University of Oxford's

International Sustainability Research Network Charter Report

The International Sustainability Campus Network Report

The International Sustainability Campus Network (ISCN) is a group of universities and colleges who have signed up to the ISCN charter.

Its mission statement is:

"To provide a global forum to support leading colleges, universities, and corporate campuses in the exchange of information, ideas, and best practices for achieving sustainable campus operations and integrating stainability in research and teaching."

ISCN members come from all over the world. They share their sustainability goals and performance indicators in their ISCN-GULF Charter Reports and report on three principles these are:

Principle 1: Sustainable performance of buildings on campus

Principle 2: Campus-wide master planning and target

Principle 3: Integration of facilities, research, and education

Below is a summary of data which makes up the ISCN-GULF Charter Reports and supports the University's environmental annual review, found here.

Where appropriate, information is based on the data submitted to HESA (Higher Education Statistics Agency) as part of the Estates Management Record return. The full dataset is here.

Data summary

Area	Priority	Objective and target	2009/10	2013/14	2014/15	2015/16	Progress	Objective and targets for 2017/18
ISCN Principle 1								
Resource use	Total energy generated (renewables and CHP)	Reduce carbon emissions by 33% below the 2005/6 baseline by 2020/21	3,500	3,986,746 (+113,807% from 2009/10)	5,347,191 (+152,677% from 2009/10)	4,918,746 (+140,537% from 2009/10	Positive	Review the long-term carbon reduction target, and develop a plan to set a new target. Provide the plan by 31 July 2018.
Resource use	Electricity (kWh)		110,752,829 195 kWh/m²	114,878,816 (+3.7% from 2009/10) 177 kWh/m²	105,566,874 (−5% from 2009/10) 162 kWh/m²	106,982,924 (−3.4% from 2009/10) 161 kWh/m²	Positive	Implement projects falling within the scope of the Carbon Project Plan which have estimated savings of 500 tCO$_2$ with a stretch target of 1,500 tCO2.
Resource use	Gas (kWh)		99,013,026 175 kWh/m²	89,511,456 (−9% from 2009/10) 134 kWh/m²	98,121,578 (−1% from 2009/10) 151 kWh/m²	93,472,606 (−5.6% from 2009/10) 141 kWh/m²	Positive	
Resource use	Oil (kWh)		540,607 0.9 kWh/m2	283,505 (−47.56% from 2009/10) 0.4 kWh/m2	350,402 (−35% from 2009/10) 0.5 kWh/m2	133,973 (−75% from 2009/10) 0.2 kWh/ m2	Positive	
Resource use	Vehicles (litres)	See related Transport objectives.	213,000	244,331 (+15% from 2009/10)	102,770 (−52% from 2009/10)*	113,818 (−48% from 2009/10)	Positive	Increase low-emission vehicles (LEV) within the University's road-going fleet to 12 by 31 July 2018.
Resource use	Water Consumption (m3)	Under review	379,560 11.9 m³ per person per year	399,374* (+5 from 2009/10) 12.0 m³ per person per year	424,314* (+12% from 2009/10) 13.6 m³ per person per year	440,804* (+16% from 2009/10) 12.9 m³ per person per year	Negative	Produce a draft of the revised water strategy to be presented to the Sustainability Steering Group at their Trinity Term meeting.
Resource use	Rain/Grey Water Consumption		1,000	994 (−1% from 2009/10)	10,347 (+935% from 2009/10)	8,911 (+791% from 2009/10)	Positive	
Resource use	Total waste produced (tonnes)	Under review	1,723 (23% Recycling Rate)	4,329 (34% Recycling Rate)*	3,474 (29% Recycling Rate)*	3,805 (46% recycling rate)*	Positive	From 1 Aug 2017 to 31 July 2018 achieve an average recycling rate across the University's main non-hazardous waste contract of 40% or over.

