



**Feature Story** **Advancing Carbon Neutrality Actions: From National Flagship Events to Community and Business Implementation**

To advance carbon neutrality through measurable actions, MGM is extending its initiatives from national flagship events to community education, charitable services, and day-to-day business operations. Through carbon emissions accounting, emissions-reduction measures, and carbon credit offsetting, we continue to broaden our low-carbon impact and demonstrate our long-term commitment to green transformation.

**Environmental Action with Social Impact**  
Carbon Credits Supporting Community Services

We donated 107 tCO<sub>2</sub>e to the Macau Fu Hong Society’s “Clean Clothes Service” program, advancing environmental protection alongside public welfare. By embedding green principles



into services that support vulnerable groups, we are bringing sustainable development into more people’s everyday lives.

**Corporate Low-Carbon Actions**  
Driving Green Transformation through Carbon-Neutral Events

On the business front, we host an annual “Go Green Summer” to promote sustainable living. This year, a further step has been taken by applying for carbon-neutral certification, aiming to minimize the event’s environmental impact and advance green transformation through concrete actions.



**Supporting National Games**  
Carbon Credit Donation for Event Decarbonization

In parallel, we donated 2,000 tonnes of carbon credits (tCO<sub>2</sub>e) to the 15<sup>th</sup> National Games to help offset the event’s carbon footprint and support the Games in progressing toward its carbon-neutrality goal.



**First Carbon-Neutral Certified Event**  
Advancing Green Education and Innovation

MGM and Macao Science Center (MSC) have launched the “Sustainable Development Innovation and Green Skills Education Program”, highlighted by the “LET’S GOAL” Carnival—the first MSC event certified as carbon neutral. Using emissions accounting, reduction measures, and carbon credit offsetting, the carnival turns sustainability into an engaging experience that encourages low carbon living.



Looking ahead, we will continue aligning with the nation’s “dual-carbon” goals and the Macau’s green policies, strengthen low-carbon operations and advance more green innovation initiatives, injecting new momentum into a more sustainable society.

We are proud to share that MGM delivered strong results in two key sustainability benchmarks under the Business Sustainability Index (BSI):



Greater Bay Area  
Business  
Sustainability Index  
粵港澳大灣區企業可持續發展指數

### Greater Bay Area Business Sustainability Index (6<sup>th</sup> GBABSI)

Ranked

**4<sup>th</sup>**

overall

Highest

**“Exemplar”**

rating

This recognizes our sustainability leadership among companies listed in the Hang Seng Stock Connect Hong Kong Greater Bay Area Index.



Hotel Business  
Sustainability Index  
酒店業可持續發展指數

### Greater China Hotel Business Sustainability Index (5<sup>th</sup> Hotel BSI)

Placed in the

**Top 10**

for the 5<sup>th</sup>  
consecutive year

Highest

**“Exemplar”**

rating

This reflects our consistent ESG performance among listed hotel companies in Greater China and major international hotel chains.

In 2025's assessment cycle, BSI evaluated 376 listed companies across Australia, Hong Kong, Taiwan, Shenzhen, Shanghai, and Singapore, along with global hotel chains — underscoring the scale and rigor of the review.

These achievements reinforce our sustainability direction and our commitment to “Create a Better Tomorrow Today”.



We continue to advance our operations with strong focus on reducing environmental impact through innovation, efficiency and data-driven management, achieving significant progress in energy and emissions reduction, water recycling and smart system optimization. In October, these collective efforts earned MGM COTA the Platinum Award for Operations at 5<sup>th</sup> Asia-Pacific Intelligent Green Building Alliance Awards, making us the only concessionaire to have this highest regional distinction for intelligent green building operations.



Our ongoing dedication to sustainable building strengthens our leadership in low-carbon operations and supports long-term ecological well-being, contributing meaningful benefits for our guests, community and natural environment we all share.

