

GAIN SIGHTS

CONNECT | COLLABORATE | CO-INNOVATE

Global Alliance of Industries @ NTU

Senior Vice President Research (SVPR) Office Communication

NTU Launches Its 15-Year Manifesto for Sustainability



NTU's manifesto was announced on 11 October 2021 and will serve as a roadmap for the University's wide-ranging sustainability efforts over the next 15 years. Some targets include carbon neutrality, along with a 50 percent reduction in carbon emissions by 2035. These efforts will be coordinated and driven by a new Sustainability Office, headed by Professor Madhavi Srinivasan from the School of Materials Science and Engineering. Find out more about this initiative [HERE](#).

The NTU Sustainability Office invites companies to partner the University on this journey. Click [HERE](#) to make enquiries.

GAIN ACTIVITIES



Facility Tour of Energy Research Institute @ NTU (ERI@N)

A global trading company interested in technologies related to Sustainability, Digitalisation and Decarbonisation was brought on a facility tour of Energy Research Institute @ NTU (ERI@N) in September 2021.

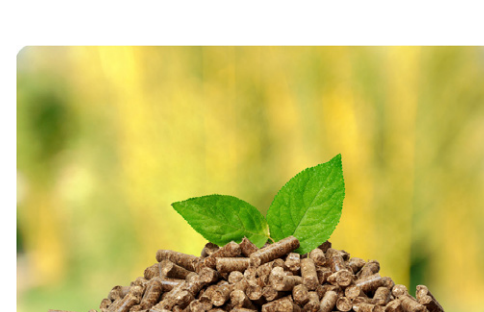
Click [HERE](#) to make enquiries on this tour.



EcoLabs Webinar: Emerging Opportunities in India's E-Mobility and Energy Storage Sector

In collaboration with Invest India, EcoLabs organised a webinar in September 2021 for companies that were interested in diversifying into the Indian market. The speakers covered a range of subjects, including emerging opportunities in India's e-mobility and energy storage sector.

View the webinar [HERE](#).

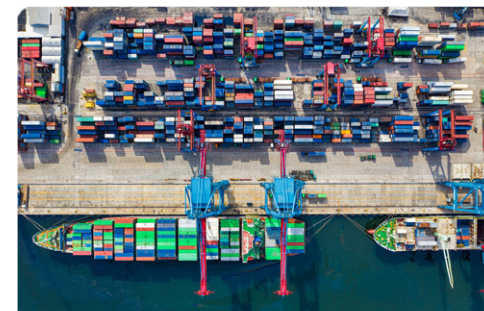


Technology Briefing on Biomass Conversion to Chemicals and Fuels

A technology briefing on biomass conversion to chemicals and fuels was conducted in September 2021 for a Netherland-based supplier of sustainable biofuels for the marine industry. Specifically, NTU's expertise in the areas of removing impurities from oil / fuels was shared.

Click [HERE](#) to make enquiries on this briefing.

GRANT CALLS / INNOVATION CHALLENGES



Enterprise SG: Trade and Connectivity Challenge 2021

Submission deadline: 30 Dec 2021

Calling all start-ups! You are invited to showcase innovative solutions in areas such as big data, data analytics, Internet of Things (IoT) and robotics & automation to address on-the-ground operational needs of the trade and connectivity sectors.

Click [HERE](#) for more details.



Jurong Island Renewable Energy: Request for Proposal

Submission deadline: 24 Jan 2022

Jointly launched by the Energy Market Authority (EMA) and Jurong Town Corporation (JTC), this call seeks to bring together parties from the industry, academia, and government agencies to develop and testbed new sustainability solutions on Jurong Island in the areas of renewable energy generation, energy storage systems and low carbon solutions.

Click [HERE](#) for more details.



Public Utilities Board (PUB): Carbon Zero Grand Challenge

Submission deadline: 24 Feb 2022

PUB seeks innovative solutions that can help the entity achieve net-zero emissions by mid-century and scale to water facilities around the globe. They are seeking carbon capture, utilization, removal, and other solutions at any technology readiness level that can be integrated with its operations and reach commercial scale within a decade or sooner.

Click [HERE](#) for more details.

