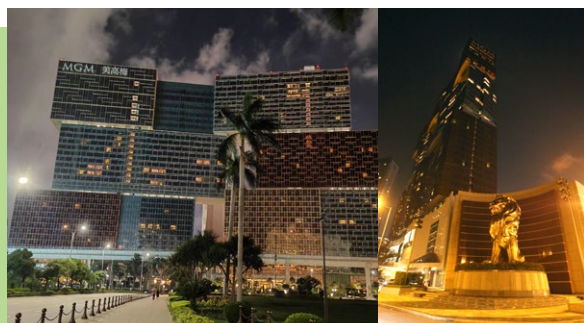


Feature Story

MGM Go Green Summer 2022



To celebrate World Environment Day and support events held by Macau Environmental Protection Bureau (DSPA), "MGM Go Green Summer 2022" was launched in June with activities planned all the way till October promoting the importance of going green and environmental protection. Team members are encouraged to start by embracing a low-carbon lifestyle in support of a sustainable future.



The activities kicked off on World Environment Day (June 5), with "Lights off an Hour" as a lead-off event. To raise team members' awareness on water conservation and curbing carbon footprint, we organized a green educational tour and Casual Wear Days. We are taking action to fight against climate change and support sustainable development.

Did you know that saving water is one of the ways to reduce energy use? The water treatment process consumes a lot of energy. A green educational tour to Coloane Wastewater Treatment Plant was organized on June 10 to share more about wastewater processing to team members. Participants learnt about where water goes after it goes down the sink and how they are transformed into discharge water by undergoing various processes in the Wastewater Treatment Plant.

The plant manager also explained about the 4 sewage treatment lines covering different processing technology to turn muddy water into clear water that fulfills discharge standards. These technologies include pretreatment, biological treatment, and disinfection. Additionally, during these processes, filtered solid waste would also need to be handled properly.





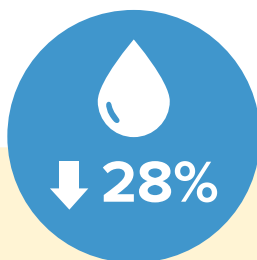
MGM COTAI has once again achieved the Gold Award in the Macao Green Hotel Award, an indication of DSPA and MGTO's recognition of our efforts and dedication towards low-carbon, waste reduction and environmental sustainability. This accolade also holds us on par with MGM MACAU, which has attained the gold award in 2019.

Creating a better planet is our sustainability approach, and we are committed to becoming a green business model in the Greater Bay Area. In order to achieve the goal, we have set a number of ambitious targets and actions, including: 13% energy savings by 2025 when compared to 2019 baseline, reaching peak carbon emission by 2030, 100% electric shuttle bus by 2023, reducing 90% bottled water consumption by 2030 when compared to 2018 baseline, and in the long-term to eliminate 100% single-use plastics, etc.

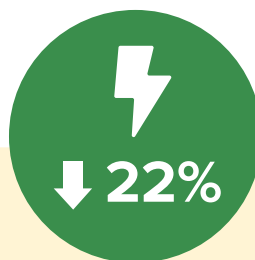
We have made a great progress in 2021, which improving the performance of both water and energy intensity due to our low-carbon operations.

ENVIRONMENTAL PERFORMANCE IN 2021

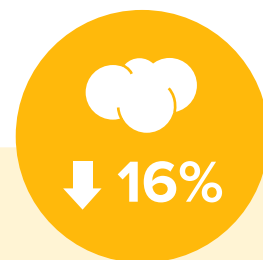
BOTH MGM MACAU AND MGM COTAI (COMPARED TO 2019)



Water
Intensity



Energy
Intensity



GHG
Intensity



The 8th edition of the Cross-Strait, Hong Kong and Macao Forum on Economic and Trade (Forum) under the theme of “New Era, New Economy, Co-building New Industrial Model”, was held in both online and offline hybrid format on May 27 at four locations on both sides of the Straits.



MGM was honored to be invited to present one of the keynote speeches at the Forum. Kenneth Feng, President, Chief Strategic & Financial Officer of MGM, shared on the topic of “Low-carbon Economy Promoting Industrial Cooperation & Development”. He stated that the Greater Bay Area is one of the most dynamic regions in Chinese Mainland, adding that MGM will continue to be a green pioneer, striving to achieve the Nation’s “Dual-carbon” goals towards high-quality economic development.

First Sustainability Day in University of Macau

This April, we were honored to be invited to participate in the first Sustainability Day by the Department of Marketing and Management of University of Macau.

The event aimed at providing students with a better understanding about sustainability development in the hotel industry. During the event, Keith Lei, Vice President of Human Resources of MGM, was invited to share about MGM sustainability practices, which included water management, energy and carbon management, environmental stewardship, green building, and waste management, allowing students to understand the challenges faced by green enterprises. Finally, we were invited to be the judge in a student competition, they presented various sustainability business practices and its implementation feasibility.



What can we do to reduce waste generation? Facilities Management team has the solution! They've incorporated craftsmanship with sustainability!!

Let's take a look how they transformed the old wooden pallets into an outdoor bench.



STEP 1



FM carpentry collects resource from recycling zone and bring them back to the FM workshop.

STEP 2



Pre-processing includes dismantling the pallet, removing nails, and classifying them according to their sizes.

STEP 4



Carpenters use nail gun and wood glue to connect pieces together.

