

HARWELL

SUSTAINABILITY  
IMPACT REPORT  
2023

Tangible action for a genuine difference

# Forward

Welcome to our Annual Sustainability Impact Report.

In the pursuit of sustainable development, every action we take today shapes the world we leave for future generations.

As CEO, I am deeply committed to steering our campus towards a path of responsible and ethical stewardship.

This report provides a comprehensive overview of our sustainability initiatives, achievements, and challenges. It is a testament to our belief that sustainability is not merely a choice, but an imperative for long-term success and resilience.

At Harwell, we understand that our impact extends far beyond our buildings. It encompasses the well-being of our Members, the prosperity of the communities we operate in, and the health of the planet we all share.

We take pride in the progress we have made, but we also recognise the urgent need for further action.

**Stuart Grant**  
CEO



# Preface

I am pleased to introduce our 2nd Annual Sustainability Impact Report for Harwell Campus.

Through these pages, you will get an overview of our efforts to integrate sustainability into every aspect of our campus' development and operations. From reducing our environmental footprint to fostering inclusive communities, we are continuously striving to make a positive difference.

But our journey is far from over. We face unprecedented threats, from climate change to social inequality, that demand bold and innovative solutions. By harnessing the power of collaboration and embracing our collective responsibility, we are confident that we can overcome these challenges.

However, we recognise that sustainability is not merely an aspiration but a process of continuous improvement. As such, this report also serves as a reflection of our ongoing evolution, highlighting our achievements and areas for growth.

**Emmanuel Deschamps**  
Associate Director - Sustainability



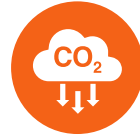
# Executive summary

Harwell exists to provide a world-leading campus for science, technology, & innovation, and the Climate Emergency demands that we provide the most sustainable buildings & infrastructure to enable sustainable growth.

This Sustainability Impact Report provides an insight into Harwell's journey throughout 2023 to deliver a **Campus Fit for the Future**, with a focus to turn our sustainability vision into tangible and meaningful action.



## 2023 highlights



We integrated Low & Zero Carbon (LZC) technologies into the design of our new developments to minimise their operational energy demand.



We launched a Biodiversity Taskforce, commissioned a campus-wide ecological survey and received awards for our Woodland Habitat Improvement Project.



We provided tangible solutions to encourage active and sustainable travel and measured the Average Commuter Emissions Level (ACEL).



We put the principles of circular economy into action by avoiding landfill, re-using materials and saving water.



We completed our Heritage Trail, commemorating Harwell's 75th anniversary, and continued building a vibrant and inclusive Members community.



We contributed to inspire the next generation through STEM, supported the local community through our Community Employment Plans.

# Executive summary

## Our 2023 impact in numbers

24

solar panels installed on the new multi-storey car park, with 1,500m<sup>2</sup> designed to receive rooftop PV, the equivalent of 6 tennis court.

2

environmental awards received for our Woodland Habitat Improvement Project.

100+

cyclists, regular and novice, participating to our Cycle-to-Work days.

300

local school children engaged in interactive space-related activities at the campus.

25%

bus discount contributing to **152,375** bus trips made to the campus in 2023, compared to 113,458 in 2022.

2,000

pallet planks reclaimed to create a boardwalk.

900+

members within our campus car sharing community.

2,000+

cubic metres of demolitions materials crushed for re-use as aggregates on site.

4,600,000

litres of rainwater retention capacity added or designed for installation, that's almost the equivalent volume of 2 Olympic-size swimming pool.

18

additional Electric Vehicle (EV) charging points provided, bringing the total to 44, with 50+ more planned for installation.

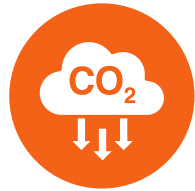
# Our vision

At Harwell, we have a vision to develop a sustainable campus for world-class science & innovation, and to be recognised as a catalyst for sustainable growth.



# Key focus areas

To put Vision into Action, ARC has identified 7 Key Focus Areas, aligned with the UN Sustainable Development Goals (SDGs), as the guiding principles for a successful, prosperous, and sustainable campus.



## Carbon & GHG Emissions

Transition our built environment portfolio towards Net Zero Carbon, halving emissions in our control by 2030.



## Nature & Environment

Protect the local environment and manage our estate sustainably, enhancing biodiversity whilst creating a network of green spaces for people & nature.



## Materials & Supply Chain

Adopt circular economy principles through sustainable procurement and responsible sourcing, maximising the value of materials and natural resources whilst avoiding waste.



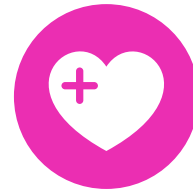
## Climate Resilience & Adaptation

Make our buildings & infrastructure resilient to the predicted changes in the climate.



## Connectivity & Transport

Encourage active travel choices and provide low emission transport options to commuters.



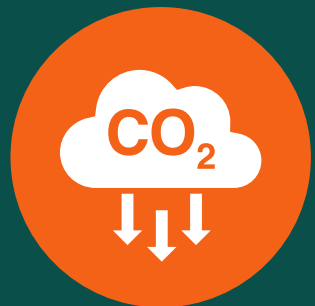
## Health & Wellbeing

Provide an environment that safeguards and enhances the safety, health & wellbeing of staff and visitors.



## Community & Local Economy

Make a lasting positive contribution to the community & local economy by delivering environmental, economic, and social value.



# Carbon & Environment

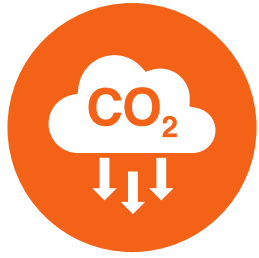
**Objective 1 - Transition our built environment portfolio towards Net Zero Carbon, halving emissions in our control by 2030.**

**This will be achieved by:**

- Measuring and reporting our Scope 1, 2 & 3 GHG emissions
- Developing and delivering all-electric low carbon buildings, with a focus on reducing upfront embodied carbon and operational energy demand
- Enabling the reduction of carbon emissions from leased assets, existing and future
- Driving the reduction of carbon emissions from our supply chain (goods & services)
- Applying a Fabric First approach and integrating Low & Zero Carbon (LZC) technologies, maximising on-site renewable energy generation
- Phasing out fossil fuel as primary energy source of existing assets through deep retrofit
- Procuring renewable electricity backed by Renewable Energy Guarantees of Origin (REGOs) and seeking to purchase energy from additional renewable sources through Power Purchase Agreements (PPAs)







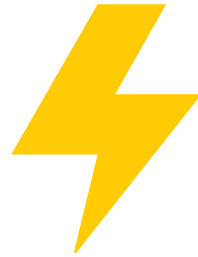
# Operational carbon

## Reporting energy use from our core assets\*

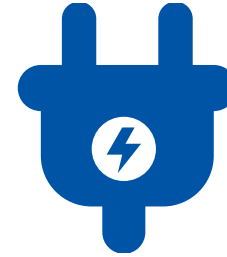
In 2023, we maintained a high standard of energy use reporting from all our buildings, in collaboration with our members. This gives us the data we need to measure our progress and identify opportunities for improvement in energy and carbon efficiency.



