

REVAMPED CLIMATE CHANGE EXHIBITION

Science Centre Singapore (SCS) developed its first Climate Change Exhibition in 2008. The exhibition allows students and the general public to explore the concepts of weather and climate, understand the issues surrounding climate change, and the science and technology of the study as well as the mitigation of the issue.

2 The existing exhibition will reach its 5-year lifespan by the end of this year. To continue with this public education effort, SCS has decided to revamp the exhibition together with the National Climate Change Secretariat (NCCS) and the Meteorological Service Singapore (MSS), affiliated with the National Environment Agency (NEA).

3 The new exhibition will occupy a larger space than the current one. The total built up area of the revamped exhibition will be about 700sq m, up from around 500sq m currently.

4 The revamped exhibition will aim to:

- Engage and interest youths and the general public on climate change by helping visitors understand what climate change is and how it can impact us;
- Showcase the science and technology to address climate change;
- Foster a sense of environmental stewardship and inspire visitors to take action on climate change; and
- Encourage students to consider studies and careers in related areas such as green growth and climate science.

5 The new exhibition will comprise the following five sections:

- **Climate Chaos:** This section will provide an overview of climate change around the world, specifically the global changes and impacts caused by climate change to invoke visitors' curiosity in the topic and allow them to relate those impacts back to their daily lives. It will zoom in on the impacts of climate change in Singapore.
- **Weather and Climate:** The weather and climate of Singapore and Southeast Asia will be introduced in a simulated weather monitoring and forecast office. The exhibit will highlight interesting features of the weather systems affecting Singapore and the fundamental scientific concepts behind them.
- **Climate Causes:** This section will focus on the causes of climate change, and explain what the greenhouse effect and carbon cycle is.
- **Climate Action Plan:** This section will showcase climate projections and their interpretations. It will also showcase global action to address climate change and highlight Singapore's efforts to mitigate, adapt and create opportunities

out of it. This zone will end with an area for visitors to contemplate and reflect on what climate change means to them.

- **Green Climate Challenges:** This zone will look into how individuals, groups and organisations can reduce their carbon footprint in creative and innovative ways.

6 There will be a greater focus in the exhibition on the local aspects of climate change, such as Singapore's mitigation and adaptation measures, green growth opportunities as well as our scientific and technological advances in addressing climate change, to allow visitors to relate more closely with the subject matter.

7 As part of the exhibition revamp, climate change-related outreach and enrichment programmes will also be rolled out after the exhibition is re-launched, to complement the school curriculum and provide students with hands-on and inspiring learning experiences. These could take the form of learning journeys, capacity-building workshops and enrichment talks.

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