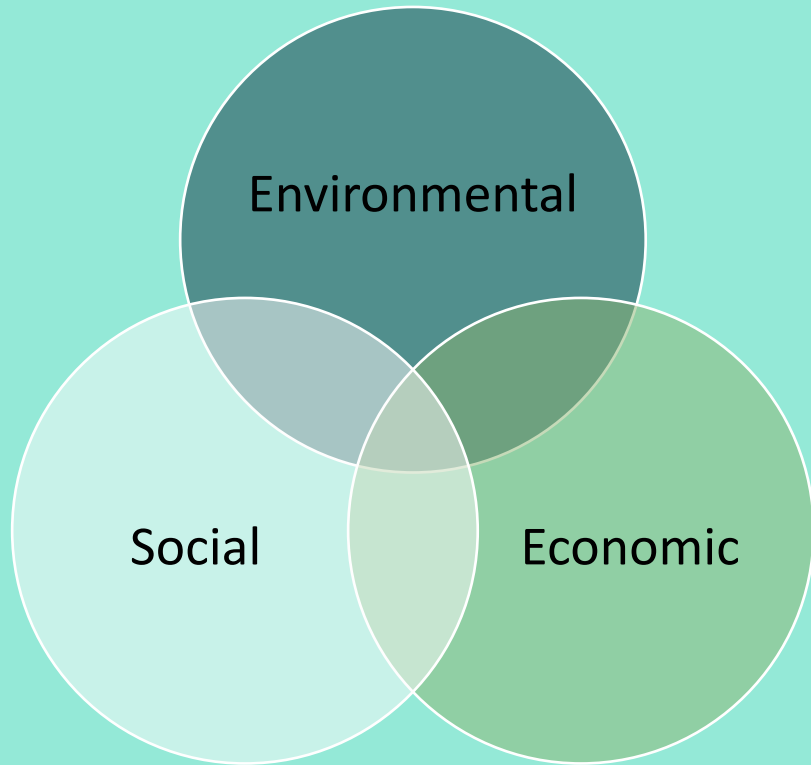
22

and growing!

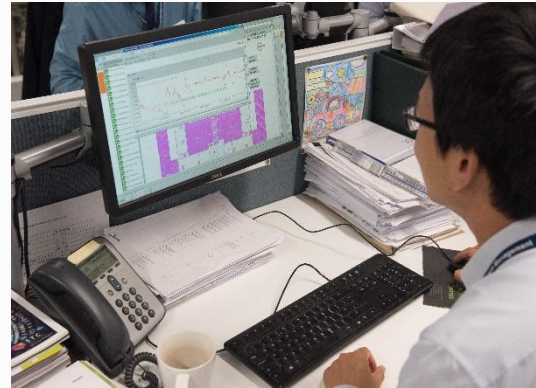


Part of the **Estates Division**

Connecting across the University



- Focused on improving the **environmental sustainability** performance of the estate:
 - Water
 - Waste
 - Travel and Transport
 - Biodiversity
 - Energy
 - Carbon
 - Sustainable construction
- Cross-over to social and economic benefits
- Goes beyond our estate too



How we work

Strategic direction

- Strategy & policy
- Embedding into processes and procedures
- Reporting on progress

Expert advice

- Subject matter experts
- 'How to' guidance & support
- Training

Operational support

- Data
- Funding
- Tools, resources, options
- Compliance
- Networks

Water and Waste



Waste Commitments

Zero operational waste to landfill.