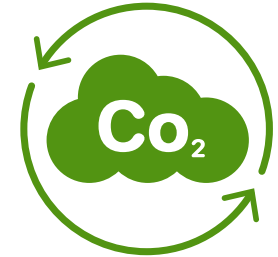
2,610,934  
kWh (gas use)



13,466,554  
kWh (electricity use)



288  
kWh/m<sup>2</sup> (energy use intensity)



3,266,192  
kgCO<sub>2</sub>e (GHG emissions)

59  
kgCO<sub>2</sub>e/m<sup>2</sup>  
(GHG Emissions Intensity)

To put the scale of these carbon emissions into perspective, it is roughly equivalent to:

- Heating 1,190 average UK homes\*\*

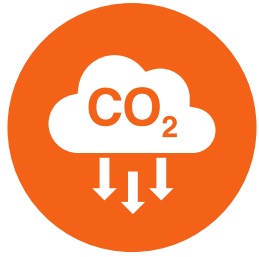
\*\* Energy Catapult Analysis shows that in 2017, the average household generated 2,745 kg of CO<sub>2</sub> emissions from heating. Source: <https://energysavingtrust.org.uk/significant-changes-are-coming-uk-heating-market/>

\* based on actual energy data from 18 buildings representing 55,753 m<sup>2</sup> or 600,125 ft<sup>2</sup>: B148, B150, B151, B152, B173, B363, B465, B587, HQ, Quad One, Gemini, Genesis, Dalton, Min-Ion, Element Six, Spectrum, Zephyr & Zeus

\* excluding B166 & B168 as vacated and demolished in 2023

\* excluding BEPO & Quad Two as below 50% occupancy in 2023

\* excluding non-core assets: DiSH, Cricket Pavilion B442, Nursery, The Hides, Runway Multi-Storey Car Park



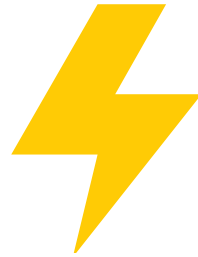
# Operational carbon

## Reporting energy use from our controlled assets\*

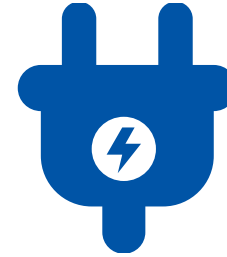
In 2023, we procured electricity backed by Renewable Energy Guarantees of Origin (REGOs) for assets under our direct management. By 2030, we aim to halve the carbon emissions from landlord-controlled spaces within these buildings.



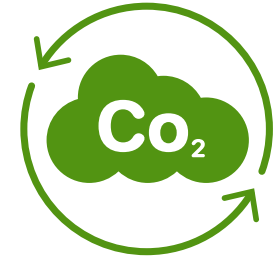
938,101  
kWh (gas use)



1,881,004  
kWh (electricity use)



169  
kWh/m<sup>2</sup> (energy use intensity)



561,113  
kgCO<sub>2</sub>e (GHG emissions)

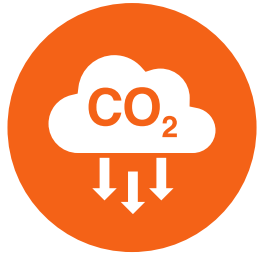
34  
kgCO<sub>2</sub>e/m<sup>2</sup>  
(GHG Emissions Intensity)

To put the scale of these carbon emissions into perspective, it is roughly equivalent to:

- Taking 385 flights (one way) from London to New York \*\*

\*\*Based on 0.26128kgCO<sub>2</sub>e per passenger.km over 5,570km between London and New York (one way) = 1,455kgCO<sub>2</sub>e. Source: <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023>

\* based on actual energy data from 6 buildings representing 16,673 m<sup>2</sup> or 179,468 ft<sup>2</sup>: B151, B363, B587, HQ, Quad One & Genesis  
 \* excluding B166 & B168 as vacated and demolished in 2023  
 \* excluding Quad Two as below 50% occupancy in 2023  
 \* excluding non-core assets: DiSH, The Hides, Runway Multi-Storey Car Park



# Operational carbon

## Transitioning our portfolio towards Net Zero

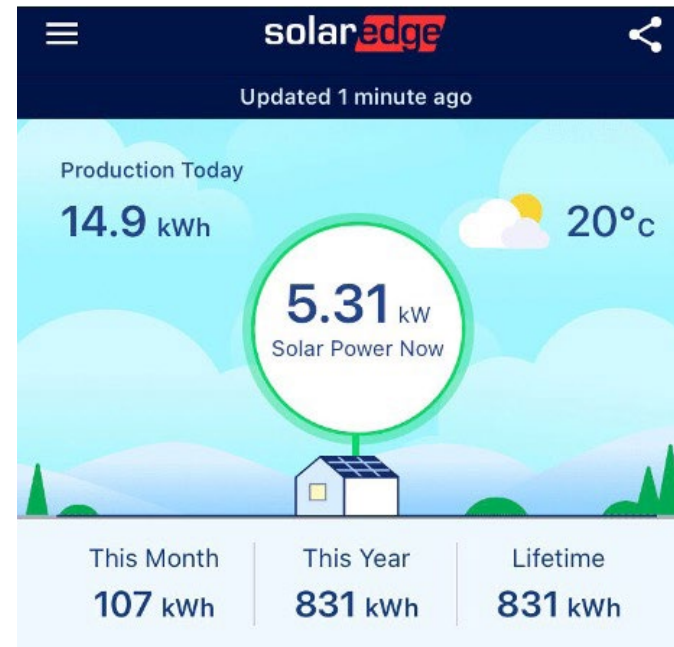
### In 2023, we continued paving our Net Zero Carbon Pathway:

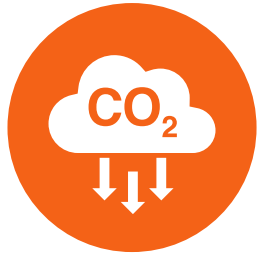
- Collaborating with an investor in renewable power and climate transition assets with the aim to connect the campus to a solar power station
- Integrating passive design measures as well as Low & Zero Carbon (LZC) technologies such as Air Source Heat Pumps and Rooftop Solar PV into our new developments to minimise their operational energy demand

### Solar Energy

- 9.7kWh solar array installed and operational on Runway Car Park. Consisting of 24 panels, it is expected to generate +/- 9,000kWh of electricity per year, covering about a third of the Travel Hub predicted annual demand
- An additional 1,500m<sup>2</sup> of rooftop planned to be covered with solar panels, the equivalent of 6 tennis courts!

PV Capacity (kWp)		PV Coverage	PV Panels	PV Generation
Installed	Planned	m <sup>2</sup>	No. of units	kWh/year
10	-	47	24	8,730
-	325	1,531	784	216,589





