

Feature Story

MGM Becomes Macau's First Integrated Resort Operator to Fully Convert to Natural Gas



In 2024, MGM has achieved a new green milestone – with MGM MACAU becoming the first hotel on the Macau Peninsula to convert to natural gas. Such a changeover also makes MGM the first integrated resort operator to adopt clean and low-carbon natural gas across all its properties, achieving great strides in the green energy operation.

The MGM MACAU's changeover into natural gas is expected to result in an annual reduction of over 550 tons of carbon dioxide equivalent, which is equal to planting approximately 24,000 trees. Apart from adopting green energy, MGM will continue to explore the feasibility of utilizing other renewable energy sources like solar energy as well as fully switching to electric shuttle buses, moving towards a greener development in the long run.



In the future, MGM will keep on mapping out forward-looking sustainable strategies, that are also aligned with the Company's development blueprint, advancing the Nation's progress towards "Dual Carbon" goals.

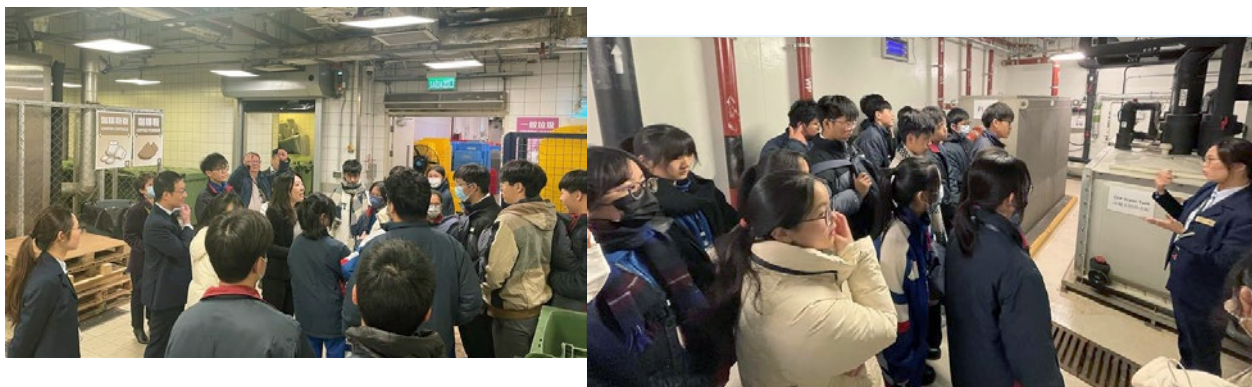


At this year's Macau International Environmental Co-operation Forum & Exhibition (2024 MIECF), the booth design by MGM cleverly integrated recycled materials and green building concepts, demonstrating a deep understanding and commitment to environmental conservation. Our collaboration with the local enterprise "ChaZence" was a highlight which enabled us to use eco-friendly panels made from tea residue to construct a 'tree'-shaped structure and lion display inspired by the mortise and tenon technique symbolizing the circular economy. While being environmentally friendly, natural shades and fragrance from tea brought a touch of orient elegance to the booth. We also reused waste materials at our booth, such as recycled tennis balls, discarded wine corks and LED light panels. In addition, the MGM's lightboxes and benches were reused in various events and exhibitions. We implemented the concept of energy conservation and emission reduction by combining waste reduction at source with environmentally friendly installations and energy-saving devices.

To further integrate the concept of green innovation into daily life, MGM invited students from multiple schools to participate in the construction of the booth and a circular economy experience workshop to allow students to personally experience the malleability of recycled materials and traditional assembly crafts.

As the Champion of Green Booth Award for the second consecutive year, MGM has demonstrated continuous innovation and outstanding achievements in promoting green conventions and exhibitions as well as environmental creativity, art, and community involvement. This recognition not only underscores MGM's leading role in the Greater Bay Area's green enterprise sector, but also affirms our commitment to continuous innovation in low-carbon practices.





MGM is committed to share its green practices and sustainable initiatives with young generation in an interactive way. Students from Macau Pui Ching Middle School were invited to participate in a tour organized by MGM and the Macao Institution of Electrical and Mechanical Engineers (AEEMM) on January 24th, to understand the building design and different internal energy-saving and low-carbon operational facilities of the large-scale integrated resort, so to obtain a deep understanding of sustainable measures implementation.

During the tour, students witnessed the high-efficiency reflective glazed roof which to utilize the natural lighting and control the solar heat absorption, as well as the artistic garden with over 70% of the area covered by skysrise and vertical greenery at the Spectacle of MGM COTAI. They also learned about the operational facilities such as grey water recycling system and food waste management, which aroused students' awareness of the energy conservation and carbon reduction, in hope to inspire young generation of the environmental protection.

Red Packets Recycling

In order to implement resource recycling green policy, MGM continues to support Macau Environmental Protection Bureau (DSPA) various initiatives. During Chinese New Year, we held Red Packets Recycling Program to promote the environmental message of “reduce the usage of new ones, reuse the used ones and don't waste”.



