



MEDIA RELEASE

NEW CLIMATE EXHIBITION TO PROMOTE KNOWLEDGE AND ACTION ON CLIMATE ISSUES

Interactive exhibits at SCS will show the science and effects of climate change and how we can do our part

Singapore, 14 November 2014 – A brand new climate change exhibition was unveiled by Mr Teo Chee Hean, Deputy Prime Minister at the Science Centre today. DPM Teo is also the Chairman of the Inter-Ministerial Committee on Climate Change and Patron of Science Centre. Built at a cost of S\$3 million, *Climate Change Climate Challenge* is a joint initiative between Science Centre Singapore (SCS), the Meteorological Service Singapore (MSS) and the National Climate Change Secretariat (NCCS). Visitors to the exhibition can learn, through fun and interactive exhibits, the causes of climate change, its impact on Singapore and the region, and how everyone can play a part in reducing Singapore’s carbon footprint.

This exhibition replaces the previous climate change exhibition built in 2008. Based on a new approach, visitors will be able to explore the various aspects of climate change in eight zones.

The centrepiece of the new exhibition is the Climate Machine, which allows visitors to understand how their daily actions, such as choosing to drive a car instead of using public transport, contribute to the release of greenhouse gases that warm the atmosphere and cause climate change. The exhibit will also encourage visitors to adopt climate-friendly habits such as conserving energy through the use of energy-efficient light bulbs and setting their air-conditioner to 25 degree Celsius. Visitors can also learn more about Singapore’s strategy to reduce greenhouse gas emissions across various sectors of the economy and enhance the nation’s resilience to the impact of climate change.

Associate Professor Lim Tit Meng, Chief Executive, Science Centre Singapore said: “The new exhibition showcases locally relevant information and interactive displays, allowing visitors to better comprehend the significance of sustainability and the role each one can play to help the larger cause of tackling climate change related issues that scientists all over the world are currently grappling with. We are also using this exhibition as a platform for the visitors to pledge on how they can make a difference.”



Through the exhibition, visitors can also learn that climate and weather are not issues for the distant future, but are fascinating natural phenomena that present everyday challenges in Singapore. Visitors will be able to role-play as meteorologists, using sophisticated tools to forecast the weather, and experience first-hand how the Meteorological Service Singapore works to understand complex weather systems using cutting-edge technology. Through interactive exhibits such as the Cloud Maker and Weather Balloon Games, visitors can see the fun and unique side of weather and climate.

Miss Wong Chin Ling, Director-General, Meteorological Service Singapore added: “The exhibition will allow visitors to learn more about the science behind our local weather phenomena, such as convective thunderstorms and Sumatra squalls, as well as to better understand the far-reaching causes and effects of climate change. We also hope that through this exhibition, a new generation of budding scientists will be attracted to the exciting fields of weather and climate research.”

There are also plans to organise complementary outreach and enrichment programmes to supplement the climate change curriculum in schools. These include the Young Scientist Badge Scheme and workshops where students get to conduct experiments to learn more about our changing climate.

National Climate Change Competition 2014

Winners of the National Climate Change Competition (NCCC) 2014 were also announced at an award ceremony held in conjunction with the launch of the exhibition. Organised by NCCS as part of its outreach to raise awareness and to encourage action on climate change, the competition attracted more than 240 entries from 847 participants. Featuring short three-minute videos based on the theme *#change4future*, this year’s competition also included entries from members of the public in the new Open Category. The winning videos were selected based on their creativity, originality and how well they conveyed the message of climate change.

The complete list of winners and information on the competition can be found in Annex A.

“The videos reflect the growing awareness among young Singaporeans on how climate change can affect us and what we can do as individuals to reduce our impact on the climate. We hope their videos will inspire Singaporeans to make the change for a more sustainable future by adopting a greener lifestyle”, said Mr Yuen Sai Kuan, Director of 3P Network Division, National Climate Change Secretariat.



To widen the reach of the videos, NCCS will adapt the winning entries from this year's competition for screening in local cinemas. The adapted videos will also be featured in the exhibition.

Public engagement on climate change

At the award ceremony, DPM Teo announced NCCS' plans to engage key stakeholders and members of the public in early 2015 to solicit feedback on existing and possible measures by Singapore to reduce its carbon emissions and promote green growth. This is part of Singapore's preparations for a new international agreement to reduce carbon emissions beyond 2020. NCCS will release more details of the public engagement plans in the next few months.

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About Science Centre Singapore

Science Centre Singapore is a non-formal educational institution and a leading regional Science Centre. A custodian of creativity and innovation, the Centre has captured the evolution of scientific developments through unique and relevant exhibitions and shows.

The Centre houses 14 exhibition galleries with more than 1,000 exhibits, another 30,000 sq metres of outdoor exhibition space showcasing the Waterworks exhibition, Ecogarden and Kinetic Garden as well as the Omni-Theatre — Singapore's only dome-shaped, 5-storey high IMAX theatre.

The Centre and its partners have played a pivotal role in transforming the way students and the public interact with and learn about science & technology. Together with the Omni-Theatre and Snow City, it has engaged and enriched more than 29.5 million students and visitors since 1977.

