

GAIN ACTIVITIES



Visit to NTU: Water Monitoring and Analytics

A deep-tech company visited NTU for a research exploration session on advanced monitoring solutions. Faculty members and subject experts from the Nanyang Environment & Water Research Institute ([NEWRI](#)) discussed potential collaborations in on-site and real-time water monitoring, leveraging AI-driven analytics and validation to improve industry practices and strengthen long-term environmental resilience.



Visit to NTU: Plant-Based Nutrition and Food Innovation

NTU welcomed a leading food and beverage manufacturer for a research exploration session focused on plant-based nutrition and food innovation. Faculty members from the School of Chemical and Biomedical Engineering ([CCEB](#)) and the Singapore Future Ready Food Safety Hub ([FRESH](#)) shared perspectives to explore potential opportunities in product development, including nutritional validation, health benefits, and the role of plant-based formulations in supporting long-term wellness.

Have a research collaboration in mind? Reach out to [us](#) now!

PARTNERSHIP HIGHLIGHT



NTU and Danish Universities Launch Sustainable Cooling Project

NTU, together with Aalborg University and Aarhus University, has launched the Sustainable Water-based Cooling in Megacities (SWiM) project. Supported by a US\$9.4 million grant from the Grundfos Foundation, this five-year initiative is the Foundation's largest individual research grant to date and the first to include a university outside Denmark. The project aims to develop AI-powered, water-based cooling systems that can reduce energy use in cities by up to 30%, enhancing urban liveability while cutting carbon emissions. Testbeds in Singapore will demonstrate solutions adaptable to diverse urban environments, supporting both Singapore's and Denmark's climate goals.

Click [HERE](#) for more details.



Singapore Launches Climate and Weather Research Alliance

The new Climate and Weather Research Alliance Singapore ([CAWRAS](#)), jointly established by the National Environment Agency (NEA), the Agency for Science, Technology and Research (A*STAR), NTU Singapore, and the National University of Singapore (NUS), will advance tropical climate and weather science and nurture local talent. Its first initiative, the \$25 million Weather Science Research Programme (WSRP) under RIE2025, is led by the Centre for Climate Research Singapore (CCRS) and will support ten projects to improve observations, develop next-generation models, and enhance prediction accuracy.

Click [HERE](#) for more details.

GRANT CALLS / INNOVATION CHALLENGES



UMI Grant Call – Road Safety and Traffic Management through Expanded Data Analytics and Advanced Research

Submission Deadline: 21 October 2025, 5:00 PM (SGT)

LTA has launched the Urban Mobility Innovation (UMI) Grant Call to advance Singapore's Land Transport Master Plan 2040 vision of a safer, healthier, and more inclusive commuting system. The grant supports data-driven, AI-assisted solutions to analyse road safety and traffic interactions, enabling safer infrastructure design and early safety measures. It is open to all R&D organisations in Singapore (including publicly funded institutes of higher learning, not-for-profit research institutions, public sector agencies, private companies, and company-affiliated research entities), with international collaborators welcome. Projects may run for up to three years.

Click [HERE](#) for more details.

EVENTS



Singapore International Energy Week (SIEW)

Date & Time: 27 – 31 October 2025
Registration: Click [HERE](#) for more details

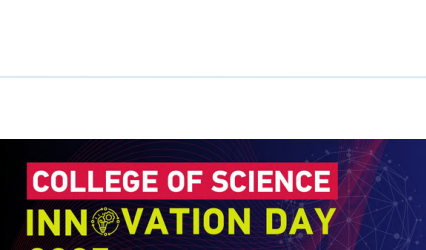
Bringing together energy professionals, policymakers, and thought leaders from around the world, the Singapore International Energy Week (SIEW) is an annual platform organised by the Energy Market Authority (EMA). As a trademarked event, it facilitates the exchange of best practices and solutions to address global energy challenges.



Singapore Week of Innovation & Technology (SWITCH)

Date & Time: 29 – 31 October 2025
Registration: Click [HERE](#) for more details

The Singapore Week of Innovation & Technology (SWITCH) is a global platform that translates scientific breakthroughs into disruptive technologies across manufacturing, urban solutions, health and biomedical sciences, and digital services. It brings together entrepreneurs, investors, researchers, and industry leaders to explore cutting-edge innovations, drive transformation, and foster deep tech collaborations.



