



# CAMPUSES AND RESOURCES

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## Closure of Kuring-gai campus after 25 years

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## Architect Frank Gehry attended official opening of Dr Chau Chak Wing Building

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## 6 Star Green Star rating for Science and Graduate School of Health Building

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### Kuring-gai campus

This year, after 25 years, the university's Kuring-gai campus closed and the cohort relocated to the City campus.

The coming together of all UTS staff and students at a single, unified campus for the first time marked a major milestone in UTS's history. The journey to unification was 13 years in the making.

Around 100 staff — largely from the Faculty of Health, the Faculty of Arts and Social Sciences and the UTS Library — relocated across four staged moves; and health and education courses based at Kuring-gai also moved to the City campus along with around 3000 students.

### Campus Master Plan

The unification of our campus is a key objective of the Campus Master Plan (CMP). We have now created a revitalised, state-of-the-art, urban campus that offers all our staff and students exceptional learning and research facilities, and fosters connection, collaboration and creativity.

The CMP has now delivered multiple and diverse projects ranging from upgrades to existing facilities through to major new buildings across the City campus. Combined, these provide new spaces for teaching and learning, research, sports, housing and university ceremonies.

Two of the main buildings had their official openings this year. The Dr Chau Chak Wing Building was opened by the Governor-General of Australia, His Excellency General the Hon. Sir Peter Cosgrove, AK, MC (Retd). Architect Frank Gehry, a special guest of UTS, was in attendance to join in the celebrations for the opening of his first, and only, Australian building.

In April, the New South Wales Minister for Health, the Hon. Jillian Skinner, MP, formally opened the Science and Graduate School of Health Building at a reception for industry and health and science education stakeholders.

The Engineering and IT Building, opened in 2014, had a separate formal opening for its interactive 3D visualisation facility, the UTS Data Arena. In July, the New South Wales Minister for Innovation, the Hon. Victor Dominello, MP, and industry and sector guests, attended the opening event, which also included an animated 3D concept reel produced by animation and visual effects studio Animal Logic.

The CMP continues with a focus on supporting and facilitating the university's current and future needs to provide excellence in teaching, learning and research. A major new building, UTS Central, is planned for completion for the 2019 academic year.

## Sustainability

The updated UTS Sustainability Policy, which provides a framework for sustainable practice at the university, took effect in January. The policy comprises principles for integrating sustainability across the four key areas of research, learning, campus operations and community engagement.

Sustainability principles continued to be embedded into the planning, design and delivery of the CMP buildings and associated infrastructure, which is essential to good sustainability performance. This year the Green Building Council of Australia recognised the sustainability of our new buildings by awarding a certified 5 Star Green Star As Built rating to the Engineering and IT Building and a 6 Star Green Star Design rating to the Science and Graduate School of Health Building. This is in addition to the certified 5 Star Green Star Design ratings awarded to the Dr Chau Chak Wing Building in 2013 and the Engineering and IT Building in 2014.

The Science and Graduate School of Health Building's sustainable features include cladding made from recycled glass, innovative daylighting design, a thermal labyrinth, rainwater recycling, solar hot water system and a green roof. The 6 Star Green Star rating for the building represents world leadership in the sustainable design of tertiary education buildings. The building also achieved several other sustainability awards in 2015 (see awards for our campus).

## Awards for our campus

The new UTS buildings and facilities are not only impacting those who use them every day; they have also been recognised for their excellence in design, construction and sustainability through a raft of industry awards.

Some of the main awards received in 2015 include:

### Dr Chau Chak Wing Building

- > Horbury Hunt Commercial Award at the Think Brick Awards 2015; presented to the best commercial brick building in Australia
- > Good Design Award from Good Design Australia in the Product Design — Hardware and Building category for its use of brick (with bricks designed by Bowral Bricks)
- > National Public Buildings Award — over \$50 million from the Master Builders Australia National Excellence in Building and Construction Awards
- > Master Builders Association of NSW Awards: Tertiary Buildings over \$100 million, Best Use of Bricks and Best Use of Architectural Steel
- > Australian Timber Design Award 2015: People's Choice Award for oval classrooms.

### Science and Graduate School of Health Building

- > Gold in the Architecture — Mixed Use — Constructed category at the 2015 Sydney Design Awards
- > William E Kemp Award for Educational Architecture at the Australian Institute of Architects (NSW) awards
- > City of Sydney Lord Mayor's Prize at the Australian Institute of Architects (NSW) awards
- > National Award for Educational Architecture by the Australian Institute of Architects.