This year, the Centre launched an "I Love SCS" campaign to share our love for science with everyone and demonstrate the many things to love about the Science Centre. The Science Centre, Omni-Theatre and Snow City received 1.26 million visitors for FY2012/2013. For more information, please visit www.science.edu.sg

About National Climate Change Secretariat

The NCCS is an agency under the Prime Minister's Office which coordinates Singapore's domestic and international policies, plans and actions on climate change so as to secure a sustainable living environment for our future generations. NCCS achieves this by adopting a Whole-of-Government approach and working with the People and Private sectors to devise and implement cost-effective mitigation and adaptation solutions, reap the opportunities arising from addressing climate change challenges and contribute towards global efforts to address climate change. For more information, please visit www.nccs.gov.sg.



About Meteorological Service Singapore

The Meteorological Service Singapore (MSS), established within the National Environment Agency (NEA), is the national authority on weather and climate. MSS conducts visits to its Central Forecast Office and other facilities for schools, private corporations and governmental institutions, where visitors are able to gain insights into the process of monitoring and forecasting the weather.

In 2012, MSS launched a book entitled “The Weather and Climate of Singapore” which serves as a learning and educational resource for students and weather enthusiasts. MSS provides weather information to the public through NEA’s MyENV App and also provides lightning alerts through its Lightning Web Portal (online.weather.gov.sg/lightning) and Lightning@SG App.

MSS houses the Centre for Climate Research Singapore (CCRS), a research centre dedicated to understanding the tropical climate and weather of Singapore and the wider Southeast Asia region. CCRS utilises high-performance supercomputers to run complex weather and climate prediction models that generate possible forecasts and projections into the future given different initial scenarios. For more information, please visit <http://app2.nea.gov.sg/weather-climate/meteorological-service-singapore>

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National Climate Change Competition 2014

The National Climate Change Secretariat organises the annual National Climate Change Competition as part of its outreach efforts to raise awareness and to encourage individual action on climate change among Singaporeans. In its fourth year, this year's video competition includes an open category, in addition to the existing school categories.

2 NCCC 2014's theme, *#change4future*, highlights the message that the global climate is changing due to human activities and there is a need to act collectively to address climate change.

3 More than 240 videos were received when the competition closed on 31 July 2014.

Winning Entries

4 Prizes were awarded to the top five videos of each category:

Open Category		
Prize	Team name	Video title and URL link
1st	Team ZHIC	Every Move You Make http://bit.ly/TeamZHIC
2nd	Changemakers	1 Little Action http://bit.ly/1littleaction
3rd	GlobAlternative	Heading for Disaster http://bit.ly/globalalternative
Merit	Team Jojong	Save Electricity, Save Our Earth http://bit.ly/teamjojong
Merit	Forty8hours	Sinkapore 2020 http://bit.ly/forty8hours
Institutes of Higher Learning Category		
Prize	School	Video title and URL link
1st	Singapore Polytechnic	#EOLO: Be the Change http://bit.ly/eolothechangers
2nd	Republic Polytechnic	Bloom Saving Mother Earth http://bit.ly/bloom2cm
3rd	Republic Polytechnic	Suit Up & Save Up! http://bit.ly/suitup4
Merit	Nanyang Polytechnic	Change Your Future http://bit.ly/kimjioclub
Merit	Singapore Polytechnic	8 Impacts of Global Warming http://bit.ly/abangbros

Secondary Schools and Junior Colleges Category		
Prize	School	Video title and URL link
1st	Victoria School	The Greatest Opponent of Climate Change is You! http://bit.ly/teamvictoria
2nd	Nanyang Girls' High School	Change from Me to You http://bit.ly/changemeyou
3rd	Raffles' Girls School (Secondary)	Convenient? http://bit.ly/teamcollide
Merit	UWC South East Asia	Act Fast! Act Now! #change4future http://bit.ly/logicallygreen
Merit	Victoria Junior College	Karma http://bit.ly/studiov5
Primary Schools Category		
Prize	School	Video title and URL link
1st	Endeavour Primary School	Save Me, Save Our Future http://bit.ly/climateclimax
2nd	Punggol Green Primary School	Climate Change: All About Choices http://bit.ly/helpfulangels
3rd	Anderson Primary School	Let's Make a Difference Today http://bit.ly/teamgaia
Merit	Rulang Primary School	Make the Change http://bit.ly/rulangclimatewarriors
Merit	Fairfield Methodist School (Primary)	Triggers http://bit.ly/yellowbluegreen

5 A Viewers' Choice contest was also conducted on the NCCS' Climate Change SG Facebook page (www.facebook.com/ClimateChangeSG) where members of the public were invited to cast their votes for their favourite climate change videos. The most popular videos were:

Viewers' Choice (Schools Category)		
School	Video title / URL	No. of votes
Victoria Junior College	Karma http://bit.ly/studiov5	1,438 votes
Viewers' Choice (Open Category)		
Team name	Video title / URL	No. of votes
GlobAlternative	Heading for Disaster http://bit.ly/globalalternative	677 votes