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Resource use	Central University non-hazardous waste contract		N/A	28%	31%	37%	Positive	
Resource use	Materials reused through the University's reuse programme (kg)		N/A	796	4,905	7,529	Positive	From 1 August 2017 to 31 July 2018 have 250 swaps through the University's WARPit system supporting reuse within he University.
Building Design Aspects	Sustainable Building Standards	From 2009 The University will seek BREEAM 'Excellent' rating for all projects over £1m.	N/A	1 BREEAM Excellent rating – Andrew Wiles Building	1 BREEAM Excellent rating – Blavatnik School of Government	1 BREEAM very good – Radcliffe Primary Care Building (refurb.) 1 BREEAM outstanding – Big Data Institute (2017) 1 Passivhaus certification – Kellogg College Student Hub (2017)	Positive	Embed Passivhaus considerations within the Sustainable Buildings Philosophy document by December 2017 in support of delivering the University's sustainable buildings policy. This was amended in February 2017 to use the Passivhaus methodology to steer future project over £1m construction cost. Not all projects will target full certification. Continue to support those capital projects initiated before February 2017 in achieving BREEAM Excellent certification by project end date
ISCN Principle 2								
Institution-wide Carbon Targets and Related Achievements	Carbon Emissions (tCO2)e	Reduce carbon emissions by 33% below the 2005/6 baseline by 2020/21	81,000 (+23% from 2005/6)	74,518 (+12% from 2005/06)	67,806 (+3% from 2005/06)	62,717 (-5% from 2005/06) (-22.6% from a peak in 2009/10)	Positive	Review the long-term carbon reduction target, and develop a plan to set a new target. Provide the plan by 31 July 2018.
Institution-wide Carbon Targets and Related Achievements	Carbon emissions per income	Performance indicator	0.07	0.06 (-31.08% from 2009/10)	0.05 (-48.48% from 2009/10)	0.05 (-48.46% from 2009/10)	Positive	Implement projects falling within the scope of the Carbon Project Plan which have estimated savings of 500 tCO_2 with a stretch target of 1,500 tCO_2.
Institution-wide Carbon Targets and Related Achievements	Carbon emissions per gross internal m2	Performance indicator	143 kg CO_2e per m^2 (+7.8% from 2005/06)	114 kg CO_2e per m^2 (+13% from 2005/06)	104 kg CO_2e per m^2 (+21% from 2005/06)	95 kg CO_2e per m^2 (-29% from 2005/06)	Positive	
Food	Sustainable Procurement	Formalise a Food Policy	Not recorded	The Sustainable Food policy drafted	Sustainable food policy developed, to be finalized in 15/16 and launched in 16/17	Food policy launched and new catering contract developed	Positive	Support the pilot and review of University Fairtrade certification as per time line dictated by the Fairtrade Association.
Land-use and Biodiversity	Biodiversity	Formalise the Biodiversity Strategy	Not recorded	The Biodiversity strategy drafted	Biodiversity strategy developed, to be finalized in 15/16 and launched in 16/17	Biodiversity strategy launched and University supports Oxford Swift City	Positive	Install 30 solitary bee nests. Support the RSPB with Oxford Swift City.

Area	Priority	Objective and target	2009/10	2013/14	2014/15	2015/16	Progress	Objective and targets for 2017/18
Transport	Sustainable travel	Review strategy and set objectives and targets to increase the sustainability of business travel	2,900 cycle spaces	3,700 cycle spaces (+28 % from 2009/10)	3,850 cycle spaces (+33% from 2009/10)	4,000 cycle spaces (+38% from 2009/10)	Positive	Implement the Transport Strategy and support the delivery of targets as set out in the strategy. Annual targets include: Support the pilot of UniCycle Love to Ride during 2017/18. Achieve 500 sign-ups of staff and students by 31 July 2018. Provide adult cycle training to 50 staff or students between1 August 2017 to 31 July 2018.
ISCN Principle 3								
Commitments and resources for campus sustainability	Environmental Management	Certify an Environmental Management System and increase its reach	Not recorded	Further developed	6 University buildings certified to ISO14001:2004	6 University buildings certified to ISO14001:2004	No change	Embed environmental consideration and practices within the crisis management framework and tests.
Commitments and resources for campus sustainability	Green Impact	To run Green Impact and sign up 40 teams	Not recorded	23 departments participated with the first annual awards	31 teams participated across departments and colleges	80 teams participated across departments and colleges	Positive	Target 90 teams signed up to participate.
Commitments and resources for campus sustainability	Student Switch Off	To run Student Switch Off and sign up 28 colleges	Not recorded	28 colleges took part in Student Switch Off	29 colleges took part in Student Switch Off	29 colleges took part in Student Switch Off	Positive	Target 30 colleges signed up to participate.

* Significant change in data availability or reporting techniques affecting the comparability of the data.