Minimum 80% recycling rate

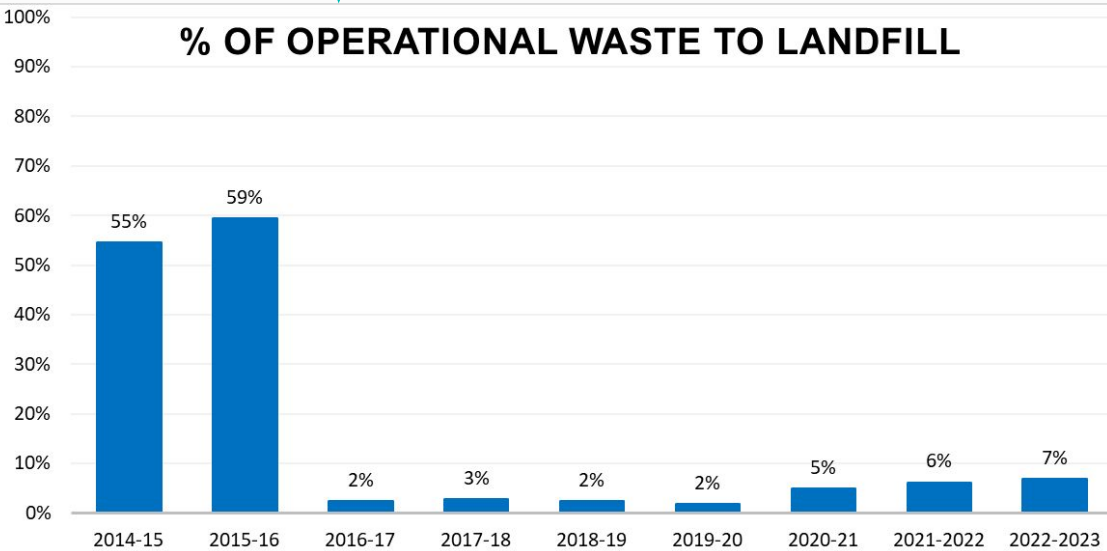
Water commitment

Will improve data and set a target



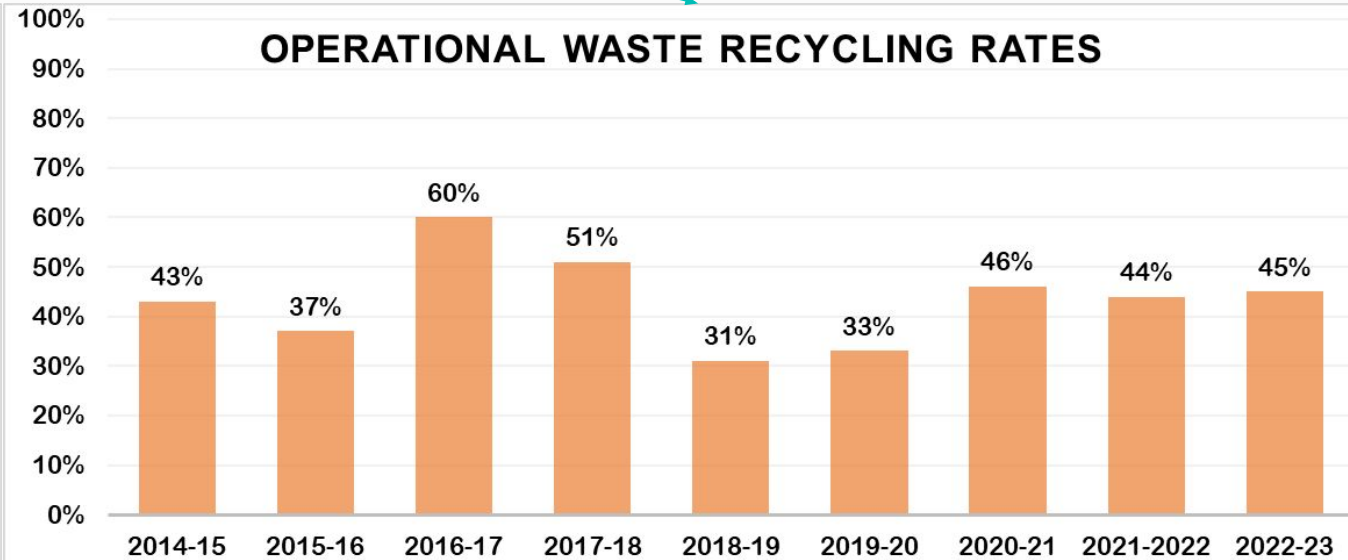
Waste Performance

% OF OPERATIONAL WASTE TO LANDFILL



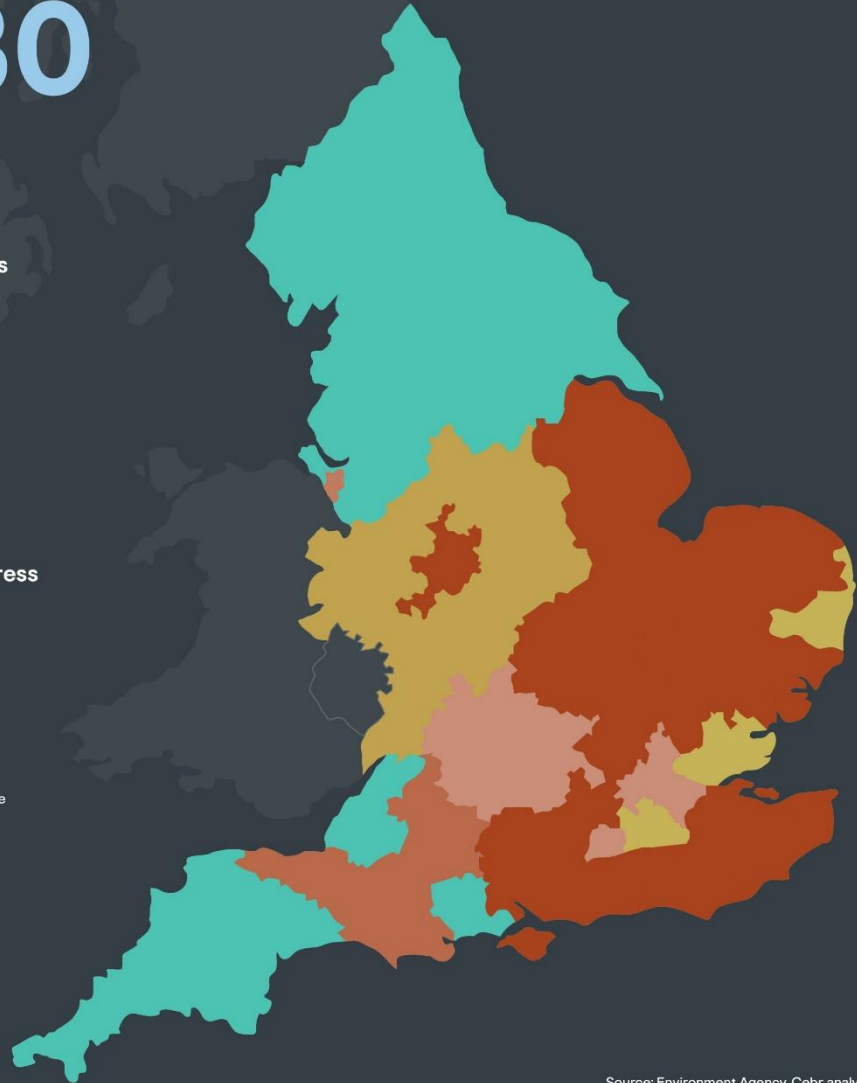
23/24 expecting around 1%

OPERATIONAL WASTE RECYCLING RATES



Inclusive of harder-to-recycle waste

2030



*Regions defined by water resource company areas across England:
Affinity Water
Anglian Water
Bristol Water
Cambridge Water
Essex & Suffolk Water
Northumbrian Water
Portsmouth Water
SES Water
Severn Trent Water
South East Water
South Staffordshire Water
South West Water
