



Annual Report 2013

A brief overview



UNIVERSITY OF
CAMBRIDGE

Full report:
www.cam.ac.uk/annual-report

Introduction

This brief document provides just a flavour of the University of Cambridge *Annual Report 2013*. The version published online at www.cam.ac.uk/annual-report contains the full report and accounts; the full case studies highlighted here; supplementary dynamic content; and information on University events and achievements throughout the academic year 2012–13.

Vice-Chancellor's Foreword

A collaborative approach to world challenges

The mission of the University of Cambridge is to contribute to society – to change our world for the better. One of our responsibilities to the world is to work out how we – whether that means humankind, the UK or the University itself – can live in a more sustainable way. The case studies in this annual report look at some of the many ways in which the University is tackling these challenges.

For us, the excitement of its work lies in its variety, its consequence and its collaborative nature. To address these complex challenges we are building deep relationships around the world, with businesses large and small, with civic society, with governments and NGOs, and with students, researchers and other academic institutions.

Our Strategic Research Initiatives and Networks, including Energy@Cambridge, bring together a critical mass of expertise that spans national borders and crosses the boundaries of academic disciplines. Crucially, they are also designed to speed up the translation of research into practice because, as with much of what Cambridge does, this truly matters to society – local, national and global.

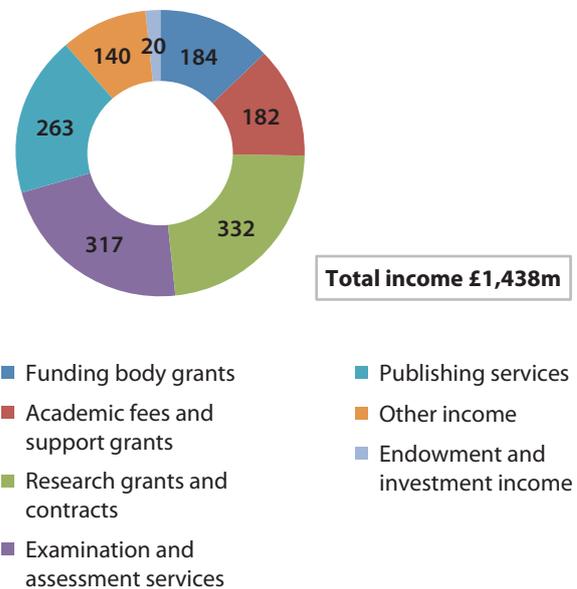


Professor Sir Leszek Borysiewicz
Vice-Chancellor

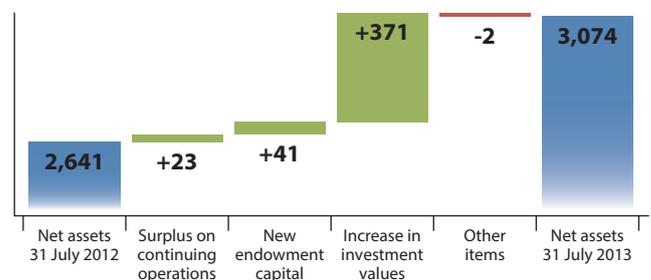
Financial highlights for the year ended 31 July 2013

The University's audited financial statements for the year ended 31 July 2013 were published in the Cambridge *University Reporter* on 10 December 2013 [www.admin.cam.ac.uk/reporter/2013-14/weekly/6329/]. The following analyses, extracted from those financial statements and the accompanying financial review, summarise the University's sources of income and the factors affecting net assets.

Group income £m – year ended 31 July 2013



Movement in group net assets £m



Increases in the values of endowment and other financial assets, and inflows to the endowment from benefactions and donations, together with surpluses from assessment and publishing activities, brought the group's net assets to over £3 billion for the first time.

The following are short introductions to four case studies which are published in full at www.cam.ac.uk/annual-report.

The University's first research centre outside Cambridge

The CREATE campus in Singapore is the home of the Centre for Carbon Reduction in Technology (C4T), which is based within CARES (The Cambridge Centre for Advanced Research in Energy Efficiency), a research centre involving the University of Cambridge with two academic partner organisations, the Nanyang Technological University and the National University of Singapore, and funded by the National Research Foundation of Singapore. Together, researchers are identifying technology solutions for improving the energy efficiency of the petrochemical industrial complex on Jurong Island, located to the southwest of the main island of Singapore. Work on the programme is transnational, with significant traffic of researchers between Singapore and Cambridge. It is the University's first research centre outside of Cambridge.

The University's Energy@Cambridge Initiative, founded in 2010, is one of 12 Strategic Research Initiatives across the University. The Energy@Cambridge Initiative represents the research of over 250 academics working in energy-related topics across a variety of disciplines drawn from 27 different centres, institutes, departments and faculties in the physical and life sciences, technology and social sciences.