# Embodied carbon

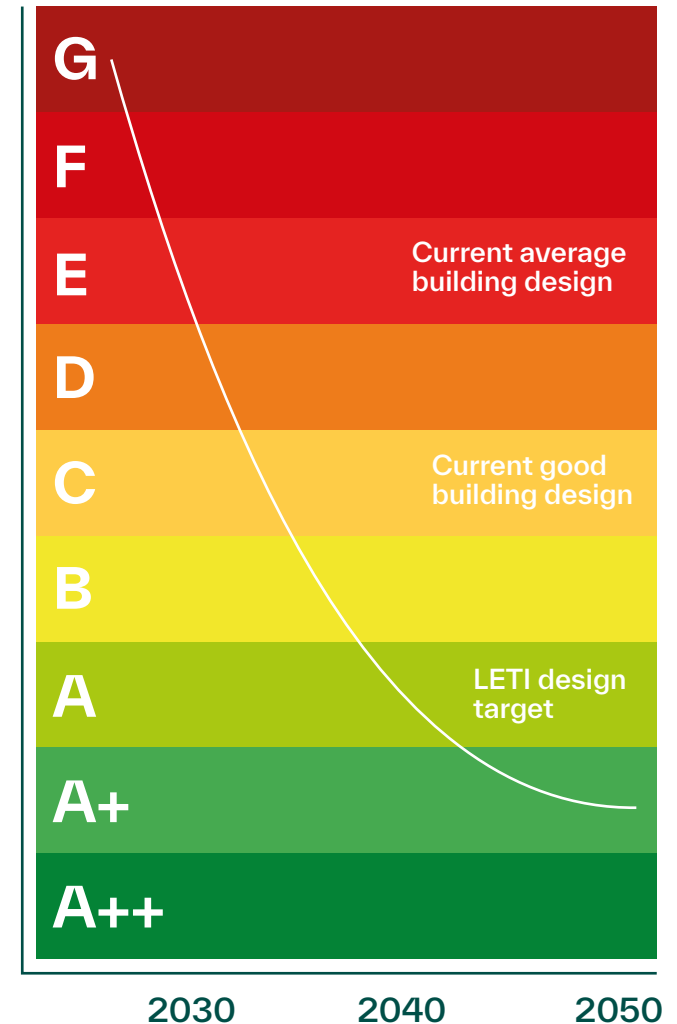
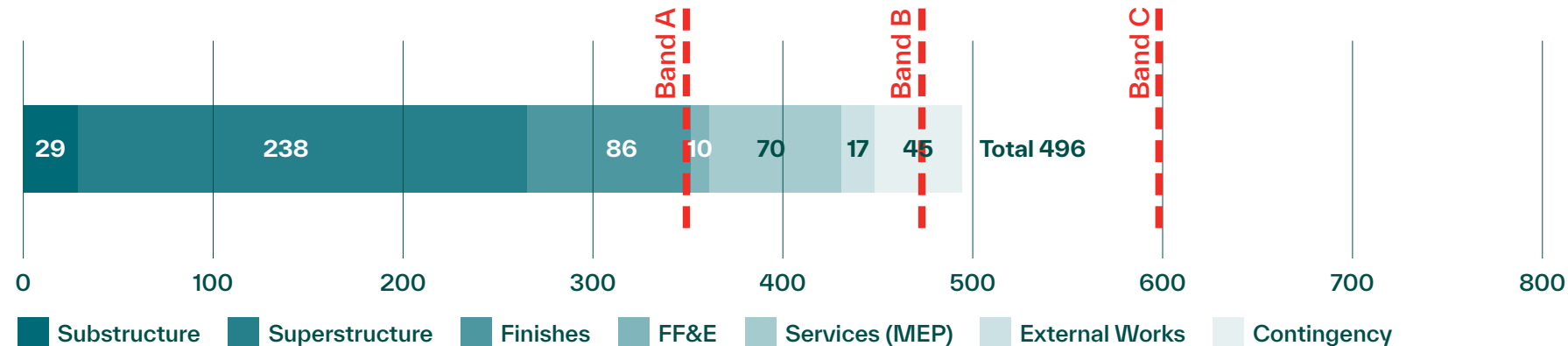
## Transitioning our portfolio towards Net Zero

In 2023, we advanced our understanding of the embodied carbon impact of our new developments:

- We have completed Whole Life Carbon Assessments for:
  - IQ Labs (Developed Design)
  - Quad Three (Developed Design)
  - Helios (Technical Design)
- Whilst the IQ Labs project is showing an Upfront Embodied Carbon in the LETI Band 'D' range (600 - 775 kgCO<sub>2</sub>eq/m<sup>2</sup>), Quad Three and

Helios designs are currently sitting comfortably within Band 'C' (475 - 600 kgCO<sub>2</sub>eq/m<sup>2</sup>). This is within range of our 2030 limit of 500kgCO<sub>2</sub>eq/m<sup>2</sup> (based on RICS methodology)

- To validate our efforts, we will be undertaking 'As Built' Assessments using actual construction data from 2024





# Nature & Environment

**Objective 2 - Protect the natural environment and manage our estate sustainably, enhancing its biodiversity whilst creating a network of green spaces for people & nature.**

**This will be achieved by:**

- Avoiding the loss of biodiversity and preserving trees, as far as practically possible
- Managing our landscape to maximise its biodiversity value
- Delivering new and improved ecological habitats on site
- Securing significant biodiversity net gain through partnerships
- Preventing air, land, and water pollution





# Award-winning 'WHIP' Project

## Biodiversity for people & nature

In 2023, our Woodland Habitat Improvement Project (WHIP), designed by Adam Frost and delivered by Nurture Landscapes, received multiple accolades:

- BIG Biodiversity Challenge Awards – Habitat Creation: Project of the Year Award (Small scale biodiversity enhancement)
- The International Green Apple Awards for Environmental Best Practice - Gold Winner





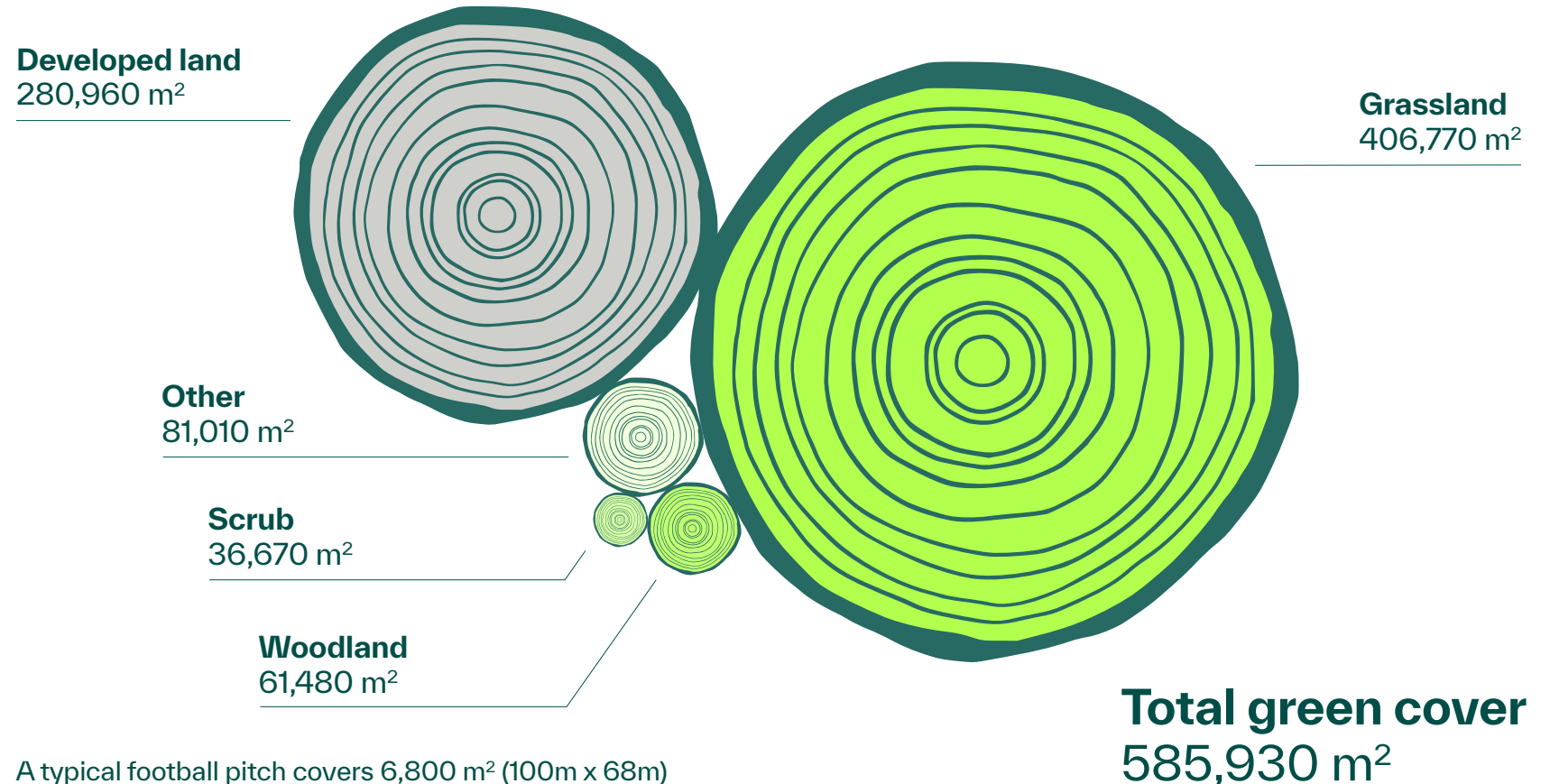
# Campus wide Ecological Assessment

## Sustainable landscape & estate management

In 2023, we set up the Harwell Biodiversity Taskforce and commissioned a campus-wide ecological habitats survey to provide us with a baseline and inform the development of a Biodiversity Action Plan.