Southern Water
Thames Water
United Utilities
Veolia Water Projects
Wessex Water
Yorkshire Water

Source: Environment Agency, Cebr analysis

Key risks - water and waste

- **Data often partly estimated** - manual meter reads / samples
- **Target achievement** - dependent on management of contracts.
- **Water stress and planning restraints** - The Environment Agency has classified the Cambridge areas as 'seriously water stressed'.

Travel and Transport

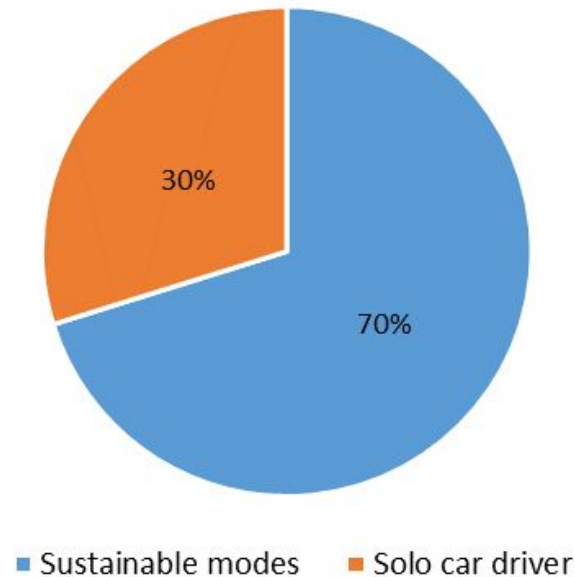


Commitments and performance

Commuting staff

Target: 75% of staff to be regularly commuting to work by sustainable modes of travel by 2024.