Professor Lynn Gladden, the Chair of the Energy@Cambridge Initiative, explains its role: "The Initiative operates at an institutional level giving the academic researchers the opportunities to work on global challenges delivering real results that can be implemented."



Source: PEO ACWA www.flickr.com/photos/cwa/

Source: Cambridge Digital Library

Admiralty Oct: 27 1790

Preserving treasures and enabling research

On 27 October 1790, Captain William Bligh wrote to Sir Harold Parker, Secretary of the Board of Longitude, explaining what had happened to the watch that the Board had lent him. "Sir, I am to inform you that the timekeeper, which was given to my charge on board His Majesty's Ship *Bounty*, was left in the said Ship when Pirated from my command on the 28 April 1789." After the mutiny, and without the watch, Bligh managed to sail to safety in a small launch with 18 companions – a journey of 4,000 miles and 48 days.

This poignant note is one of the many treasures that were made available to the public when the University Library and the National Maritime Museum launched the digitised archive of the Board of Longitude in July 2013.

Grant Young, the Library's Head of Digital Content, explains why the programme of digitisation is so important: "We're digitising because the Library has accumulated an amazing collection from around the world over 600 years. We have a vast number of treasures that support research and enrich teaching and are also of great interest the wider public. Access to some of the collections, for example, the Darwin papers or the Newton papers, is severely limited. Digitisation makes this material much more widely accessible."

I am to inform you that the
timekeeper, which was given to my charge
on board His Majesty's Ship *Bounty*,
was left in the said Ship
when Pirated from my command on
the 28 April 1789. —
I have the honor to be
Sir
Your most obed^t
very Affectionate
Wm Bligh

Launch of a collaborative space for conservation

“An extraordinary marriage between outstanding practical conservationists and inspiring intellectual thinkers which will shape the future of life on Earth.” These were the words Sir David Attenborough used to describe the Cambridge Conservation Initiative at the Senate House launch of the Initiative’s new Conservation Campus building in April 2013.

Since 2007, the Cambridge Conservation Initiative (CCI) has worked to harness the potential power inherent in one of the world’s greatest concentrations of conservation organisations, which is centred on Cambridge and its surroundings. By bringing together these organisations and the University in strategic collaborations, CCI aims to tackle new and existing biodiversity conservation issues that no one organisation or University scholar would be able to tackle alone.

Sir David’s visit to Cambridge was to launch one of CCI’s most visible collaborations, the creation of a Conservation Campus. The Campus, due to open in late 2015, will be situated on the University’s New Museums Site and will bring together over 500 professional conservationists from the University and at least nine conservation organisations.



Source: Phil Mymott/CCI

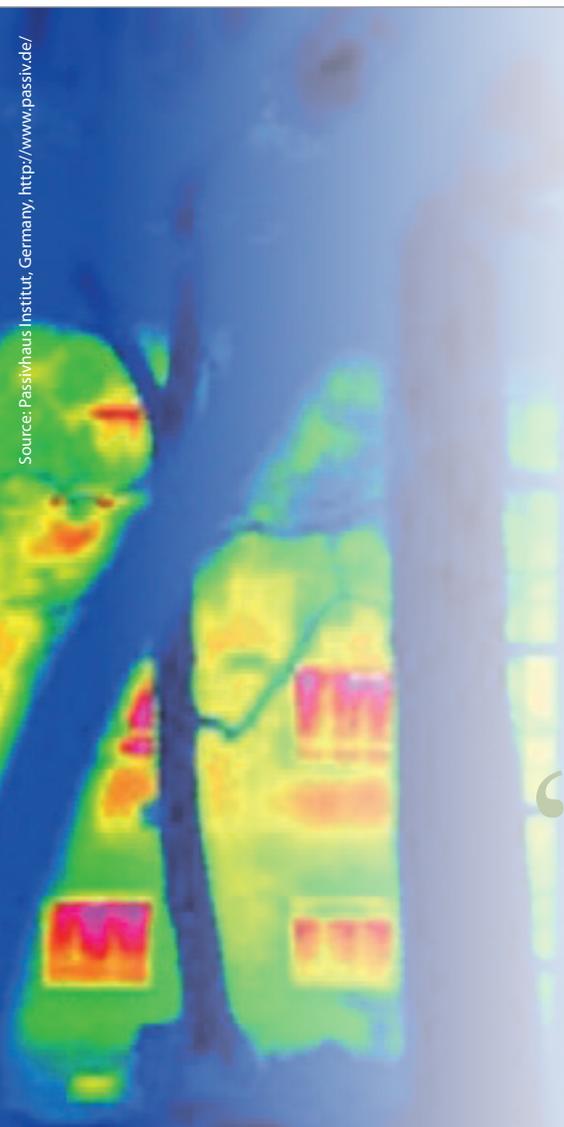
Tackling our own environmental challenges

It might be considered that, because the University is home to so many talented and open-minded people, gaining efficiencies in energy use would be a simple problem to fix. However, that strength is also a challenge as people who can overturn decades or centuries of conventional thinking through a new experiment or insight do not fit comfortably into a neat top-down, rule-based management system.