The building was also recognised for its sustainability with achievements including:

- > a certified 6 Star Green Star Design rating by the Green Building Council of Australia; making it only the second university building in New South Wales to achieve this rating
- > the New South Wales Government Green Globe Awards Built Environment Sustainability — Commercial Properties Award
- > the Public Building and Urban Design prize at Architecture & Design's 2015 Sustainability Awards
- > the Award for Excellence in Sustainability at the Australian Institute of Refrigeration, Airconditioning and Heating Awards.

### Other

- > UTS Alumni Green won the Australian Institute of Landscape Architects' Award for Design Excellence in Landscape Architecture.
- > UTS Alumni Green won gold in the Landscape Design category at the 2015 Sydney Design Awards.
- > Our wayfinding and signage, delivered by Urbanite (part of Frost\*collective) and BrandCulture, won gold in the Wayfinding category at the 2015 Sydney Design Awards.

Digital screen displays communicated the new buildings' sustainability features and performance, and UTS Green ran monthly public sustainable building tours of the Dr Chau Chak Wing and Science and Graduate School of Health buildings.

UTS continued to publicly report its greenhouse gas emissions under the National Greenhouse and Energy Reporting scheme. The graph below outlines the university's energy and water consumption from 1999 to 2015 against changes in floor area and equivalent full-time student load.

2015 saw an increase in the university's floor area (19 per cent), which was reflected in an increase in energy and water consumption from 2014; electricity increased by 8.9 per cent, gas by 19 per cent and water by 8.2 per cent. UTS has made a commitment to achieve a 30 per cent reduction in greenhouse gas emissions based on 2007 levels by 2020–21 and continues to investigate the installation of additional on-site renewable energy.

In an Australian first, UTS signed a power purchase agreement to buy the output of a solar farm in the Hunter Valley that supplies renewable energy to the Dr Chau Chak Wing Building; accounting for around 15 per cent of its energy consumption. This new customer-led business model could be used to underwrite future large scale renewable projects.

UTS Cleans Up, the rollout of the new waste and recycling system for office spaces, was completed in 2015. It delivered a 35 per cent increase in paper recycling, significant cleaning and waste cost savings and saves around 240,000 plastic bin liners annually.

A comprehensive review of the UTS curriculum was undertaken this year to better understand the full scope and depth of sustainability content across all UTS faculties and schools.

UTS and the Institute for Sustainable Futures continued to promote sustainability research with their involvement in the Cooperative Research Centre for Low Carbon Living urban precinct project studying the retrofitting of precincts to facilitate more efficient resource use and carbon reductions.

### Sustainable community

The UTS Sustainability Engagement Plan 2016–2018 was developed this year and endorsed by the Sustainability Steering Committee. The plan outlines the mechanisms to engage our students, staff, visitors and the broader community in more sustainable practices and for the university to act as a public advocate for sustainability in the wider community.

UTS Green continued its focus on engaging with the UTS community and facilitating sustainability initiatives and events across the university. UTS Green worked with groups on campus, including ActivateUTS, UTS Housing, the UTS Library, the Students' Association and the Student Environment Collective, to run or support a number of events throughout the year, including O-week, Ride to UTS Day and Earth Hour. UTS Green also ran a successful competition called Think.Drink.Do. in partnership with Sydney Water during student orientation to promote fun ways to reduce plastic bottle waste. The Green Staff Network met regularly to help promote sustainable practices on campus.

Green Week, the pinnacle of sustainability events on campus, took place in June with events including a photography competition and exhibition, film screenings

and a green debate. The week of diverse activities was delivered in collaboration with neighbours TAFE NSW Ultimo and the Australian Broadcasting Corporation. Institute for Sustainable Futures Director Professor Stuart White hosted a World Environment Day morning tea to recognise and celebrate the work of committed UTS staff and students. 2015 Green Hero award winners were staff member Seymour Maddison, PhD candidate Peter Irga and student Anita Linke.

The UTS Green website was regularly updated with sustainability information, news, activities, and new videos exploring sustainability within the university's faculties. Other communications included the UTS Green monthly e-newsletter and regular updates on the UTS Green Facebook page.

Throughout 2015 the UTS Loft Bar hosted sustainability drinks; a monthly social gathering of 'green collar' students, industry professionals and the community to facilitate networking and collaboration.

UTS continued to participate in the City of Sydney's Better Buildings Partnership, collaborating with other building owners to improve sustainable practices in the property industry.

### Utilities consumption 1999–2015