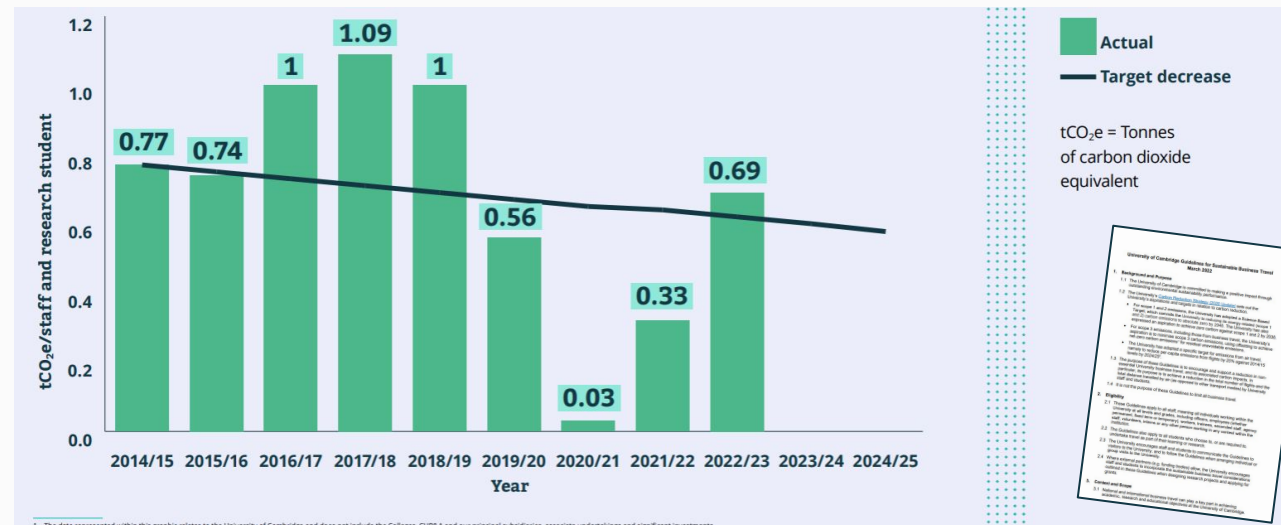
Overview of staff commuting modal split



Business Travel staff

Target: 2024/25 Flight emissions per person to reduce by 25% against 2014/15 levels – to 0.58 tCO₂e per person.

The Guidelines for Sustainable Business Travel aim to help reduce the environmental impact of business travel and support better decision-making.



Key risks

- Staff moving further away.
- Parking is free for staff
- Sustainable transport inconvenient, expensive &/or unreliable.



Biodiversity



Commitments and performance

- **The Biodiversity Action Plan** - deliver biodiversity gain across the estate to 2030. Projects include:
 - Fitzwilliam Museum wildflower areas.
 - Pond restoration & management.
 - Enhanced woodland planting & management, e.g. Queen's Green Canopy planting on Rural Estate at Madingley.
- Planning delivery against BNG (Biodiversity Net Gain) requirements