STEP 3



Cut the timber into the right size before grinding, polishing, and making tenons and mortises for joining pieces.

STEP 5

A functional outdoor bench is completed!



Give them a big thumb up!



DID YOU KNOW?

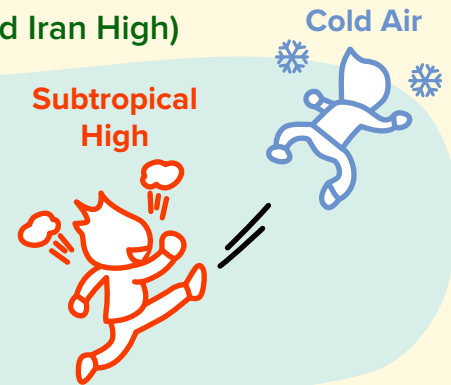
According to the Macao Meteorological and Geophysical Bureau (SMG), Macau average temperature has risen at a rate of 0.09°C per decade since 1952.



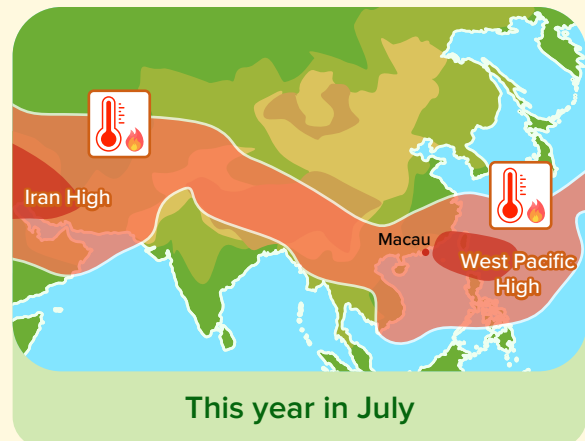
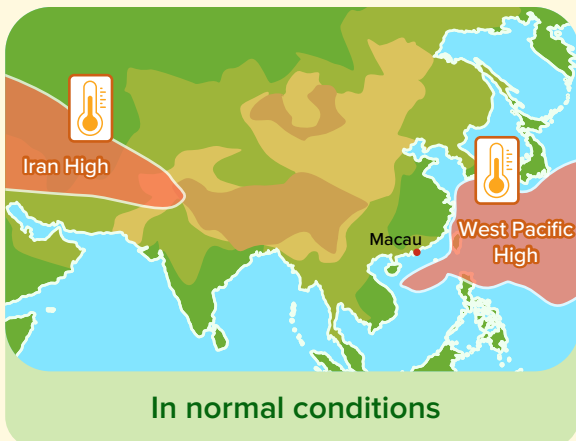
WHY IS SUMMER SO HOT?

Subtropical High (West Pacific High and Iran High)

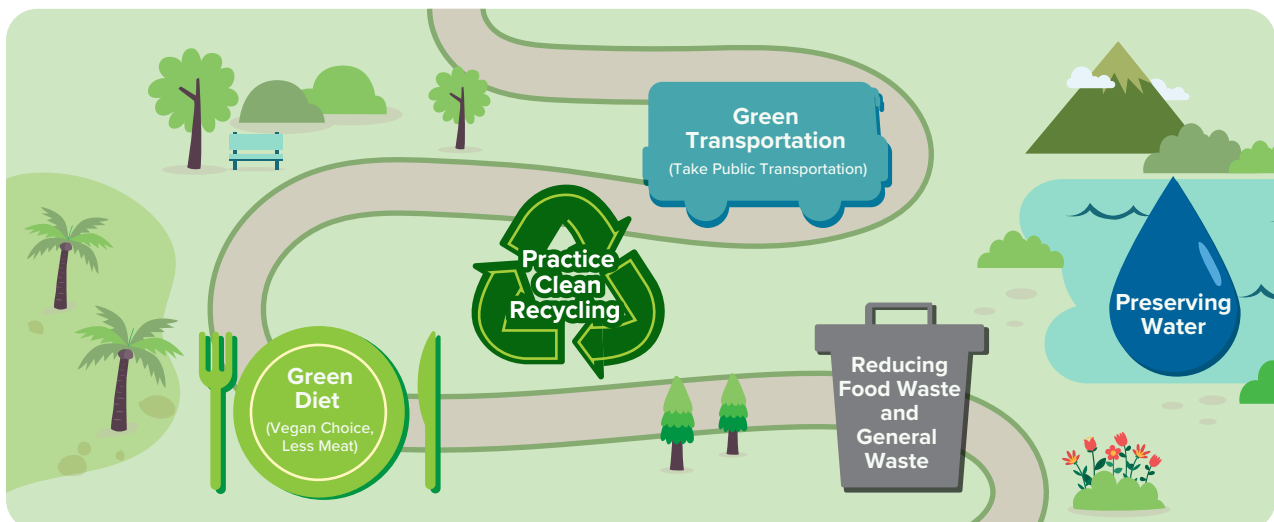
When a Subtropical High enters a region, it kicks off cold air and brings sunny weather which can cause high temperatures and drought. Due to the greenhouse effect, the long-lasting sunny days make Subtropical High more stronger. Then in this summer, the areas of the West Pacific High and Iran High continuously expanded even merged with each other in the Northern Hemisphere. Earth's surface gained and preserved more heat, producing an extreme hot summer!



Impacts of Subtropical Highs in summer



WHAT CAN WE DO TO REDUCE GREENHOUSE GASES?



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