This will allow us to identify improvement opportunities, and measure their impact, with the aim to manage 30% of our land for biodiversity by 2030.

The diagram opposite shows Habitat Typology recorded in June 2023.





# Green Week - Nature & Biodiversity Day

Connecting people with nature

**In 2023, we organised our 2nd Harwell Green Week with a day focused on Nature & Biodiversity, including:**

- Virtual Talks by the Berkshire, Buckinghamshire & Oxfordshire Wildlife Trust (BBOWT) and Future Nature Wildlife Trust Consultancy
- Nature Walk & Talk showcasing the campus rich landscape, facilitated by Nurture Landscapes and featuring our resident beekeeper







# Connectivity & Transport

**Objective 5 - Encourage active travel choices and provide low emission transport options to commuters.**

**This will be achieved by:**

- Making sustainable & active travel options available to campus staff and visitors (e.g., public transport, cycling)
- Providing incentives for choosing sustainable transport options (e.g., discounted bus travel, free bike loan)
- Delivering the infrastructure for the future of mobility (e.g., EV charging, cycle hub)





# Sustainable & Active Travel

## Promoting more sustainable modes of travel

### In 2023, we made progress in enabling the future of mobility:

- Installing an additional 18 Electric Vehicle (EV) charging points within our new multi-storey car park, bringing the total to 44
- Providing incentives for cycling to/from the campus:
  - 2 x Cycle to Work events, each attended by over 100 campus cyclists
  - Free bike loan and monthly free bike servicing available to all employees on campus

In 2023, our fleet of 16 bikes (including 7 e-bikes) were hired over 1,300 times!

- Celebrating a new bus route connecting Harwell Campus to Newbury, paving the way to a service every 15min to/from Didcot Parkway railway station
- Increasing our bus discount to campus employees from 20% to 25%





# Sustainable & Active Travel

## Promoting more sustainable modes of travel

**In 2023, we build our state-of-the-art Travel Hub:**

- Integrated within our new multi-storey car park, it will facilitate sustainable and active commuting, including live bus information display, 97 bike storage spaces, showers, sinks & WCs, lockers, bike maintenance & repair stand, and a water refill station





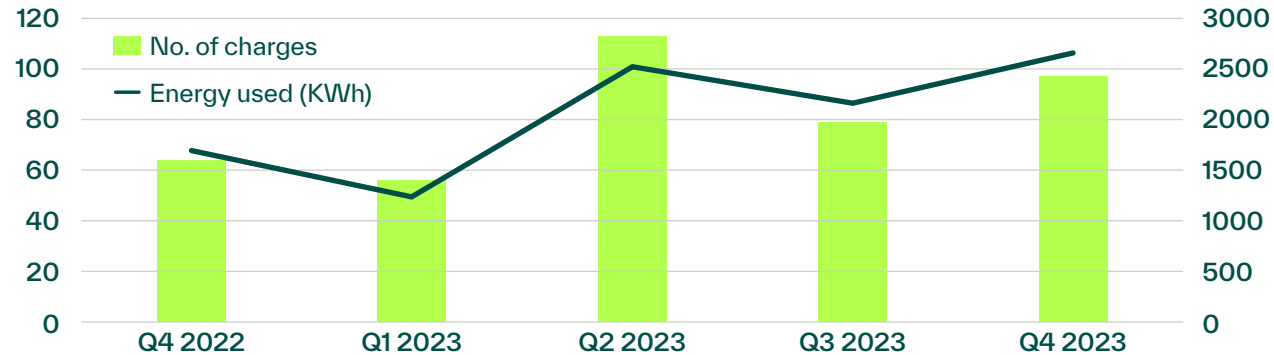
# Electric Travel

## Enabling the future of mobility

In 2023, our EV charging infrastructure enabled the reduction of greenhouse gas emissions from commuter travel:

- 8,578.4kWh of electricity was used across our charging points, saving about 3.5 tonnes of CO<sub>2</sub>e compared to diesel vehicle journeys

### EV Charging Infrastructure Utilisation



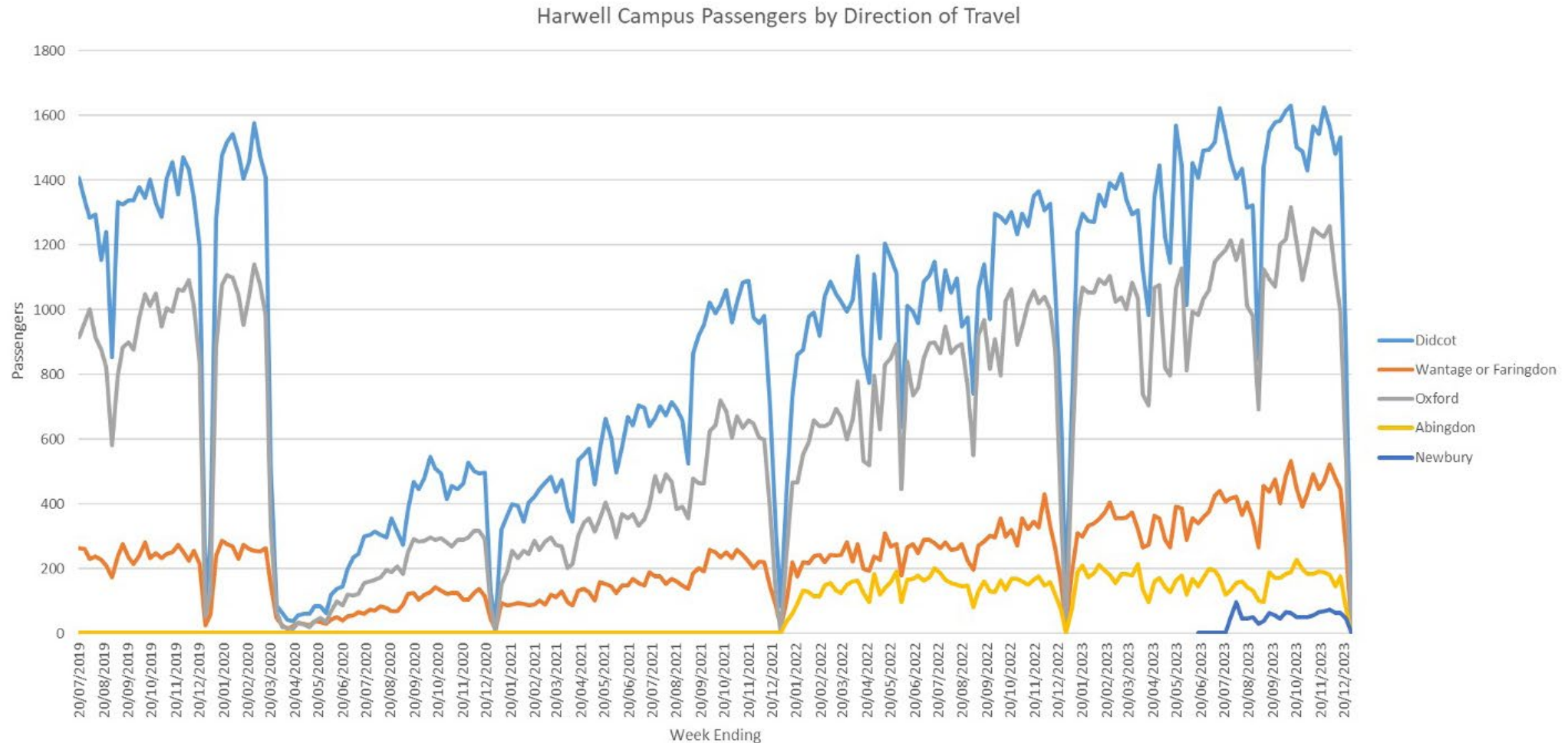
Buildings	No. of charging points	No. of charges	Energy used (KWh)	Average energy/charge
HQ	7	31	506.0	16.3
Quad Two	4	124	4,402.0	35.5
Zeus	7	141	2,469.2	17.5
BEPO	8	49	1,201.2	24.5
<b>Total</b>	<b>26</b>	<b>345</b>	<b>8,578.4</b>	<b>24.9</b>



# Bus Travel

## Promoting more sustainable modes of travel

In 2023, bus users kept increasing, now exceeding pre-Covid-19 levels, and with a new service to/from Newbury being added in the Summer also providing a more frequent connection to Didcot Parkway railway station.





