

## ArtScience Museum at Marina Bay Sands certified LEED<sup>®</sup> Gold

*First museum in Asia Pacific to attain globally recognised sustainability achievement*



**Singapore (02 November 2018)** – Marina Bay Sands has made another breakthrough with its sustainability efforts, with ArtScience Museum securing the prestigious LEED<sup>®</sup> (Leadership in Energy and Environmental Design) Gold certification under the ‘Existing Buildings: Operations & Maintenance’ rating system. This makes the museum the first of its kind in Asia Pacific to be given this honour.

The iconic museum excelled in some of the highest environmental performance standards in the areas of water, energy and waste management, as well as sustainable purchasing, set forth by the LEED rating system.

Developed by the U.S. Green Building Council (USGBC), the rating system is an industry-leading programme that recognises excellence in design, construction and operation of green buildings. The certification process involves third-party technical reviews and verification of registered projects based on the highest and most stringent standards of quality and integrity in sustainability, across a wide range of areas such as indoor environment quality and the use of environmentally-friendly products.

“This award reflects the success of our environmentally-sound practices in design and construction, as well as operations,” said Mr Kevin Teng, Executive Director of Sustainability at Marina Bay Sands. “The fact that ArtScience Museum is the first museum in the region to get this award speaks volumes of our commitment in reducing environmental impact.”

# Press Release



“Achieving LEED certification is more than implementing sustainable practices. It represents a commitment to making the world a better place and influencing others to do better,” said Mahesh Ramanujam, President and CEO, USGBC. “Given the extraordinary importance of climate protection and the central role of the building industry in that effort, Marina Bay Sands demonstrates their leadership through their LEED certification of Gold.”

World-renowned architect Moshe Safdie created the innovative lotus-shaped ArtScience Museum, intersecting art with sustainability into the building’s overall design. Key sustainable features of the museum include natural daylight illuminating the interiors of the museum, as well as the seamless integration of a rain water harvesting system into the building.

### ***Other sustainability highlights at ArtScience Museum:***

- Energy saving initiatives such as the use of LED lights and a programmable lighting system, which enable the museum to be **47 per cent more energy efficient** than similar rated buildings
- Water efficiency achieved through the museum’s Rain Oculus feature – **nearly 1,400,000 litres of rain water is recycled each year**. The water is reused for landscaping, water feature maintenance and toilet flushing
- **More than 50 per cent** of the museum’s office and cleaning supplies are **certified sustainable**
- A rigorous waste management strategy, which resulted in **over 50 per cent of all operational waste – such as paper, cardboard and plastics – being recycled**
- Activities and events to educate and engage the museum’s staff in sustainable practices such as measuring and recycling waste



*Water collected through the Rain Oculus at ArtScience Museum is reused in other areas such as landscaping.*

# Press Release



As a museum that explores the intersection of art, science, technology and culture, ArtScience Museum is also home to permanent development *Into the Wild: An Immersive Virtual Adventure*. This virtual reality experience welcomes visitors into a lush digital world of Southeast Asian rainforests, where pangolins, tapirs, tigers inhabit, encouraging visitors to take action to help preserve natural wildlife and plants through planting of a virtual tree.

Since it began operations in 2010, Marina Bay Sands' sustainability strategy, Sands ECO360, has helped the property clinch multiple accolades. These include the prestigious 2015 UFI Sustainable Development Award by the Union of International Fairs (UFI) and the Green Mark Platinum Award by Singapore's Building and Construction Authority.

Marina Bay Sands also houses the first MICE facility in South East Asia to obtain the ISO 20121 Sustainable Events Management System certification in 2014.

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## **About Marina Bay Sands Pte Ltd**

Marina Bay Sands is the leading business, leisure and entertainment destination in Asia. It features large and flexible convention and exhibition facilities, 2,560 hotel rooms and suites, the rooftop Sands SkyPark, the best shopping mall in Asia, world-class celebrity chef restaurants, a theatre and an outdoor event plaza. Completing the line-up of attractions is ArtScience Museum at Marina Bay Sands which plays host to permanent and marquee exhibitions. For more information, please visit [www.marinabaysands.com](http://www.marinabaysands.com)

## **About ArtScience Museum**

ArtScience Museum at Marina Bay Sands is the cultural institution in Singapore that explores the intersection between art, science, technology and culture. Since opening in February 2011, the museum has staged large-scale exhibitions by some of the world's major artists, including Leonardo da Vinci, Salvador Dalí, Andy Warhol, Vincent Van Gogh, and M.C. Escher. In addition, it has presented significant exhibitions which explore aspects of science, including, in recent shows, big data, particle physics, natural history, marine biology and space exploration.

ArtScience Museum's striking lotus-inspired building, designed by Moshe Safdie, features 21 gallery spaces spanning nearly 5000m<sup>2</sup>. The museum has staged international exhibitions in partnership with renowned museums and galleries around the world, including the British Museum and Science Museum in London, the American Museum of Natural History in New York, the Ambrosiana in Milan, Mori Art Museum in Tokyo, the Australian Centre for Moving Image in Melbourne, and many others. ArtScience Museum also originates and produces exhibitions in-house, and runs a full programme of education, events, activities and learning opportunities for a wide range of audiences. ArtScience Museum is owned and operated by Marina Bay Sands.

## **Media Enquiries**

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