The University is a democratic place in which over 3,500 people have the right to vote on every important decision being proposed. Departments generally have their own devolved budgets, and their own building managers. There are over 300 buildings, the earliest of which are over 600 years old with preservation orders preventing energy-saving alterations. Many of the buildings have been modified over time resulting in complex heating systems; furthermore, precise control of temperature and humidity are required for the millions of artefacts and specialist experiments housed and performed in them.

It is therefore clear that to deliver on the University’s commitment of reducing the environmental impact of the way it operates is a significant challenge. It is this challenge that the newly formed Environment and Energy Team is addressing.

“Joanna Chamberlain, the head of the team, explains how one of its many projects works: “The Living Laboratory project, which started in October 2012, gives students the opportunity to use the University as a living lab. They’re undertaking research, using the University estate. This gives them the opportunity to work on real-life problems in their research. The idea of the Living Lab is that the output of this research is used to inform the operations on the estate. So it’s a full cycle of work.”

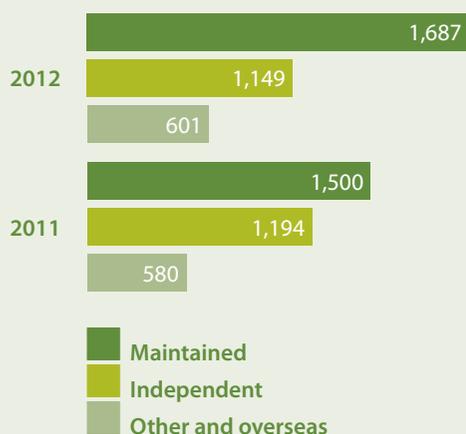


Charting progress

Admission Statistics



Undergraduate acceptances by type of school/college by year of entry or deferred entry for the following year



Information provided by the Cambridge Student Statistics Office, Cambridge Admissions Office and Equality and Diversity.

Staff Equality and Diversity

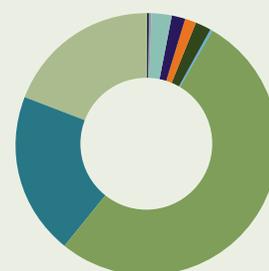
Staff group by gender

	Academic	Academic Related	Assistant	Research
Male	1,219	762	1,309	1,917
Female	451	806	2,127	1,575
Total	1,670	1,568	3,436	3,492

(July 2013)

Staff ethnicity overall

Staff ethnicity percentages given are for staff with a known disclosed ethnic background.



Ethnicity	Number	%
Arab	11	0.1%
Bangladeshi	10	0.1%
Black African	32	0.3%
Black Caribbean	18	0.2%
Chinese	266	2.6%
Indian	171	1.7%
Mixed	114	1.1%
Non – White Other	217	2.1%
Pakistani	32	0.3%
White – British	5,325	52.4%
White – Other	2,045	20.1%
Not known	1,925	18.9%
Total	10166	100%

The University does not hold ethnicity data for 18.9% of its staff

Outreach Activity

During 2012–13, outreach teams across the Collegiate University interacted with:

155,265 State school and college students

16,647 Teachers

8,019 Schools and further education colleges

At a total cost of over £4m

Some of the happenings during academic year 2012-13

October 2012

- Professor Sir John Gurdon is awarded Nobel Prize in Physiology or Medicine
- Sainsbury Laboratory is awarded the Stirling Prize 2012

November 2012

- Fitzwilliam Museum succeeds in saving Poussin masterpiece for the nation
- Duke and Duchess of Cambridge visit the University

January 2013

- 13th annual CUSU shadowing scheme gives 400 Year-12 students from under-represented groups the chance to experience life at Cambridge
- University gives approval for the first phase of the North West Cambridge development

February 2013

- Cambridge is named one of the Wellcome Trust's Centres for Global Health Research
- Children in care visit Cambridge for a series of events organised by the University's Realise programme

March 2013

- Cambridge Sports Centre is topped out at West Cambridge
- University hosts the annual International Women's Day lecture

April 2013

- David Mackay is appointed first holder of Regius Professor of Engineering
- University Colleges host free conference for state school teachers and HE advisors

May 2013

- Five Cambridge academics are elected to the Royal Society
- Six Cambridge academics are elected to the Academy of Medical Science

June 2013

- Cambridge is named Academic Centre of Excellence in Cybersecurity Research by UK Government
- Cambridge Graphene Centre and Plastic Logic announce partnership

July 2013

- Cambridge Enterprise reports a return of nearly £7.7 million to seed funds
- Professor Beverley Glover takes up her post as the new Director of the Botanic Garden



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Please contact the Office of External Affairs and Communications if you are unable to view the full report online and wish to receive it in hard-copy format.

Front cover image:

Source: Perry Hastings. Fern, Botanic Garden



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