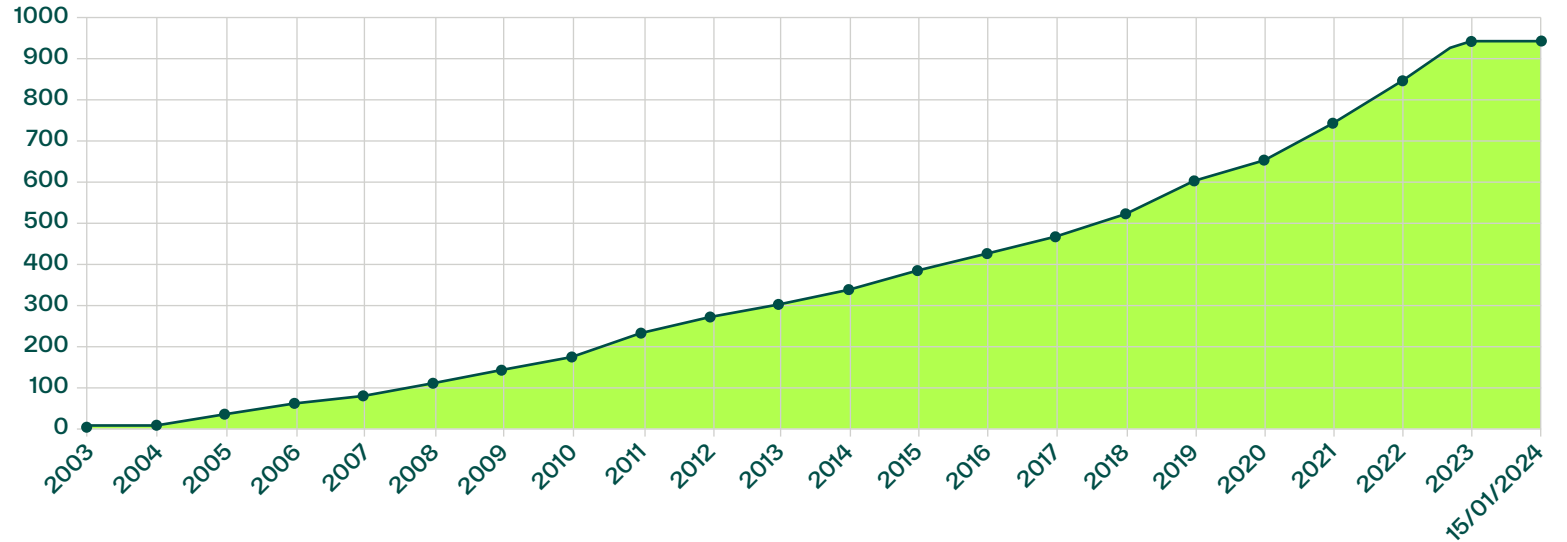
# Shared Travel

Promoting more sustainable modes of travel

In 2023, our Liftshare community kept growing to reach over 900 members.

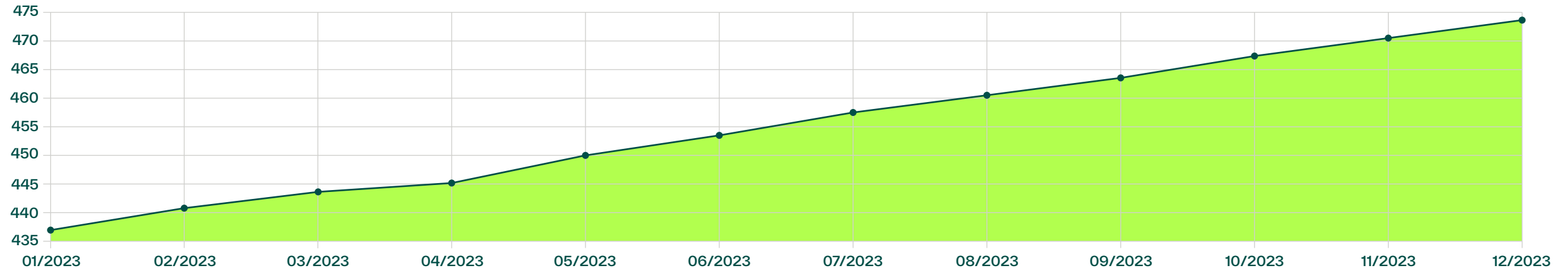
The resulting shared journeys are estimated to have saved 41.44 tonnes in carbon emissions for a total of 474 tonnes since membership began.

