



CAMPUS HAPPENINGS



S\$5.7 million investment to increase solar energy generation on campus

As part of NTU's commitment to sustainability, S\$5.7 million will be invested to install additional 13,000 new solar panels in campus which will increase solar energy generation by 74% as compared to the current output. This could potentially help to reduce 4,800 tonnes of carbon emissions per year. This initiative is in line with the [Sustainability Manifesto](#) and the installation of solar PV panels is due to complete by last quarter of 2023.

Click [HERE](#) for more details.



Launch of Smart Mobility Experience Centre (SMEC) on campus in partnership with ComfortDelGro Bus

Singapore's first and only Smart Mobility Experience Centre (SMEC) open to both NTU community and members of the public, has been launched on NTU campus as part of ongoing partnership with ComfortDelGro Bus. The centre is equipped with state-of-the-art systems that can monitor the deployment and system performance of the NTU electric bus fleet. Visit the SMEC located in North Spine near Canopy Stage to discover the technological solutions behind the new NTU electric buses!

Click [HERE](#) for more details.



New industry partner in NTU's sustainability journey

As NTU pushes forward on our sustainability journey, we are pleased to announce that IBM has recently committed to become one of our key industry partners. Leveraging on our mutual strengths, we look forward to working closely with IBM in the coming months on potential collaboration to create sustainable enterprises.

Click [HERE](#) for more details.



Climate change documentary highlighting impact of changing polar region on Southeast Asia

A documentary titled *Polar Impact Asia* has been launched by the [Earth Observatory of Singapore \(EOS\)](#). It highlights a new Singapore-Norway collaboration to better understand the impact of melting ice in Arctic region on rising sea levels in Singapore and Southeast Asia. Watch the documentary and follow scientists from EOS as they travel to the Arctic region, which will help them better assess the impact of climate change and rising sea levels on communities in Singapore and Southeast Asia.

Click [HERE](#) for more details.



NTreeU crowdfunding campaign on giving.sg

Did you know that more than 400 animal species have been recorded in NTU? These animals rely on healthy forests to survive. Sensitive and targeted tree-planting activities in NTU can protect these animals, as well as provide us with a greener living and working environment. Earthlink's [NTreeU](#) team have been working hard to make this a reality. Find out more and lend them your support!

Click [HERE](#) for more details.

RESEARCH HIGHLIGHTS



S\$5 million research collaboration to develop tech solutions in sustainability, data privacy and cyber security

As part of a new S\$5 million research collaboration, NTU Singapore and OCBC Bank will seek to develop innovative technological solutions in sustainability, data privacy and cyber security over the next five years. The signing of the research collaboration agreement was witnessed by Deputy Prime Minister, Coordinating Minister for Economic Policies, and Chairman of the National Research Foundation, Mr Heng Swee Keat at [NTU's Strategic Centre for Research in Privacy-Preserving Technologies & Systems \(SCRIPTS\)](#). Leading the joint research is NTU Associate Vice President (Strategy and Partnerships) Professor Lam Kwok Yan, who is the Director of SCRIPTS and the Executive Director of National Centre for Research in Digital Trust.

Click [HERE](#) for more details.

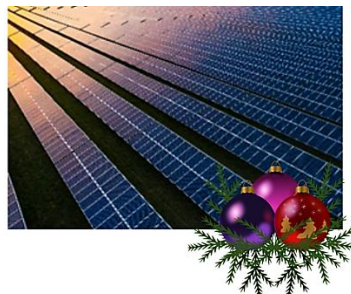


Joint study on new floating hybrid renewable energy system with Keppel Infrastructure

Keppel Infrastructure Energy Transition Centre (KETC) at Keppel Infrastructure, Solar Energy Research Institute of Singapore (SERIS) at NUS, and the [Energy Research Institute at NTU \(ERI@N\)](#), have signed a Memorandum of Understanding (MOU)

for a joint-study to access the feasibility of a new floating hybrid renewable energy system (RES) – capable of harnessing solar, wave, tides and wind to generate electricity.

Click [HERE](#) for more details.



Formation of the Asia Green Grid Network (AGGN) by Sun Cable

Sun Cable, developer of the Australia-Asia PowerLink has announced the formation of the Asia Green Grid Network (AGGN), of which the [Energy Research Institute at NTU \(ERI@N\)](#) is a founding partner. The aim of the network is to support the creation of a regional green grid which can help to cut greenhouse gas emissions and accelerate the transmission of renewable electricity across Asia.

Click [HERE](#) for more details.

OTHER EVENTS



Gardens by the Bay – Nature and Sustainability Tours

Event Date & Time: Now till 31 Dec 2022

Registration: Click [HERE](#) for more details

Interested to learn more on the importance of biodiversity and climate change? Join the guided walking tours to learn about sustainability features at Gardens by the Bay and discover the secrets to cutting down carbon emission in the Gardens. This event is supported by Keppel Corporation through the Keppel Care Foundation.



Race Against Time – Science behind a Botanic Garden Tour

Event Date & Time: 24 Dec 2022, 10:00AM-11:00AM

Registration: Click [HERE](#) for more details

Understand the scientific work behind the Singapore Botanic Garden as the tour introduces the research facilities at the Singapore Botanic Gardens such as the Library of Botany & Horticulture, Orchid & Micro-propagation laboratory and the Herbarium.



Trees of the World 2022 – Singapore Botanic Gardens

Event Date & Time: 4 Dec 2022 - 2 Jan 2023

Registration: Click [HERE](#) for more details

Come down to Singapore Botanic Gardens and celebrate the festive season with your family. The Trees of the World 2022 event will take place from 4 Dec 2022 to 2 Jan 2023 whereby around 200 trees decorated using sustainable materials will be displayed across the

Gardens. After the event, the trees will be planted in green spaces as part of the OneMillionTrees movement.



YOU CAN GO GREEN TOO!



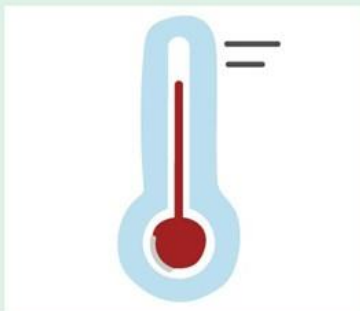
Remember to switch off the lights when not in use. Also do unplug the charger once your laptops and other electronic devices are fully charged.



Reduce the use of plastic by bringing your own reusable bags, utensils and lunch boxes. Join in the Bring Your Own (BYO) Campaign on campus!



Instead of driving, reduce carbon footprint by walking, riding a bicycle or taking public transport. Small collective actions make a big difference!



Set the temperature around 25°C which is helpful in cost savings and also staying comfortable indoors.



Leftover water from water bottles can be used to water plants on campus. Help plants grow green!



Do your part in recycling by disposing recyclables at the respective recycling bins on campus.

STAY IN TOUCH WITH US



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DEC 2022