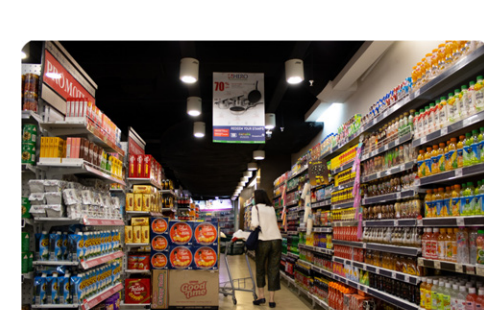
TECHNOLOGY NEEDS



Seeking Innovative Manufacturing Technologies to Improve Lithium-ion Battery Performance

An established manufacturer of consumer devices is searching for improvements in the performance of battery components for current and future products. All forms of collaboration to access battery improvements, including supplier relationships, joint development, licensing, investment, acquisition, etc. will be considered.

Click [HERE](#) for more details.



Positive Nutrition and Functional Ingredients

A local company which offers a broad range of delicious, high-quality snacks is keen to explore new ingredient technologies across different wellbeing dimensions that can contribute to the overall physical and mental health of their consumers. Ingredients that can support fortification, functionality or positive nutritional benefits are of interest.

Click [HERE](#) for more details.

OTHER EVENTS

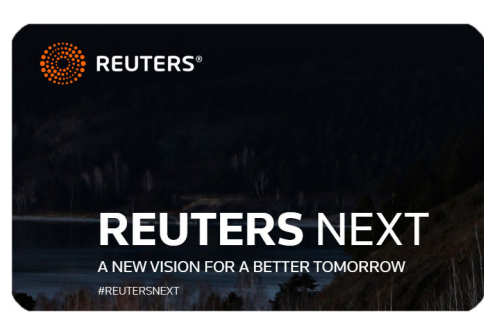


Future of Healthcare Week Asia: Building Sustainable Systems for All

Date & Time: 22 - 25 November 2021 (Hybrid)

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

The Future of Healthcare Week Asia brings together policymakers, healthcare providers, academics, and scientists to examine the Covid-19 aftermath, the vulnerabilities it has exposed, and the sustainable systems needed to combat these.



REUTERS NEXT: A New Vision for a Better Tomorrow

Date & Time: 1 - 3 Dec 2021 (Virtual)

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

Hear from a diverse group of representatives from government, industry, NGOs and more as they discuss policy for progress, the business of growth, a sustainable future, and the radical redesign the world needs for a better tomorrow.

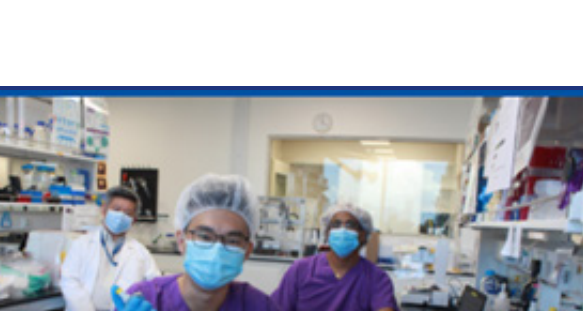


Standards Awareness and Adoption: International and National Efforts Relating to Nanotechnology - Why Do They Matter?

Date & Time: 3 Dec 2021, 2pm - 430pm (Virtual)

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

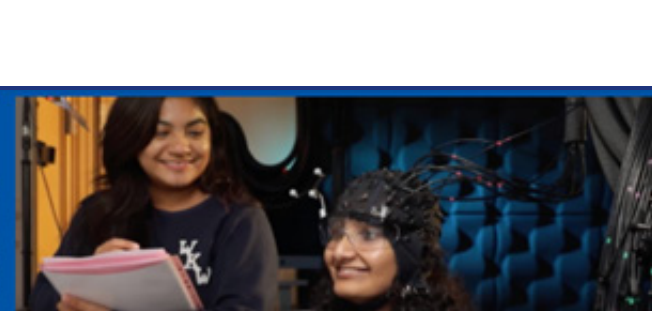
This workshop will feature a couple of ISO/TC229 Nanotechnologies standards that may be relevant to the Singapore industry. Invited speakers will also share their experiences in two areas - how standards helped them gain commercial advantage and the importance of measurement standards in commercial applications.



HEALTHY LIVING | ACTIVE AGEING | WORKING
HEALTH & SOCIETY



CONNECTING | STRENGTHENING | GROWING
FUTURE OF INDUSTRY



REASONING | ADAPTING | EMOTING
BRAIN & LEARNING



LINKING | AUTHORISING | PROTECTING
ARTIFICIAL & AUGMENTED INTELLIGENCE



DESIGNING | TRANSFORMING | MITIGATING
RESILIENT URBANISATION & NATURAL ECOSYSTEMS



SOCIALISING | UNDERSTANDING | COMMUNICATING
CULTURE, ORGANISATIONS & SOCIETY

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 at [LinkedIn](#) and stay tuned to the latest events and happenings.



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Nov 2021