



Feature Story

Green, Low-Carbon National Youth Science Popularization Competition

MGM and Macao Science Center (MSC) have jointly launched a 3-year “Sustainable Development Innovation & Technology and Green Skills Education Campaign” last year. In Jan 2025, the national competition "Green, Low-Carbon National Youth Science Popularization Competition – Shaping a Green Life Together" marked a significant pilot milestone.

Students presented their innovative works, explaining the original ideas behind their designs and how they applied scientific principles to address environmental pollution caused by everyday plastic waste. The judges evaluated the entries based on five key criteria: theme relevance, innovation, practicality, design, and presentation. As part of the competition, judges conducted live negotiations to purchase the students' creations and awarded cash prizes.

MGM also organized educational visits for teachers, students and parents from various provinces to explore the POLY MGM MUSEUM and local Eco-Fun Station, where they gained insights of Macau's unique blend of Eastern and Western cultural heritage, as well as its local environmental facilities and initiatives.

MGM and MSC will continue to promote green skills education by fostering the knowledge, abilities, values, and attitudes necessary to create a sustainable, resource-efficient society. By empowering young talents, we hope to inspire meaningful contributions to the global green transition.



600 entries from **16** regions across **China**,
including **Hong Kong** and **Macau**



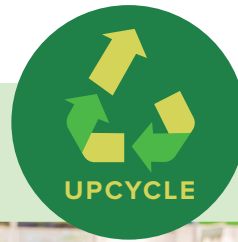
100 elite teams gathered at Macau to showcase their creations and compete for the **top ten** national honors



Kudos to the MGM Team - 3rd consecutive championship for Green Booth Award

As a steadfast supporter of the MIECF, MGM booth showcased the concept of green building, integrated green landscape elements of MGM COTAI's Spectacle with repurposed items from daily operations, including plastic bottles, wine corks, props, lion-shaped model made from tea residue, and eco-friendly LED lights, giving waste materials a second life. Our continuous ingenuity has been honored with the Champion of the "Green Booth" Award for 3 consecutive years. With outstanding works from the "National Youth Science Activity in Green & Low-Carbon Creative Competition", a three-day workshop transformed recycled plastic bottles into stylish accessories, bringing green innovation to life. It highlighted innovation and practical skills in green initiatives, while promoting green science education.

MGM also received the "Excellence Award for Integrated Leadership and Community Empowerment" in the 2025 ESG Awards for Excellence, in recognition of our outstanding achievements and contributions in the environmental, social and governance.



Sub-forum "Sustainable Development of the Hospitality Industry in the Construction of Smart City" organized by MGM and Low Carbon Green Hotel Development Alliance, explored with experts and scholars to promote Macau low-carbon practices through intelligent solutions.

HOT NEWS



MGM also formalized an "Innovative Playing Card Recycling and Upcycling Solution" partnership agreement with local tech innovator Fnetlink Technology Company Limited, becomes the first integrated resort in Macau to implement a fully localized recycling system for playing cards, further advancing Macau's journey toward a greener future! (Stay tuned for more information)

Macau's First AI-designed Bus Shelter



To enhance Macau’s urban environment and its development into smart and green city, MGM and JCDecaux (Macau) Limited have joined hands to set up Macau’s first distinctive bus shelter outside MGM COTAI, with one-of-a-kind contemporary design featuring functionality, sustainability, and smart technology while harmonizes with its surroundings.

The design of the bus shelter was generated using artificial intelligence drawing upon crafted prompts from MGM Design Team, and various testing were conducted in collaboration with JCDecaux to ensure the structural integrity and safety. The bus shelter is equipped with innovative smart features by providing comfort and convenience to bus passengers.



