

CLIMATE ACTION IN SG

An e-newsletter on Singapore's sustainable development and climate action efforts

Singapore's Participation at the Virtual Leaders Summit on Climate

At the Virtual Leaders Summit on Climate, convened by US President Joe Biden, Prime Minister Lee Hsien Loong spoke on Singapore's efforts in harnessing innovation and technology to overcome constraints, and commitment to tackling climate change. Singapore submitted our Nationally Determined Contribution and Long-Term Low-Emissions Development Strategy to the UNFCCC in March 2020, and launched the Singapore Green Plan earlier this year. The Green Plan is a roadmap charting our journey towards sustainable development and net zero emissions. Singapore looks forward to working closely with the US and other countries to strengthen the momentum of global climate action in the lead up to COP-26.



Prime Minister Lee Hsien Loong at the Virtual Leaders Summit on Climate

Photo Credit: Screenshot from PM Lee's Facebook Page

Read PM Lee's statement [here](#).



Enhancing Singapore's coastal protection

Singapore's National Water Agency, PUB, is working with the National University of Singapore and Hydroinformatics Institute to develop the very first Coastal-Inland flood model for Singapore. The state-of-the-art modelling system is based on Singapore's densely built-up and urbanised environment, and comprises two independent models: (i) a coastal model that simulates potential changes in nearshore waves and storm surge activities within the region under different climate change scenarios; and (ii) an inland model that simulates urban flooding caused by different sources and their interactions with sea levels. The model will enable holistic flood risk assessments and aid the planning and evaluation of coastal protection infrastructure, better preparing Singapore for the impact of climate change.

Read an article on the model [here](#).



Reducing vehicular emissions in Singapore

Singapore's National Environment Agency (NEA) will be tightening in-use emission standards from 6 April 2023 for local motorcycles registered before 1 July 2003. These motorcycles will be required to meet the limits of 4.5% Carbon Monoxide by volume, and 7,800ppm Hydrocarbons (HC) (for 2-stroke engine) or 2,000ppm HC (for 4-stroke engine). From 1 April 2023, the NEA will also adopt the latest United Nations noise standards for vehicles and aftermarket exhaust systems. These efforts are part of Singapore's holistic approach to reducing vehicular emissions, which includes encouraging the purchase of cleaner new vehicles and turnover of older and more pollutive vehicles, and reducing pollution from in-use vehicles, so as to improve air quality and safeguard public health.

Read more on the announcement [here](#).



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