Key risks

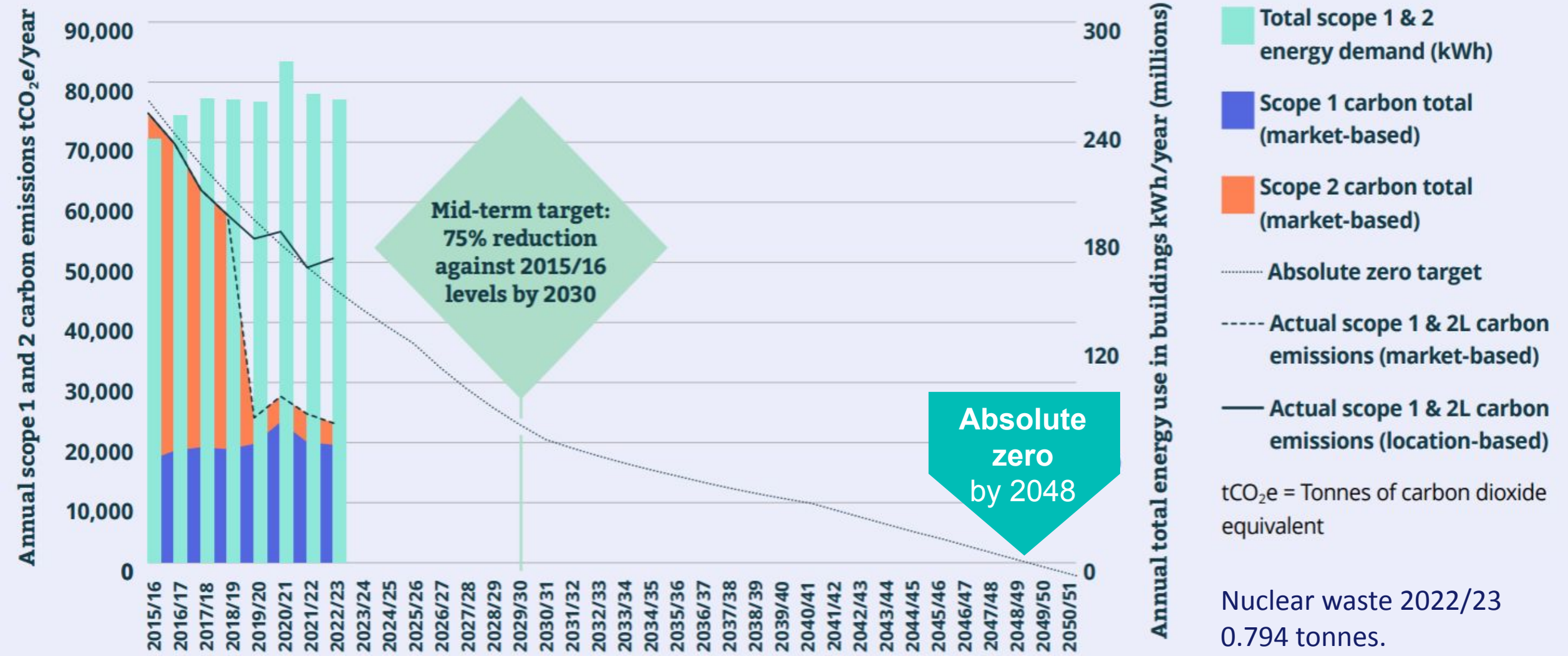
- Complex & devolved Collegiate University
- Reputational damage & potential enforcement action relating to BNG.



Carbon (Scope 1&2)



