



Feature Story

MGM's continual efforts in fostering sustainable development being recognized



MGM COTAI has once again achieved Gold Award in the Macao Green Hotel Award, jointly presented by Environmental Protection Bureau (DSPB) and Macau Tourism Office (MGTO), which is the third consecutive time since our opening, we were also invited to share our environmental features and achievements, reflecting our pioneering teamwork in decarbonizing our operation and making positive impacts whenever we can.

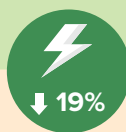
This Award was first initiated in 2007 to encourage the hospitality industry to adopt more eco-friendly practices and contribute to our nation's dual carbon reduction goal. Hotels are assessed across three key aspects - Green Leadership and Innovation, Programme and Performance and Partner Synergy.

Our key decarbonization projects in 2023 included lighting optimization projects where back-of-house offices were replaced with lighting of higher efficiency, kitchen exhaust fan optimization, replacement of high-efficiency pumps for centralized reverse osmosis system, and the usage of passive radiative cooling paint at north tower rooftop which blocks the incoming solar irradiance from the sun, reducing energy use from conventional cooling. These measures have effectively improved the performance of energy and greenhouse gas intensity.

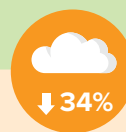
ENVIRONMENTAL PERFORMANCE IN 2023 BOTH MGM MACAU AND MGM COTAI (COMPARED TO 2019)



Water Intensity



Energy Intensity



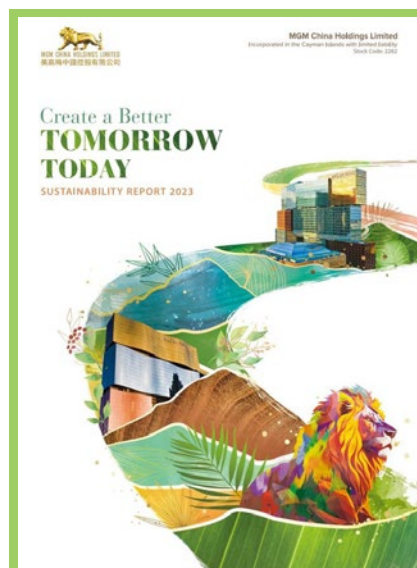
GHG Intensity

MGM is delighted to be named the winner of the 2024 MECC Award for EuroExcellence in Blue and Green Innovation in May, which showcases the organization has incorporated new philosophies and techniques to increase sustainability and follow the latest industry trends and expectations. It is a testament to MGM's unwavering commitment to sustainability and innovation across the Company's environmental, social, and governance (ESG) matters.



MGM believes that it is important to collaborate with our stakeholders to “Create a Better Tomorrow Today”. As part of our sustainability efforts, we are delighted to present the latest [MGM China Sustainability Report 2023](#). The report provides greater transparency and accountability into the breadth of our sustainability efforts and communication with stakeholders, and also highlights the Company’s sustainability strategies, performance and initiatives that are embedded across our operations.

During the reporting year, our 2030 Sustainability Goals and Targets have been updated to align more closely with evolving business development trends and overarching goals. Additionally, we conducted a climate scenario analysis based on the recommendations of the Task Force on Climate-Related Financial Disclosures to gain a comprehensive understanding of the potential climate risks that could impact our operations.



Please scan the QR code to read the Sustainability Report 2023



## WHAT'S NEW?

The Stock Exchange of Hong Kong Limited (HKEx) published the conclusions to its consultation on the enhancement of climate-related disclosures under the exchange’s environmental, social and governance (ESG) framework in April 2024. A new set of rules mandating climate-related disclosures (New Climate Requirements) will be added to the Environmental, Social and Governance Reporting Code (ESG Code) of the Rules Governing the Listing of Securities on HKEx (Listing Rules).

For more information, please refer to [HKEx website](#) to learn more about the details.

## MGM COTAL is the first to Introduce Eco-Friendly Grease Trap



MGM continuously seizes opportunities to innovate and improve our equipment and technology, fostering the adoption of low-carbon operations. Therefore, MGM COTAL has become the first large-scale integrated resort in Macau to install an efficient and eco-friendly grease trap. This advanced environmental protection technology not only increases the effectiveness of oil separation, but also successfully reduces the environmental impact by minimizing the need for pipeline maintenance and odor removal. We also arranged sharing session and site visit for the industry to share our experience on this new technology.

The newly designed grease trap is highly effective with several key features:



## Continued the tradition of donating plastic bag levies to organization

Under the auspice of DSPA, MGM donated all plastic bag levies to Macau IC2 Association in June, a non-profit organization that serves people with intellectual disabilities, to support the community in creating a healthy, caring and inclusive social environment.







“Create a Better Tomorrow Today” is not just a slogan, but a collective mindset we embrace to accelerate progress and create a more sustainable future. All in all, our mission is to make sustainability both accessible and impactful.

### MGM Go Green Club

Early this year, we have launched the MGM Go Green Club, a dedicated platform aims to create lively engagements about sustainable living and environmental sustainability. Through video messages and engaging articles, the MGM Go Green Club raises awareness on climate action and provide knowledge on critical environmental topics affecting humanity both present and future regularly. Each post focuses on everyday life topics offering actions ideas that can help reduce our carbon footprint and create a positive impact on the environment.

### Beyond Digital: The New Green Wall

To keep Team Members informed and inspired, we have redesigned the Green Wall in May, making it a hub for the latest and most actionable green living tips. Organized into four categories-clothing, eating, living, and commuting-this new structure makes it easy for Team members to adopt eco-friendly habits.





## DID YOU KNOW?

### Long-Term Decarbonization Strategy of Macao

Macao SAR published Long-Term Decarbonization Strategy of Macao on December 30, 2023, in line with China's dual carbon goals of strive to peak carbon dioxide emissions before 2030 and carbon neutrality before 2060.

#### General direction

Actively implement decarbonization measures in different sectors and phases.

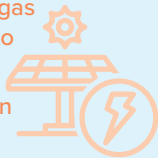
#### General objective

To peak carbon emissions before 2030, and promote the two main carbon emission sectors of electricity and land transport to achieve deep decarbonization before 2050 in precedence, achieving near-zero emissions.

#### Six major strategies

##### Construction of low-carbon energy system

- Increase the proportion of natural gas generation in local power station to eventually reach 100%
- Promote the increase in proportion of non-fossil energy in electricity purchased from other places



##### Green transformation of land transport

- Strive to achieve 100% of zero emission vehicles in new light vehicle and motorcycle registration by 2035



##### Energy conservation and clean energy substitution

- Increase the utilization rate of natural gas
- Add green building elements in new public projects



##### Reduction of waste from source, energy recovery from waste

- Implement Polluter Pays and Producer Responsibility schemes
- Construction of Organic Resources Recycling Center



##### Public practice of low-carbon living

- Guide enterprises and individuals to fulfill their obligations on energy conservation and emission reduction



##### Technological innovation and regional cooperation

- Explore the application of carbon capture and storage (CCS) technology\* in local production of electricity

\*Refer to the process of separating carbon dioxide from industrial processes, energy utilization or the atmosphere, and then transporting and injecting the captured carbon dioxide into deep geological reservoirs through engineering and technical means to achieve long-term isolation of carbon dioxide from the atmosphere.



(Source: DSPA)

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)