**Water Recycling**

**17%** recycling rate  
**140,000m<sup>3</sup>** saved yearly

**Smart Systems**

**800+** smart meters  
**200+** IoT sensors  
**13M+** data points

**AI Comfort Control**

**410,000 kWh** saved through AI-driven HVAC

**Energy Efficiency**

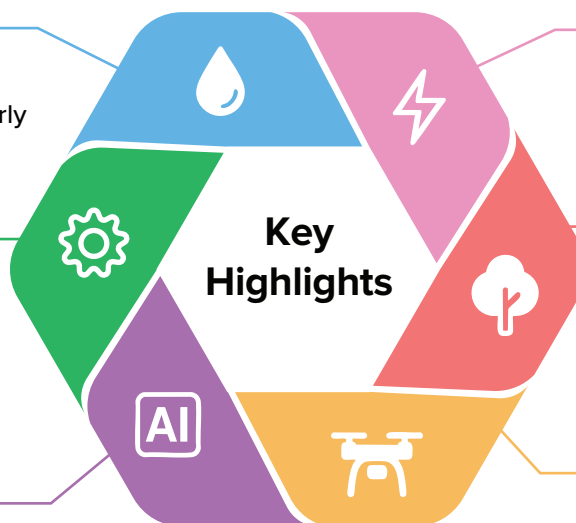
**28%** better than industry benchmark

**Carbon Reduction**

**18%↓** vs. 2019 baseline  
 = **793,000 trees** planted

**Drone Inspections**

Faster, safer façade checks,  
**MOP 600K+** annual savings





In September, MGM COTAI successfully installed a solar thermal system on the hotel rooftop. The system now steadily supports hot water operations for the Skylofts in the North Tower, helping to improve energy efficiency while reducing demand on traditional energy sources.

This accomplishment builds on the leadership of MGM MACAU, which installed and activated its own solar thermal panel in 2021. With both systems now fully operational, MGM has achieved its 2025 solar thermal system goal—an important step forward in our ongoing journey of energy conservation and carbon reduction.



Solar power is energy from the sun that is converted into thermal or electrical energy. Solar energy is the cleanest and most abundant renewable energy source available.



Through these initiatives, MGM is not only enhancing operational efficiency, but also aligning closely with Macau’s Long-Term Decarbonization Strategy, which emphasizes “energy saving and clean energy substitution”. Together, we are powering progress toward a greener, more sustainable future.

### Promote Inclusion as Part of Our Mission

Our approach to sustainability goes beyond environmental stewardship, it encompasses fostering social inclusion and equal opportunities. As part of our focus to advance the social pillar, we continue to enhance accessibility and promote inclusion across our properties. Our dining venues feature thoughtful design and support services to ensure guests with diverse needs enjoy a comfortable and dignified experience.

These efforts were recognized under the Recognition Scheme for Disability-Friendly Dining Venue organized by Social Welfare Bureau in December:



#### Square Eight at MGM MACAU

Most Favorite Disability-Friendly Dining Venue for Persons with Hearing and Speech Disabilities – Hotel Category



#### Anytime at MGM COTAI

Most Favorite Disability-Friendly Dining Venue for Persons with Physical Disabilities – Hotel Category

By integrating accessibility into our operations, MGM continues to drive social sustainability forward, shaping a more inclusive environment and contributing to a future where everyone is valued and included.



## DID YOU KNOW?

### Your digital habits can help protect the planet

Every action we take online, from sending emails to joining virtual meetings, creates an opportunity to reduce our environmental impact. With billions of emails sent every day, even small improvements in how we manage digital data can add up to meaningful carbon savings.



**58 trillion spams**

(46% of 126+ trillion emails) were sent globally in 2023

=

**1.74 million tCO<sub>2</sub>e** generated

=

**6.7 billion km** driven

Source: [Spam Statistics 2025: Survey on Junk Email, AI Scams & Phishing](#)

### Why does even a single email produce carbon emissions?



Every email triggers a chain of energy use:

- Data centers power servers that send, receive and store messages
- Networks move data across the globe
- Backups preserve it — even if you never open it

So yes! even one unread spam email has a carbon footprint.



- Compress attachments or use shared links
- Regularly clean your inbox and cloud storage
- Lower video resolution during virtual meetings
- Unsubscribe from unwanted emails



We welcome your feedback on our sustainability performance and how we can continue to improve. Please share your comments to [sustainability@mgm.mo](mailto:sustainability@mgm.mo)