### Membership growth



### CO2 reduction (tonnes)

 co2 saved





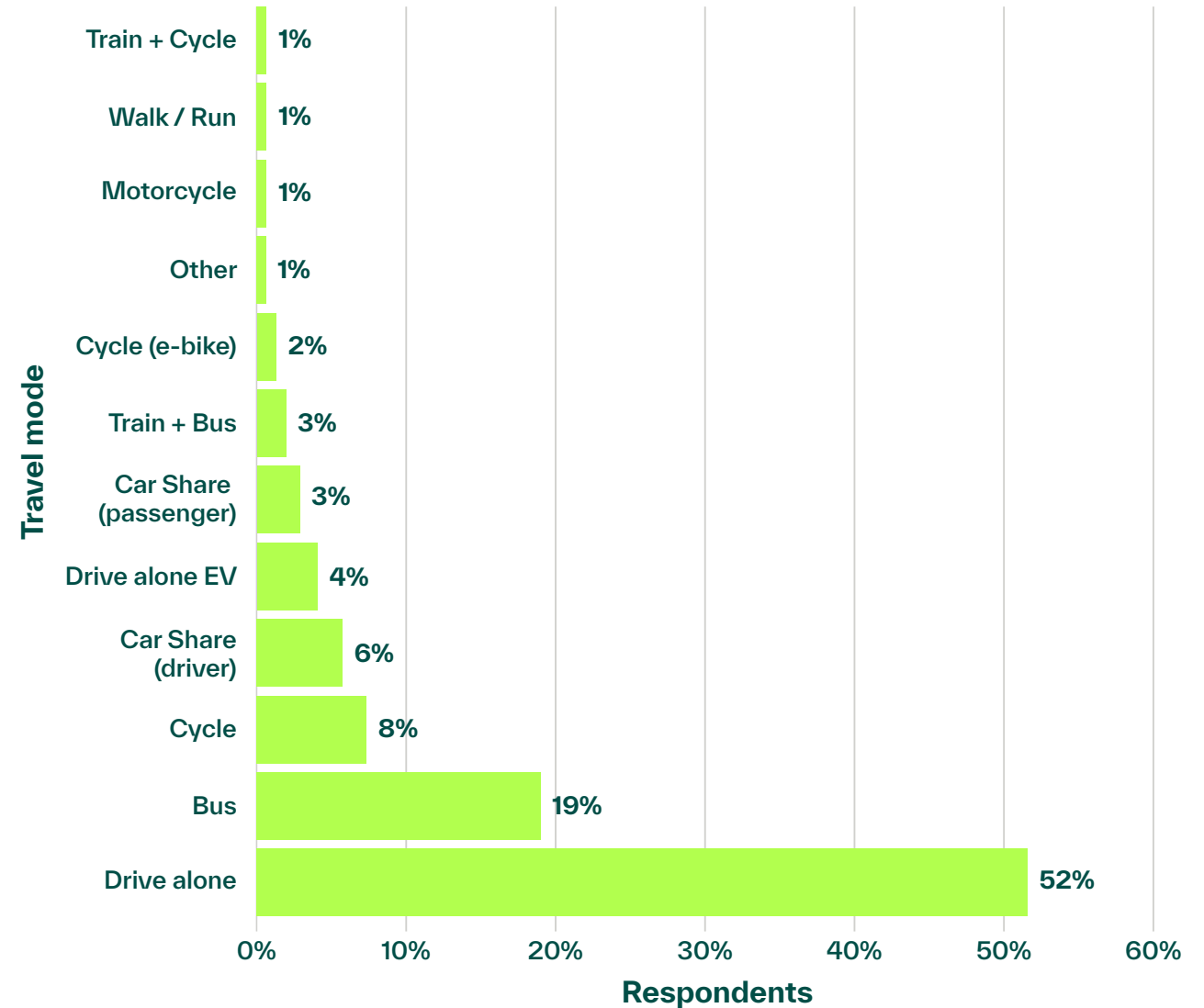
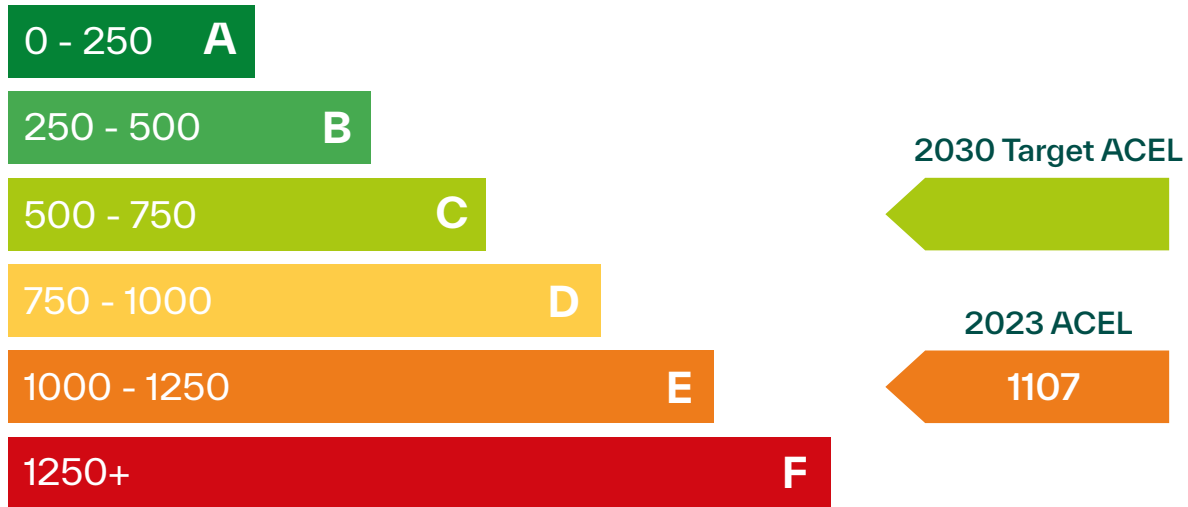
# Sustainable & Active Travel

## 2023 travel survey

In 2023, we carried out our annual travel survey using the Mobilityways platform, receiving over 1,200 responses and gathering valuable insights into our campus users' commuting habits.



This allowed us to re-baseline the campus Average Commuter Emissions Level (ACEL) and identify opportunities for encouraging lower emissions travel options among our Members community.



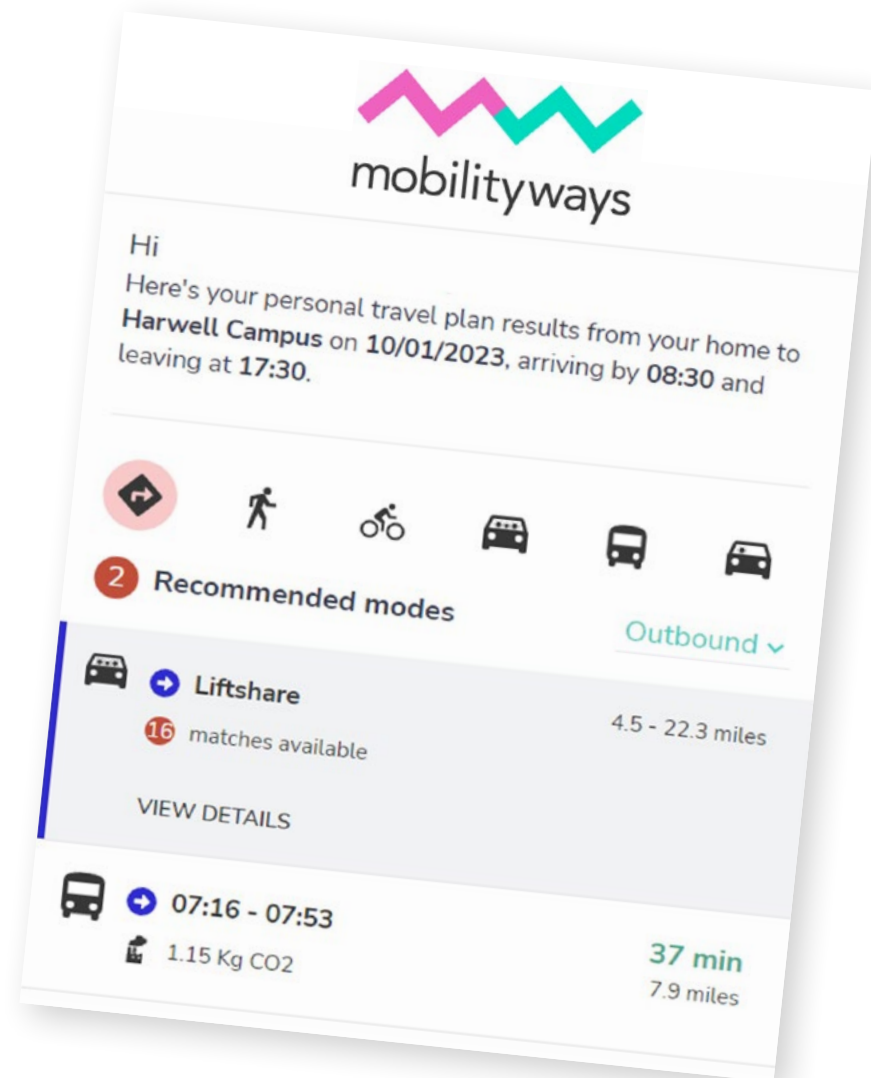


# Sustainable & Active Travel

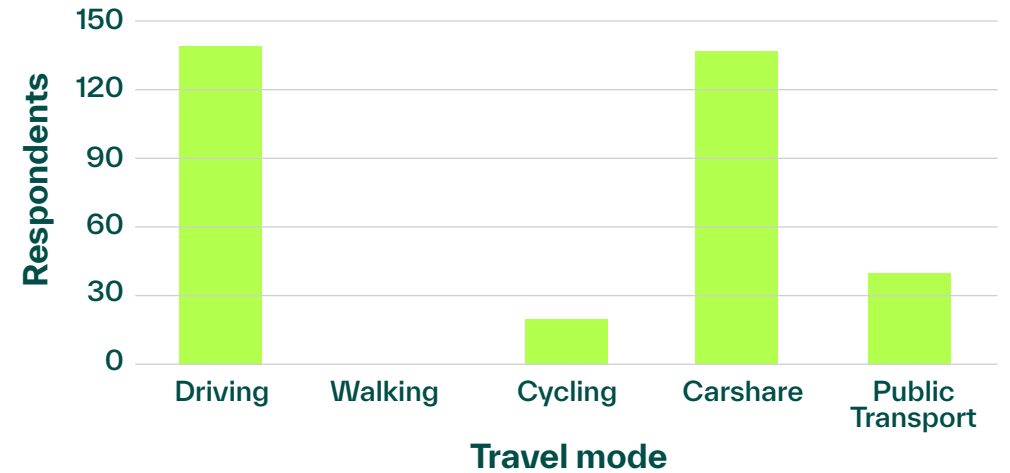
## Personal travel plans

In 2023, we expanded our personal travel plan offering (powered by Mobilityways) to our Members.

