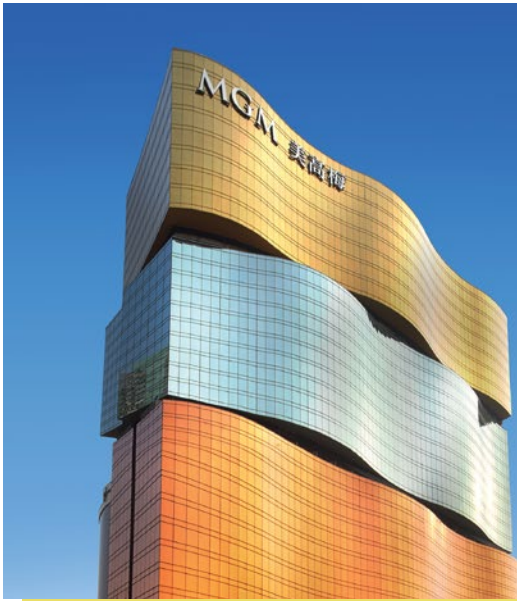


## Feature Story

## MGM Embraces Solar Energy System as New Decarbonization Effort



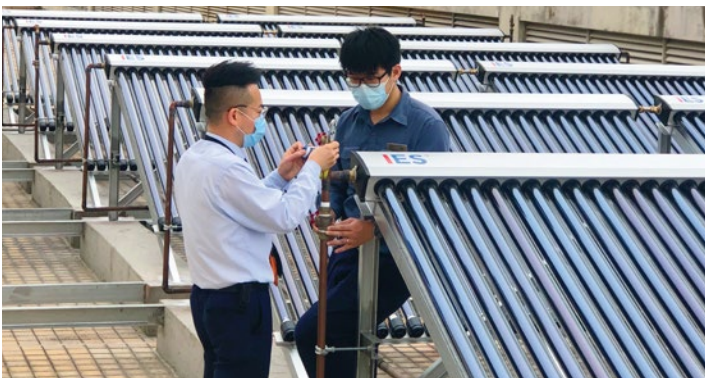
MGM takes another step forward to transition into a low carbon future. A brand-new solar heating system has been installed on the rooftop of MGM MACAU to harness solar energy for its building operation. The new system supports the water heating in the hotel kitchen and has a total capacity of 33.8kW, which can save approximately 11,800kg of liquefied petroleum gas per year.

To maximize the solar harvesting output, the installation of the panels is carefully calculated. The panels are installed at the South-East facing side of MGM MACAU's building, and the angle at which they are set up is calculated using GPS with respect to radiation duration. Furthermore, to lower heat loss rate, the proximity to the boiler and water heating system in the kitchen also contributed to the site choice.

This new initiative not only diversifies our energy mix to embrace more renewable sources, but also demonstrates MGM's support to the national climate strategy and targets. The latest 14<sup>th</sup> Five-Year Plan (FYP) outlines China's carbon reduction plan in the next five years, of which includes a target to increase share of non-fossil sources in the energy consumption to 20% from the current ~15.8%.



Emissions avoided per year = taking ~35 return flights from Hong Kong to New York City



MGM looks forward to exploring more opportunities to integrate renewable energy into our energy mix and supporting the green growth of the city's and country's economy.

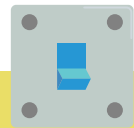
## MGM Launches Cool Summer Action to Commemorate World Environment Day



This year, MGM cordially supports the Environmental Protection Bureau (DSPA)'s series of activities for World Environment Day and launches a "Cool Summer Action for Our Planet" campaign to elaborate on the meaningful event for team members.



We kicked off the celebration with the city at the Festival of the World Environment Day of the Greater Bay Area on the first week of June. Following the Festival, a lineup of activities began at MGM including Lights Off an Hour, Casual Wear Summer, and an Energizing Tour.



MGM continued the tradition of donating proceeds from plastic bag levies to local relevant organization. This year, under the auspice of the Environmental Protection Bureau, we made a donation to Green Future, an environmental non-profit in Macau that promotes the development of a sustainable society through harmony between human and nature.