In the past 7 years, with active participation and strong support from Macau citizens, a total of approximately 13.69 million red packets have been collected, and after sorting, approximately 3.43 million reusable packets have been recycled. (Source: DSPA)

To slow down climate change, we need to put in more effort to reduce greenhouse gases. Electricity consumption is the world's number 1 emitter of greenhouse gases, primarily produced by the burning of fossil fuels such as oil and gas to meet our energy needs. Therefore, we upgraded some office lightings to LED sensor panels with automatic brightness adjustment function to save an estimated 372,000 kWh per year after project completion. Energy saving stickers were also updated to remind teammates to turn off the lights and maintain the air conditioning to 24 degree Celsius.



What can you do?

Switch off the lights if you are the last person to leave the office.



Unplug any devices that you do not use often. They still use electricity even when turned off.



Set your air conditioning to 23,24 degree Celsius.



隨手關燈一小步
節約能源一大步

SMALL STEP, BIG IMPACT
LIGHTS OFF, SAVE ENERGY

MGM
GO
GREEN
美高梅綠色生活



We appreciate your support in this initiative.

Let's make our workplace more energy efficient and eco-friendly.

Add a little Green to Macau



MGM is dedicated to promoting a green lifestyle and sustainability awareness. As per our annual tradition and to support the "Macau Green Week" organized by The Municipal Affairs Bureau, around 100 MGM team members have participated in the "Recovery of Forest" and "Oscar Farm Harvest Day", in order to actively involve in trees maintenance, visit the Granja Do Óscar, and gain an in-depth understanding in organic crops through its harvest.



DID YOU KNOW?

Earth Hour is a large global environmental movement organized by the World Wide Fund (WWF), which aims to raise public awareness and concern on climate change.

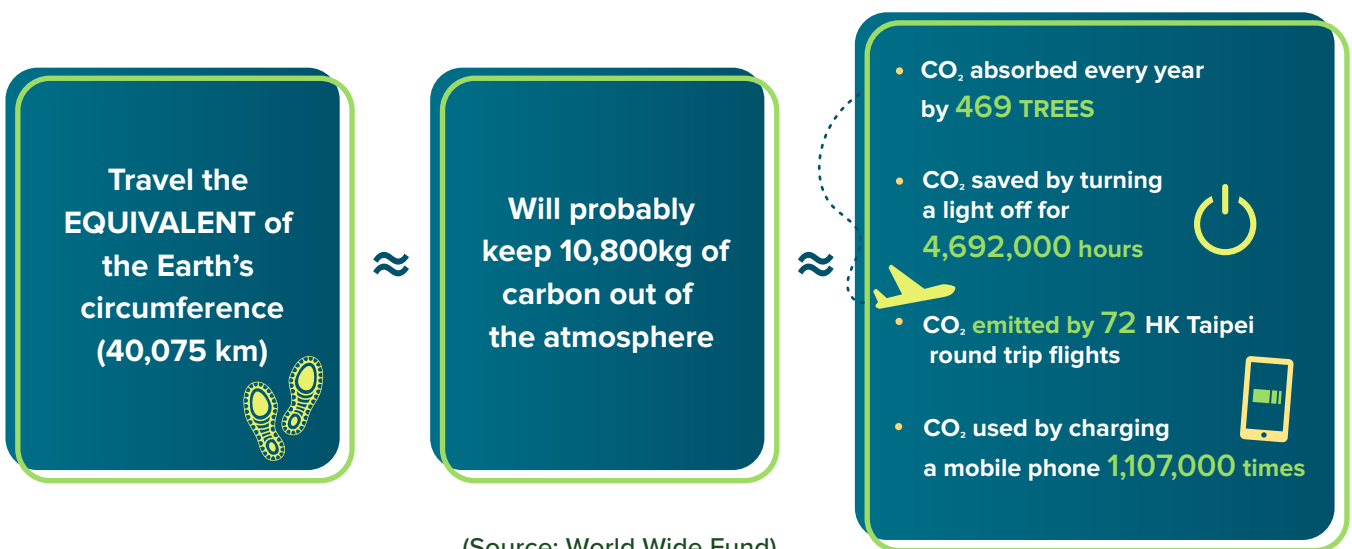
WWF advocates on the last Saturday of March every year at 20:30pm local time, individuals, communities, businesses and governments voluntarily turn off non-essential lighting and power-consuming products for one hour to show their concern for nature conservation, as well as their awareness of the climate crisis and the rapid loss of biodiversity.

The first Earth Hour was held in Sydney, Australia in 2007. The campaign not only united 2.2 million people to participate, but also aroused widespread response around the world. Even in the midst of COVID-19 pandemic in 2020, millions of people from 190 countries and territories celebrated Earth Hour digitally, breaking the record of previous years.



MGM also actively responds to WWF's call by turning off all non-essential outdoor lighting during Earth Hour on March 23rd, 2024. In addition to this annual initiative, we have also supported Macau to hold monthly Earth Hour since 2013.

Instead of driving, reduce your carbon footprint by committing to walking, running or taking transportation every day. Let's step up together for a sustainable future.



(Source: World Wide Fund)

We welcome your feedback on our sustainability performance and how we can continue to improve. Please share your comments to sustainability@mgm.mo