So far, 139 plans have been generated.



Travel options generated from Mobilityways Personal Travel Plans



Travel mode	#	%
Driving	139	100.0%
Walking	0	0.0%
Cycling	20	14.4%
Carshare	137	98.6%
Public Transport	40	28.8%





# Materials & Supply Chain

**Objective 3 - Adopt circular economy principles through sustainable procurement and responsible sourcing, maximising the value of materials and natural resources whilst avoiding waste.**

**This will be achieved by:**

- Applying Sustainable Procurement principles when selecting our Supply Chain
- Avoiding waste, maximising Re-Use & Recycling, and exporting Zero Waste to Landfill
- Procuring responsibly sourced construction products & materials (e.g., FSC/PEFC timber)
- Specifying construction materials with Environmental Product Declaration (EPD) and high recycled content
- Designing buildings for disassembly to allow materials to be re-deployed at their end-of-life





# Sustainable Construction

## Materials re-use

**In 2023, we put the principles of circular economy into action, in partnership with European Space Agency (ESA):**

- 'SpaceScapes' boardwalk constructed using approx. 2,000 pallet planks reclaimed from waste by Oxford Wood Recycling, a local social enterprise and charity transforming lives by supporting people excluded from work to move towards and into employment





# Sustainable Construction

## Circular demolition & site preparation

**J. Mould**

**In 2023, we completed the first phase of site preparation for our Innovation Quarter:**

- Recycling over 2,000 tonnes of materials and crushing over 2,000 cubic meters of bricks and concrete for re-use as aggregates on site
- And rehoming two bee colonies discovered during the demolition works!





# Sustainable Water Use

## Circular window cleaning



**In 2023, Calber, our Facilities Management partner, introduced an innovative water saving technology on campus through their window cleaning contractor:**

- Purified water allows for a full and complete clean of all windows and frames without the need of a ladder, using lightweight poles instead with a height up to 65 ft, which is ideal for keeping workers safe and minimising the risk of accidents
- Through this innovative method, purified water is made using a reverse osmosis machine. Standard filtration systems would typically use 3,000 litres of mains water to make 1000 litres of pure water while this system can use as little as 1,500 litres! Moreover, the resulting wastewater is stored and re-used in the trailer pressure wash systems





# Sustainable Waste Management

## Zero landfill

In 2023, we maintained 100% operational waste diversion from landfill for our managed buildings:

- 106 tonnes of waste were collected, representing 2.8 kg/sq m\*
- 46.9% were recyclable & compostable waste segregated at source

### Waste Produced (kg)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Waste destined for EfW	4,227	4,353	4,756	5,186	4,582	5,467	5,542	5,241	4,391	3,834	3,853	4,884	56,316
Glass	118	44	75	200	367	467	567	556	679	596	602	174	4,445
Mixed Recyclables	2,809	2,300	3,094	2,449	3,004	3,293	3,234	2,865	2,213	2,385	3,741	2,157	33,544
Food	540	983	990	1,156	1,075	1,259	974	966	952	579	1,142	1,155	11,771
Wood & Wooden Items	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7,694	7,680	8,915	8,991	9,028	10,486	10,317	9,628	8,235	7,394	9,338	8,370	106,076

### Waste Summary

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Recyclables (kg)	3,467	3,327	4,159	3,805	4,446	5,019	4,775	4,387	3,844	3,560	5,485	3,486	49,760
Non-Recyclables (kg)	4,227	4,353	4,756	5,186	4,582	5,467	5,542	5,241	4,391	3,834	3,853	4,884	56,316
% Recyclables	45.1%	43.3%	46.7%	42.3%	49.2%	47.9%	46.3%	45.6%	46.7%	48.1%	58.7%	41.6%	46.9%
Trees Saved	29	24	33	26	31	35	35	32	23	24	39	22	353
CO <sub>2</sub> e Scope 3 GHG (kg)	161	160	185	188	188	218	217	202	171	155	193	175	2,213
CO <sub>2</sub> e Saved (kg)	2,177	2,509	2,684	2,982	2,654	3,156	3,015	2,881	2,501	2,024	2,360	2,850	31,793
Power Generated (MWh)	2.3	2.4	2.6	2.8	2.5	3.0	3.0	2.9	2.4	2.1	2.1	2.7	30.8

\* B148, B151, B363, B587, HQ, Genesis, Quad One, Quad Two, Zephyr, Zeus, BEP0 & DiSH = 38,154 sq m



# Climate Resilience & Adaptation

**Objective 4 - Make our buildings & infrastructure resilient to predicted changes in the climate.**

**This will be achieved by:**

- Designing buildings & infrastructure to cope with the predicted impacts of climate change including heavy rainfalls, storms, and heat waves
- Managing rainwater through sustainable drainage systems (SuDS) to protect downstream communities from increased flood risk
- Integrating climate resilient species into landscaping (e.g., drought-tolerant)





# Climate Resilience & Adaptation

## A campus fit for the future

**In 2023, we installed and designed Sustainable Drainage Systems (SuDS), applying the predicted changes in climate, to maximise infiltration of rainwater around our new developments and avoid or minimise discharge off-site.**

- Integrating permeable surfaces and vegetation within the surrounding landscape as well as installing underground soakaway and attenuation tanks
- With over 4,600,000 litres of rainwater retention capacity added or designed for installation\*, that's almost the equivalent of 2 Olympic-size swimming pool built to prevent flooding\*\*!

\* Runway Car Park, Helios, Resilience, Zeta, Tech Foundry 1 & 2, Quad Three, IQ Labs

\*\*Based on Olympic-size swimming pool: 50 metres long, 25 metres wide, and a minimum of 2 metres deep = 2,500,000 litres or 2,500m<sup>3</sup>





# Health & Wellbeing

**Objective 6 - Provide an environment that safeguards and enhances the health & wellbeing of staff and visitors.**

**This will be achieved by:**

- Designing our buildings to optimize daylight, views of the outside, thermal comfort, and indoor air quality
- Adapting our campus to be inclusive and foster neuro and physical diversity
- Applying biophilic design principles to connect buildings with nature and natural materials
- Facilitating healthy living and promoting active travel choices
- Providing easy access to green spaces and to places of rest and reflection across campus
- Developing a campus community with a sense of belonging







# Community

## Fostering a vibrant & inclusive campus

**In 2023, we dedicated our efforts to nurturing a thriving community where every member can flourish.**

Through our diverse array of events and initiatives, we aim to foster connections, stimulate intellectual growth, promote social cohesion, prioritise well-being, and ensure easy access to enriching experiences for all.

### Connections

Providing a dynamic community where networking events, tailored monthly rituals, and themed gatherings are curated to enhance communication, self-improvement, and professional development.