Energy conservation is at the heart of our campaign. To gain a better understanding of how and where our energy comes from, we organized a visit to the CEM (Companhia de Electricidade de Macau) electricity generator for team members. We saw the generator up close and learned about the different measures on safe and reliable electricity delivery. We also prepared a smart LED light bulb for the participating team members to help them save up energy at home. It was a truly fruitful and Energizing tour!







To encourage team members to stay cool during the summer without going heavy on the air conditioner, we started the Causal Wear Summer campaign in the office and suggested team members to dress light and set the air conditioning to optimal temperature, along with a few easy tips to cool down in the most eco-friendly way. Making this summer easy, breezy and fun!

## Briefings

## Supporting Local Social Enterprise Happy Market

MGM always believes in the philosophy of giving back to the community and recycling of resources. Recently, we donated furniture including lamps, coffee tables and computer devices to Happy Market, a local social enterprise of Fuhong Society of Macau.

We are very happy to support their mission and at the same time look after our environment by putting resources to good use again!



## MGM Welcomed Local Universities Students at MGM COTAI



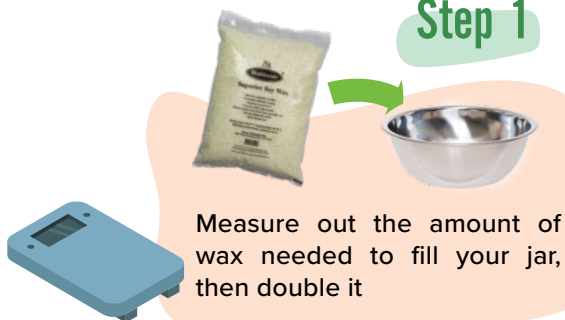
We welcomed three groups of university students from Macao Institute for Tourism Studies and Macao Polytechnic Institute at MGM COTAI for a tour of the property. The tours started with a brief introduction of the sustainability features of MGM and proceeded with a guided walk through of the art pieces and facilities highlight inside the hotel. We also offered some students an exclusive peek inside the MGM Theater, Asia's first dynamic theater. It was a great opportunity for us to share our best practices with the students and we hope everyone had a good time!

Do you have any near-empty skincare jars that are so pretty that you never want to throw them away, but don't know what to do with them at the same time? Worry no more! We have a great tip to upcycle those pretty skincare empties just for you.

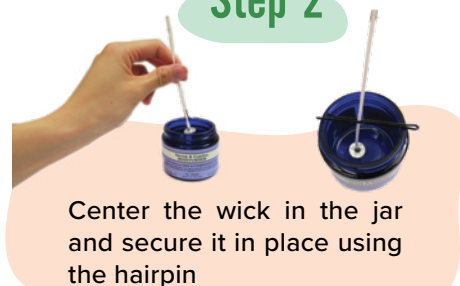
# YOUR FAVORITE SCENT IN YOUR FAVORITE JAR



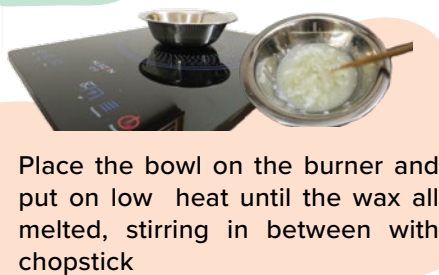
## Step 1



## Step 2



## Step 3



## Step 4



## Step 5



## Step 6





## DID YOU KNOW?

# JUNE 5 IS THE WORLD ENVIRONMENT DAY!

### How did it come about?

It was launched in 1972 during the world's first international conference on environmental issues by the United Nations to remind people of their responsibilities and power to take care of the environment



### What is the theme for 2021?

There's only ONE Earth, and our lives depend on the healthy ecosystems on Earth. So, this year, and in this decade, we must focus on reviving our damaged ecosystems to keep our Earth healthy!

## WHAT ARE THE ECOSYSTEMS IN MACAU?



Urban Parks



Mangroves



Rocky Intertidal



**22** rare and endangered plant and animal species



Key point in the East Asian - Australasian Flyway for migratory waterbirds

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)