Smart features with digital screens

Real-time bus arrivals

Weather updates

Civil protection messages

USB charging ports



Accessibility features

Braille plate

Spacious waiting area

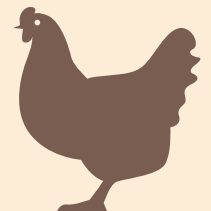
Successfully Transitioned to Cage-free Eggs as Sustainable Sourcing

This achievement is part of MGM Resorts International (MRI) Sustainable Sourcing Goals for Eggs and Chickens released in 2020. Under our “Cage-Free & Free-Range Egg and Chicken Policy”, MRI has set a goal to source 100% of eggs from cage-free sources throughout our global portfolio by 2030.

MGM is committed to the humane treatment of animals and to reducing environmental impacts in our food supply chain. Our Macau operations have achieved 100% cage-free sourcing for both shell egg and liquid egg. We will continue to lead as a responsible key player in the hospitality sector, contributing to sustainable gastronomy, and providing higher quality food for consumers.



**ACHIEVED
100% CAGE-FREE
EGGS IN F&B**



Explore the sustainable development element of “Macau 2049”

MGM has joined hands with renowned director Zhang Yimou to present the unprecedented residency show “Macau 2049” at the MGM Theater. This show features a variety of intangible cultural heritage and innovative technologies. Through different segments, it conveys the importance of marine conservation, explores the dual nature of modern technology on human interactions, showcases the harmonious coexistence of diverse species, and presents animations depicting the cycle of life. These elements not only enrich the performance but also encourage us to reflect on the sustainable development of technology and the social environment.



Showcasing Macau’s New Standards for Sustainable Luxury



MGM was invited by the Macao Government Tourism Office (MGTO) to participate in a promotional video for Macau produced by the globally renowned business magazine, FORTUNE. The video highlights how Macau’s luxury tourism is setting a higher standard of eco-friendly excellence and sustainability.

As one of the highlights of the video, MGM COTAL’s Spectacle features the world’s largest free-span gridshell glazed roof (self-supporting). This innovative design contributes to MGM’s energy management efforts, underscoring our unwavering commitment to sustainable development.



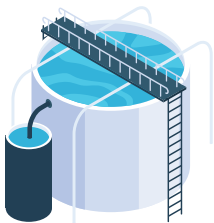


DID YOU KNOW?



3/22 World Water Day

Dedicated to raising awareness about the protection and sustainable management of water resources. It supports United Nations Sustainable Development Goal 6, which aims to ensure universal access to safe drinking water and sanitation. In 2025, the theme of World Water Day focuses on "Glacier Protection", highlighting how rapid glacial melt disrupts global water cycles and ecosystems, making glacier conservation a critical strategy in combating climate change.



Macau's Water Situation

Macau faces severe freshwater scarcity, relying on Zhuhai for over 95% of its raw water supply, sourced from the Xijiang River. Macau's three reservoirs—Grand Reservoir, Ká-Hó Reservoir, and Seac Pai Van Reservoir—primarily serve as emergency reserves for salinity regulation, with a total storage capacity equivalent to just 10 days of Macau's water demand.

Become a Water-Saving Champion

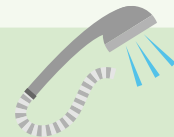
"Remember the source when drinking water" and "Cherish every drop as if facing scarcity". Join us in taking action to protect this precious water resource together, every drop saved today safeguards tomorrow!

Kitchen Tips



- Avoid letting the tap run while washing dishes, use a basin for soaking and rinsing.
- Wash fruits and vegetables in a bowl, then reuse the wastewater for plants or flushing.

Bathroom Tips



- Install water-efficient toilets, showerheads, and faucets.
- Turn off the tap while brushing teeth, washing face or shaving.
- Shorten showers time and avoid baths.
- Use water-efficient washing machine, and run it only at full capacity.



Daily Wisdom



- Fix leaky faucets and pipes immediately.
- Collect rainwater for gardening or cleaning.
- Use a bucket instead of a hose for car washes.
- Teach children to avoid water waste and value conservation.
- Analyze water bills to track and optimize household usage.

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