### Brain Power

Delving into intellectually stimulating talks, masterclasses, and conferences. Highlights from 2023 include:

- Introduction to Neurodiversity with Professor Sara Rankin
- Exploration of the Science of Green with Adam Frost

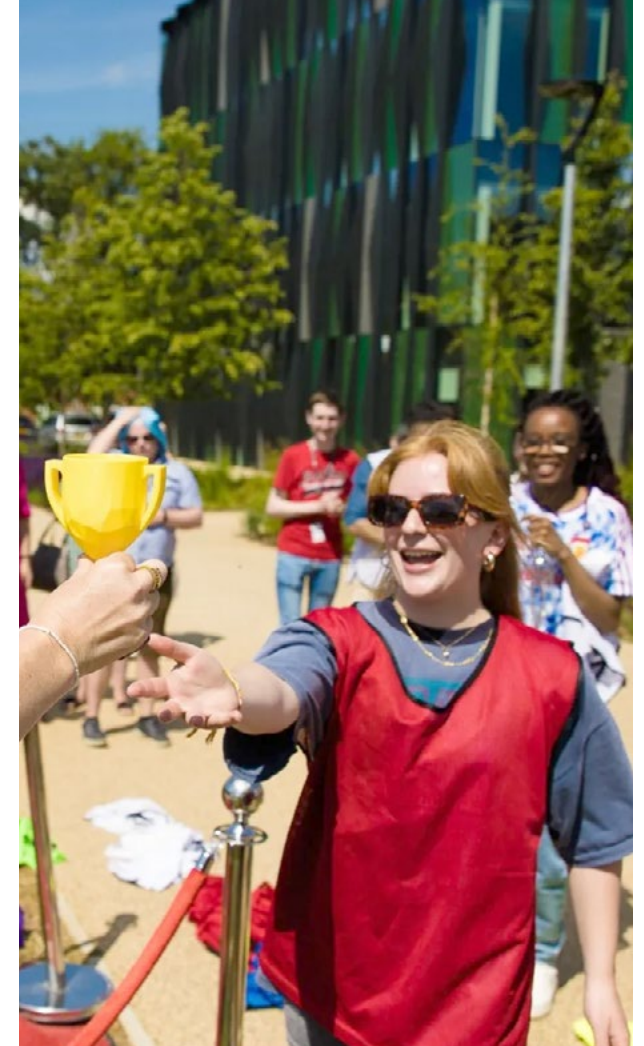
- Discussions on Women in STEM sectors
- The Science of Sleep with Dr Sophie Bostock
- A stress management session run by coach and founder of Stress Education Dr Bernadette Dancy
- Fostering Inclusivity in the Workplace with Dr Chris Paurous

### Social Connectivity

Embracing the community spirit at Harfest, our vibrant annual campus festival, and organising the annual Cup Challenge, fostering friendly competition and camaraderie.

### Balance

Prioritising well-being with regular lunchtime yoga and pilates, and a series of dedicated well-being sessions, whilst providing access to various sports clubs and scenic trails, including our newly introduced Heritage Trail.





# Philanthropy

## Empowering communities

**In 2023, we strived to make a meaningful impact through strategic charitable contributions and partnerships.**

**Local Community Support:** We actively champion local charities like the Didcot Powerhouse Fund, dedicated to addressing inequality and deprivation within the Didcot Garden Town Area of Influence.

**Education and Empowerment:** We strongly advocate for the transformative potential of education, supporting initiatives such as the IF Festival of Science and the Royal Institution (Ri).

Established in 1799, the Ri has been a pioneering force in scientific discovery for over two centuries. Its dedication to engaging the public in the marvels of science has earned it global recognition within the scientific community. Through investments in education, skills development, and entrepreneurship programs, we empower individuals and communities to chart brighter futures.

Click [here](#) to read the Ri 2022-23 Impact Report.





# Public Art

## Feeding the soul

In 2023, we completed our Heritage Trail, commemorating Harwell's 75th anniversary, and carried on inspiring our Members through art:

- 45ft mural, designed by Marianne Dear, and brought to life by Global Street Art



Click [here](#) to view The Harwell Heritage Trail.





# Community & Local Economy

**Objective 7 - Make a lasting positive contribution to communities & the local economy.**

**This will be achieved by:**

- Delivering Social Value through our new developments
- Encouraging our supply chain to employ a local & diverse workforce, and to use local businesses, SMEs & VCSEs
- Providing financial and/or non-financial support to local charities and community groups
- Inspiring young people through STEM, and creating opportunities for apprentices and work experiences
- Make our assets available to local community groups, where possible





# Social Value in the Built Environment

Creating opportunities for the local community through construction

In 2023, our Contractors started putting their Community Employment Plan (CEP) in action:

- Bark chippings donated and garden tidy up for Chilton Primary School
- Financial contributions made to local charities: SOFEA and The Didcot Powerhouse Fund



The Didcot  
Powerhouse  
Fund



# Inspiring the Next Generation

## Green skills in construction

In 2023, we were excited to join Abingdon & Witney College for the launch of its Net Zero Skills Hub, partnering with OxLEP and local businesses to support education in Oxfordshire.

- Proposals are now being developed for Harwell construction projects to engage with students, including initiatives for the re-use of construction materials

Click [here](#) to learn more about the Net Zero Skills Hub





# Inspiring the Next Generation with STEM

## RISE Together

In 2023, we launched a nationwide programme to improve diversity and inclusion in space.

The programme included:

- A UK-wide initiative to encourage children to use their imagination – expressing their visions of space through art. The initiative was launched on the big screen at Piccadilly Lights and was backed by NASA astronauts Nicole Stott, Susan Kilrain and UK Astronaut, ESA Astronaut Tim Peake, and storied science communicator Brian Cox
- A school's day at the campus where 300 local schoolchildren engaged in interactive space-related activities at the campus including, activities from Institute of Imagination, The Royal Institution, and the creation of a giant art mural
- A solutions summit for industry leaders aimed at fostering inclusivity and improving diversity in the space sector, which offered a platform for a diverse audience to explore career opportunities





# Harwell Green Week 2023

## Raising awareness & celebrating Climate Action

In 2023, we organised our 2nd Harwell Green Week alongside the UK NetZero Week:

- 5 keynote speakers and 15 panel experts contributed to the event
- Over 100 campus employees joined the Cycle to Work event
- 350+ tickets were ordered by 100+ participants from 20+ different organisations




Click [here](#) to view Harwell Green Week 2023 highlights.

**Harwell Campus Green Week (3–6 July 2023)**

in collaboration with **HARWELL ENERGY**

Harwell Campus is joining the UK NetZero Week by organising its 2nd Harwell Green Week from 3 - 6 July 2023. Each day will provide opportunities to learn and engage on sustainability matters critical to our Campus, through virtual online sessions & in-person events:

To attend any of these sessions, book your free tickets today



Day	Morning	Afternoon
<b>MON 3 JULY</b>	<b>09:30 - 10:30 [Online]</b> 2023 Harwell Green Week Virtual Launch	<b>14:00 - 15:00 [In person]</b> '10 Steps to Net Zero' Workshop Venue: CR12/13 [STFC]
<b>TUES 4 JULY</b>	<b>09:30 - 10:30 [Online]</b> Virtual Coffee Morning Talk & Panel discussion on Energy & Carbon	<b>14.00 - 16.00 [Drop in]</b> The Future we Make - Sustainability Poster Competition Venue: CR12/13 [STFC]
		<b>11:00 - 13:00 (Lunch provided) [In person]</b> Harwell Green Ambassadors Workshop Venue: Quad Two
<b>WED 5 JULY</b>	<b>08:45 - 09:15 [In person]</b> Harwell Green Community Breakfast Venue: Quad Two	<b>13.30 - 15.00 [In person]</b> Nature Walk & Talk Venue: The Hides
	<b>09:30 - 10:30 [Online]</b> Virtual Coffee Morning Talk & Panel discussion on Nature & Biodiversity	
	<b>11:00 - 12:30 [In person]</b> Nature Walk & Talk Venue: The Hides	
	<b>07:30 - 09:30 [Action]</b> Green(er) Travel to Work, supported by HarBUG Cycle to Work Day with free breakfast & bike doctor at DISH	<b>11.30 - 14.00 [Drop in]</b> Meet HarBUG





# Harwell Green Week 2023

## Engaging with our members on sustainability

In 2023, we looked at different ways to promote and inspire a sustainable campus life:

- 'Science of Green' Talk by Adam Frost
- Green Community Breakfast, catered by local social enterprise Waste2Taste
- '10 Steps to Net Zero' Workshop facilitated by OxLEP | Oxfordshire Local Enterprise Partnership
- Harwell Green Ambassadors Workshop, facilitated by Oxfordshire Greentech & Cambridge Cleantech
- UN Sustainable Development Goals (SDGs) Game, facilitated by The Global Academy



Wednesday 28 June

**Science of Green with Adam Frost**



