



## TOWARDS SUSTAINABLE AND CLIMATE-RESILIENT CITIES

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### You are invited to CESG Catalyst 2021!

The CleanEnviro Summit Singapore (CESG) Catalyst 2021 is an exclusive by-invitation-only event for thought leaders, industry experts and senior government officials to share their vision for environmentally sustainable businesses and discuss the impact of COVID-19 on policy. Themed “**Enhancing Sustainable Development in a Pandemic World**”, CESG Catalyst 2021 will take place on 29 September 2021 at the Sands Expo and Convention Centre, Singapore.

RSVP for CESG Catalyst 2021 [here!](#)

CESG Catalyst 2021 is held in partnership with Temasek's Ecosperity Week. Themed “**From Crisis to Opportunity**”, Ecosperity Week 2021 will reinforce the global call for a ‘sustainability reset’; and businesses and investors will discuss ways to contribute to the agenda in the areas of decarbonisation and climate action, reimagining nature and resources and sustainable investing and financing. The week's programme includes panel discussions, pitch sessions, roundtable discussions, report launches and more. For the full programme and line-up of speakers, please visit [www.ecosperity.sg/ecoweek2021](http://www.ecosperity.sg/ecoweek2021).

### Programme

29 September (Wednesday)	
1.15pm SGT	<b>Welcome Speech: Rethinking Fundamentals for a More Resilient, Clean and Green Future</b>  The pandemic has surfaced opportunities with immense potential to push the global sustainability agenda forward. The welcome speech will touch on the impetus for sustainable development and climate action, with the COVID-19 global pandemic as a backdrop. It shares Singapore's experience in managing COVID-19 and lessons learnt to build resilience and preparedness. It also examines the opportunities that have arisen from the crisis, for governments and their stakeholders to incorporate environmental sustainability and good public hygiene practices in their rebuilding effort, towards a more resilient, clean and green future.
1.30pm SGT	<b>Plenary Session 1: A Strategic Blueprint for Climate-Resilient Cities</b>  This session discusses how COVID-19 has impacted policy making on climate action; and the considerations and opportunities policy makers in the Asia-Pacific region are exploring, to pivot development towards climate resilient cities.

3.00pm SGT	<b>Break</b>
3.30pm SGT	<b>Plenary Session 2: Building Resilience Against Public Health Threats</b>  What are the critical success factors to build systemic preparedness and resilience against public health threats? This session brings together policy makers, industry captains and key opinion leaders to discuss this and explore emergent solutions, business models and productive partnerships as the private, public and people sectors move towards cleaner and healthier cities.
5.00pm SGT	<b>End of Programme</b>

**RSVP for CESG Catalyst 2021 NOW!**

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In this edition, we look into the challenges in electronic and electrical waste (e-waste) management and regulatory solutions to help curb this significant waste stream. We also highlight Founding Sponsor, Dowa Eco-system Singapore's work in precious metals recovery.

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### How Singapore Manages E-waste

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A global report estimates that the world generated 44.7 million tonnes of e-waste in 2016. Singapore generates about 60,000 tonnes of e-waste each year; of which only about 5 per cent is recycled. Channelling e-waste to reputable e-waste recyclers will keep valuable materials out of the waste stream, conserving our planet's finite resources, and reduce small amounts of hazardous substance from being released into the environment if the e-waste is improperly disposed of.

As part of the National Environment Agency, Singapore's continuous efforts to safeguard the environment and public health, it introduced the Extended Producer Responsibility Scheme, an e-waste collection system, that aims to regulate the collection and handling of e-waste and the extraction of valuable resources from e-waste.

Launched in Singapore on 1 July 2021, through [a network of collection points](#), scheduled collection drives and doorstep collection services, producers bear the responsibility for the collection and proper treatment and recycling of their products when they reach end-of-life. To find out more about the Scheme, click [here](#).



A 2-in-1 bin for recycling batteries and light bulbs placed at Cold Storage Kallang Leisure Park.



A 3-in-1 bin for recycling ICT equipment, batteries and light bulbs placed at Harvey Norman Millenia Walk

Photo credit: The National Environment Agency, Singapore

Read about the challenges of e-waste management and how recyclers and consumers can help to overcome them [here](#).

Credit: The Straits Times

## About Dowa Eco-System



Dowa Eco-System Co., Ltd. provides comprehensive environmental services based on problem-solving methodology towards the reduction of environmental risk and the realisation of a recycle-oriented society.

In 2019, Dowa announced the the formation of Modern Asia Environmental Holdings (MAEH), the result of a merger of existing Dowa facilities in Singapore, Technochem Environmental Complex Pte Ltd and Dowa Eco-System Singapore Pte Ltd (ESG). ESG focuses on precious metal recovery using a hydrometallurgy process. This enables it to recover gold, silver and palladium from electronic waste, such as printed circuit boards.

MAEH sets out to contribute significantly to the creation of a zero-waste circular economy that will sustain the long-term development of Southeast Asia. MAEH has plans to bring in the proprietary ash smelting technology that Dowa implemented in Japan to produce slag from ash, which can be used for road construction.

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## Advisory Note – Scam Alert

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We would like to highlight the risk of scam emails from third-parties who claim to be affiliated to CESG, requesting you to update your data, or list data providers who claim to have access to the CESG event attendee lists. If you are contacted by a company with such claims, please do not respond. Instead, please alert the CESG team at [info@cleanenvirosummit.sg](mailto:info@cleanenvirosummit.sg) and we will investigate accordingly.

Your privacy is our priority. We take the protection of your personal data seriously, and we will never share your details without prior consent. Please view our [Privacy Policy](#) on how your personal data is handled.

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**Ms Noelle Toh**

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### Exhibitor

City Solutions Singapore Expo is an integrated expo on environment, water and cities that allows exhibitors to showcase the latest innovations. It is jointly organised with the World Cities Summit and Singapore International Water Week.

**Ms Noelle Toh**

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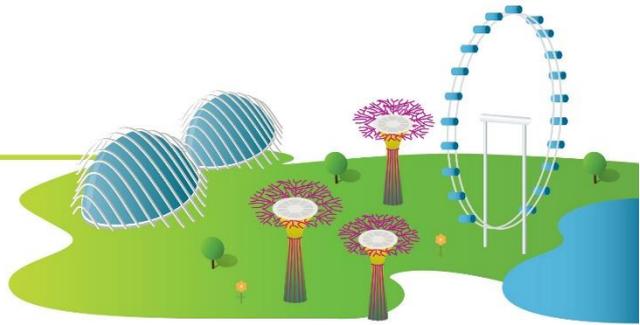
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