NTU College of Science Innovation Day 2025

Date & Time: 29 October 2025
Registration: Click [HERE](#) for more details

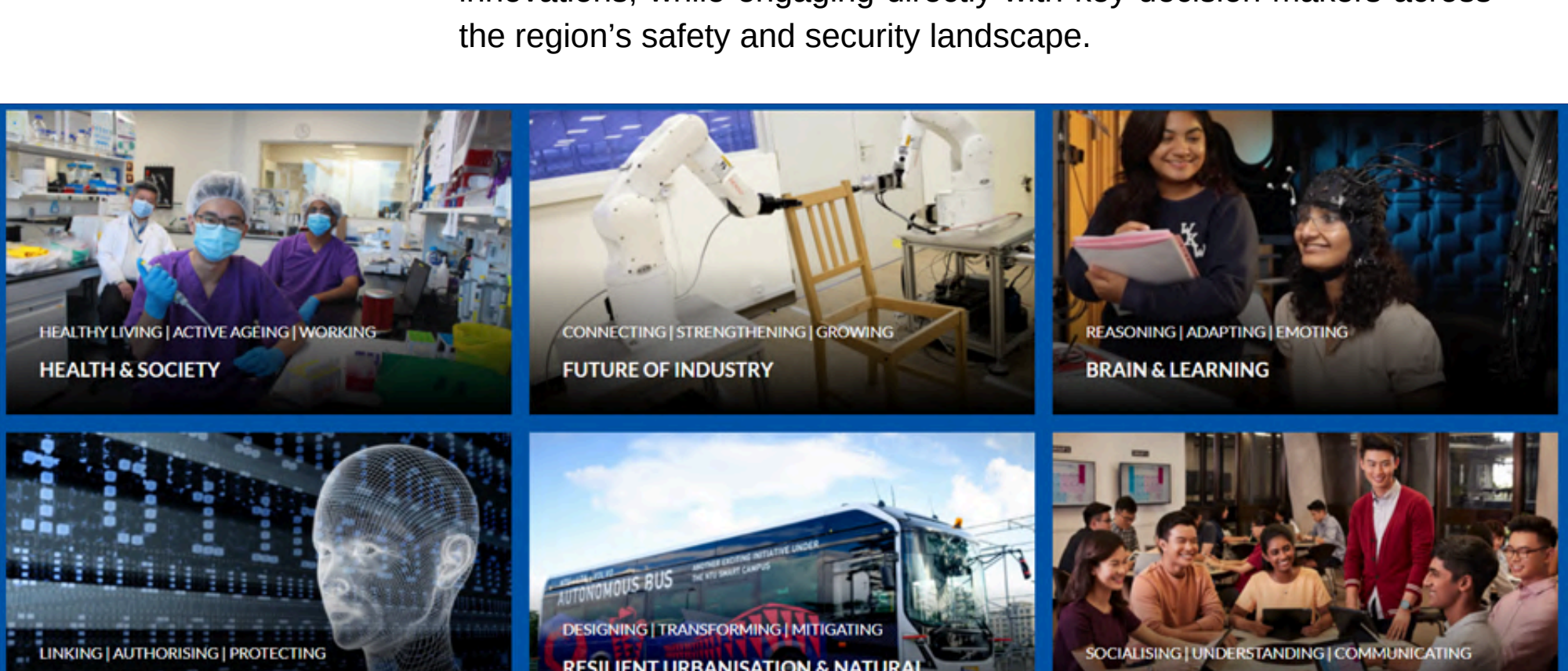
The NTU College of Science Innovation Day showcases academic breakthroughs at the forefront of innovation and entrepreneurship. The event features a fireside chat, “*From Academic Breakthroughs to Innovation & Entrepreneurship*”, bringing together distinguished panellists, academic innovators, and I&E experts. Participants will explore the drivers of academic innovation, discover pathways to entrepreneurship, and connect with peers during a networking lunch.



Safety & Security Asia

Date & Time: 11 – 13 November 2025
Registration: Click [HERE](#) for more details

Safety & Security Asia, featuring [The Security Event Asia](#), [The Fire Safety Event Asia](#), [The Health & Safety Event Asia](#), and [Pro Integration Future Asia](#), is the premier APAC platform for professionals in security, fire safety, health and safety, and workplace AV & lighting. The series brings together industry leaders to build connections, exchange knowledge, and discover the latest innovations, while engaging directly with key decision-makers across the region's safety and security landscape.



CONNECT WITH GAIN

- Reach out to [GAIN](#) for further enquiries.
- For more information about Global Alliance of Industries @ NTU, please visit our [website](#).
- Follow us on [LinkedIn](#) and stay tuned to the latest events and happenings.