Commitment and Performance



Commitments

~~Net~~
Absolute
Zero

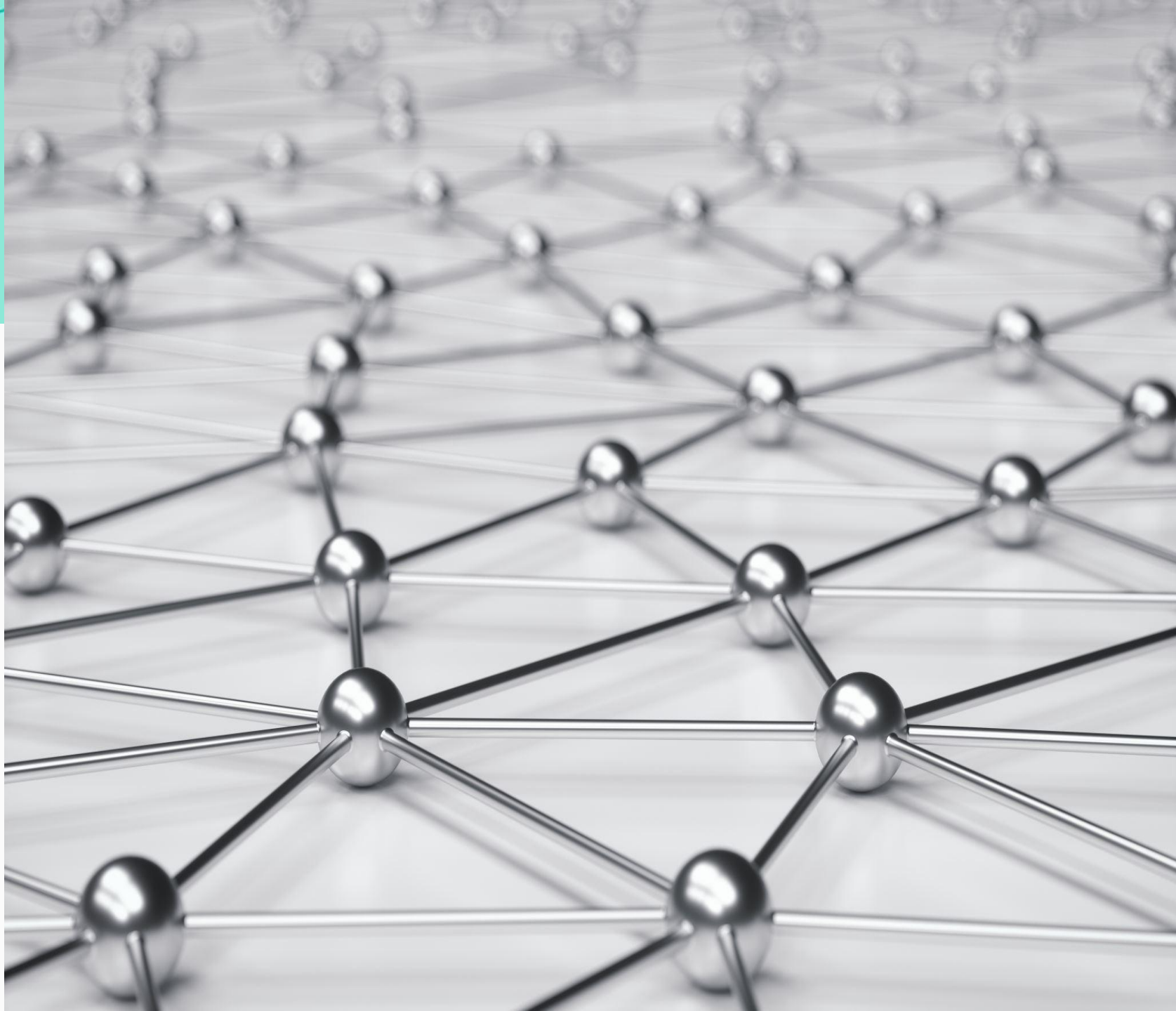
Key risks

- Capital cost of heat decarbonisation projects.
- Projects can require significant disruption to working spaces



Entopia building

Carbon (Scope 3)



Sustainable Procurement Priority Areas



Stakeholder
Engagement and
Training



Local
Environmental
Sustainability
Plans (LESPs)



Contract and
Supplier
Management



Consolidated
Deliveries
and Plastic
reduction



Marketplace
Sustainability
Tags

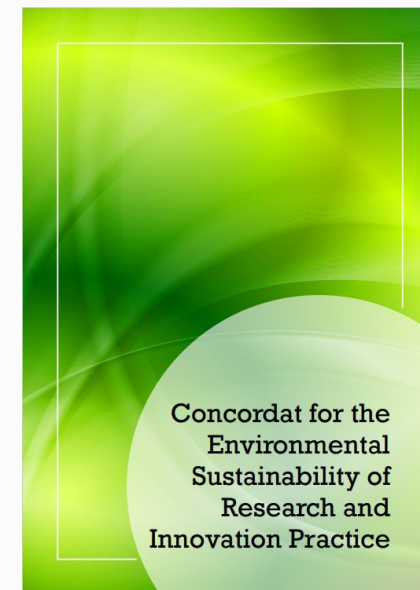


Reporting –
(carbon, supply
chain diversity)

Sustainability in research

Relates to a number of cross-team areas:

- Infrastructure
- Procurement
- Business and academic travel
- Collaborations, partnerships and funding
- Environmental impact and reporting data



Sustainability and investments

The University's Investment Management Sustainable Investment Strategy is focused on:

- reducing GHG emissions related to the Endowment Fund investments
- using influence with partners to do the same in the wider economy.

December 2020

Exited all investments with public equity fund managers specialising in conventional energy

April 2023

Put in place new, enhanced sustainability criteria for selection of new fund manager partners:

Ongoing

Running training and engagement across fund managers and beyond.

Thank you

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