



**KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI**
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION



MINISTRY OF ENERGY AND NATURAL RESOURCES

JOINT STATEMENT

MOSTI AND KETSA COLLABORATE IN MALAYSIA'S NET ZERO CARBON PAVILION INITIATIVE FOR EXPO 2020 DUBAI

***The Malaysia Pavilion Will Be The First Buyer Of Carbon Offsets Under
KETSA's National Reducing Emissions From Deforestation And Forest
Degradation (REDD-Plus) Programme***

Malaysia's participation at Expo 2020 Dubai is poised to showcase the country's commitment to sustainable development and green innovation to the millions of visitors expected to attend the world expo that will be held from 1 October 2021 to 31 March 2022. The Ministry of Science, Technology and Innovation (MOSTI) is the lead ministry for Malaysia's participation in Expo 2020 Dubai, with Malaysian Green Technology and Climate Change Centre acting as the implementing agency.

In commemorating the World Environment Day, the Ministry of Science, Technology and Innovation Malaysia (MOSTI) and the Ministry of Energy and Natural Resources Malaysia (KETSA) are pleased to announce the utilisation of the carbon offsets generated by the country's forests to offset the emissions from Malaysia Pavilion's installation at Expo 2020 Dubai.

As the first net-zero carbon fixture at Expo 2020 Dubai, the Malaysia Pavilion will have the distinctive opportunity to link its sustainability feature to the implementation of sustainability practices under the Sustainable Forest Management (SFM) system adopted back home in the Malaysia forests.

An estimated 1,500 tonnes CO₂ eq of emissions ranging from the embodied carbon in the materials to construction, operations and decommissioning of

the Malaysia Pavilion will be offset by forest carbon offsets generated through the Sustainable forest management

In collaboration with KETSA, Malaysia Pavilion through MOSTI will purchase 4,000 tonnes of CO₂ eq worth of carbon offsets under the National Reducing Emissions from Deforestation and Forest Degradation (REDD-plus) programme.

The carbon offsets were generated from the implementation of sustainable forest management which has a prescribed timber harvesting volume. Emissions are reduced by cutting below the prescribed volume. Emissions reduction has been verified under Measurement, Reporting and Verification (MRV) of the United Nations Framework Convention on Climate Change (UNFCCC).

Sustainable management of forests is one of the five forest sector activities under the REDD-plus mechanism of the UNFCCC in addressing emissions from the sector to combat climate change. The mechanism creates a financial value for the carbon stored in forests by offering incentives for developing countries to reduce emissions from forested lands.

Malaysia has since developed its National REDD-plus Strategy in 2017 which provides the framework to reduce emissions and conserve forest sinks as well as a sustainable financing mechanism for its forestry sector.

Towards this end, as of May 2021, Malaysia has registered up to 97,470,000 tonnes of CO₂ eq emissions reductions (ER) in the Info Hub REDD+ Web Platform under the UNFCCC, since 2006. The proceeds of this transaction will be re-invested into forest conservation efforts and sustainable management of forests activities.

Using forest carbon offsets to offset emissions is one of three approaches by the Malaysia Pavilion, with the other two approaches involving tree planting activities and purchase of renewable energy certificates.

In line with the theme 'Ecosystem Restoration' for World Environment Day 2021 as well as the launch of the UN Decade of Ecosystem Restoration 2021-2030, we are proud to witness the realisation of this transaction that in essence is the testimony to the success of Malaysia's sustainable forest management implementation since the 1990s whereby economic activities

like commercial logging does not come at the expense of the ecosystem functions.

We are also proud to display our commitment to sustainability at Expo 2020 Dubai, where Malaysia is the first and only Pavilion so far to commit to net-zero carbon where our approaches may well even support a Carbon Negative Pavilion. This is in line with Malaysia's theme of "Energising Sustainability" at the expo which carries the main theme of "Connecting Minds, Creating the Future".



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PUTRAJAYA