

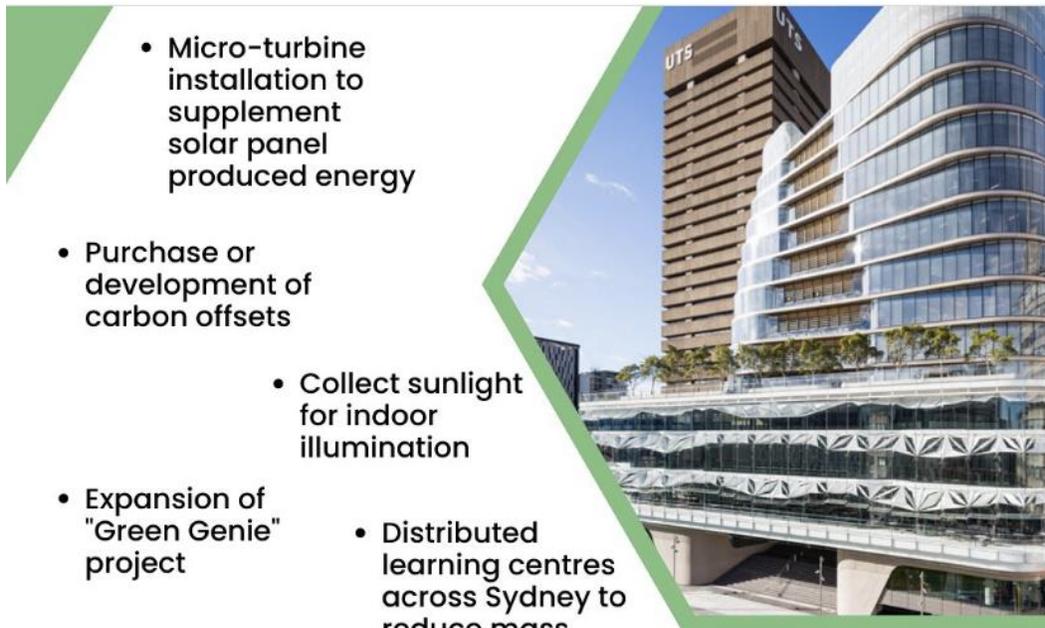
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Day 20 – Greenest

To be honest, my university is practising quite intense sustainable practices, and any areas that are lacking has research currently being conducted to improve these areas. UTS was ranked 2<sup>nd</sup> in Australia for their sustainability in 2022 and the 15<sup>th</sup> best-performing university in the world.

One area they could improve is their carbon emissions. UTS is currently working towards carbon neutrality on campus, where in 2021 they cut 2007 emissions by 30%. They should improve their carbon emissions in order to help Australia get to zero emissions by 2050 and to model successful sustainability practices to other universities and businesses in Australia. In order to help make this change, I would need to work with a wide variety of people, such as finance directors, energy managers and heads of school in order to make the change, since carbon neutrality impacts all facets of the university. Whilst UTS is a top performer in most areas such as food waste and water usage, UTS as a technology university consumes a large amount of energy that contributes to their carbon emissions. In order to reduce this, on top of their solar panel initiative to generate energy on site, they could use collected sunlight for indoor illumination and distribute learning centres more around Sydney (perhaps put learning centres in suburbs where a large proportion of UTS students live). The University of San Francisco is carbon neutral, and they have done this through installing micro turbines that produce heat and electricity, as well as purchasing off-site carbon offsets. UTS could employ these recommendations in order to produce this change. UTS has also just employed a project called “Green Genie” that uses algae to convert CO<sub>2</sub> into algal biomass which can be used for biofuel production, chemicals, bioplastics, and fertiliser. This has just been introduced so could provide major benefits if rolled out on a more expansive scale. I can use my skills in research and advocacy to research these suggestions and propose ways UTS can implement these. In addition, I could start fundraisers through creating a club or society that would allow UTS to purchase more carbon offsets.



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# UTS! WE STILL AREN'T CARBON NEUTRAL!

The development of sustainable practices on campus such as extensive water recycling, and plastic and waste reduction is vital for our success, but we need more!



pgc\_tahlia UTS was ranked 2nd in Australia this year for sustainability, and 15th in the world! However, that doesn't mean we can stop here! UTS has fantastic strategies in place in order to help achieve the UN SDGs, for example the requirement of all food retailers in the campus food court to supply only biodegradable packaging which is collected and commercially composted.

UTS is certainly on its way to carbon neutrality, with emissions reduced by 30% compared 2007 levels but is definitely not there yet!

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