

The inventory of greenhouse gas emissions in  
1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020 of

# Melco Resorts & Entertainment Ltd.

Verification addresses are listed on the subsequent page

has been verified in accordance with ISO 14064-3:2006 as meeting the requirements of

## ISO 14064-1:2006

From the RESPONSIBLE PARTY:

Direct GHG Emissions

**16,010.83 tonnes of CO<sub>2</sub>e**

Energy Indirect GHG Emissions

**250,972.11 tonnes of CO<sub>2</sub>e**

Total Direct & Energy Indirect GHG Emissions

**266,982.94 tonnes of CO<sub>2</sub>e**

CO<sub>2</sub> Emissions from Combustion of Biomass

**149.6 tonnes of CO<sub>2</sub>e**



Authorised by

Date: 14<sup>th</sup> April 2021



SGS Hong Kong Limited Energy and Carbon Services  
Units 303 and 305, Building 22E, Phase 3, Hong Kong Science Park, Pak Shek Kok, N.T., Hong Kong  
t +852 2334 4481 f +852 2635 9021 www.sgsgroup.com.hk

SGS has been contracted by Melco Resorts & Entertainment Ltd. (hereinafter referred to as "CLIENT"), 37/F, The Centrium, 60 Wyndham Street, Central, Hong Kong, for the Greenhouse Gas (GHG) verification in accordance with

**ISO 14064-3:2006**

as provided by Melco Resorts & Entertainment Ltd. (hereinafter referred to as "RESPONSIBLE PARTY"), 37/F, The Centrium, 60 Wyndham Street, Central, Hong Kong, in the GHG Assertion in the form of *Report on Greenhouse Gas Emissions Inventory 2020* (Version 1.0, dated March 2021) covering GHG emissions of the period 1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020.



**Roles and Responsibilities**

The management of the RESPONSIBLE PARTY was responsible for the organization's GHG information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of GHG information and the reported GHG emissions.

It was SGS's responsibility to express an independent GHG verification opinion on the GHG Assertion as provided by the RESPONSIBLE PARTY for the period 1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020.

SGS conducted a third party verification of the provided GHG Assertion in the period 16<sup>th</sup> February 2021 to 18<sup>th</sup> March 2021 against the principles and requirements of agreed criteria. The verification was based on the verification scope, objectives and criteria as agreed between the CLIENT and SGS on 22<sup>nd</sup> February 2021.

**Level of Assurance**

The level of assurance agreed was that of limited assurance.

**Scope**

This engagement covered verification of emissions from anthropogenic sources of GHGs included within the scope outlined below.

- The organizational boundary was established following operational control approach.
- Location/boundary of the activities:
  - 36-38/F., The Centrium, 60 Wyndham Street, Central, Hong Kong
  - Cyberport 1501-1506, 15/F Core F, Cyberport 3, 100 Cyberport Road, Hong Kong
  - Unit no. 305C, 3/F Shun Tak Centre (Podium), Nos. 168 - 200 Connaught Road Central, Hong Kong
  - Section 301-303, 3rd Floor, Palace Building, 1-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan

- Level 27, Tokyo Sankei Building, 1-7-2 Otemachi, Chiyoda-ku, Tokyo, Japan
- Level 7, Marunouchi 2-chome Building, 2-5-1 Marunouchi, Chiyoda-ku, Tokyo, Japan
- 3-7-1 Minato Mirai, Nishi-ku, Yokohama-shi, Kanagawa, Japan
- Okushiga Kogen Ski Resort - 12377-17 Aza Osawa, Oaza Yomase, Yamanouchi-machi, Shimotakai-gun, Nagano, Japan
- Studio City - Estr. Flor de Lotus, Cotai, Macau
- Mocha - Royal Hotel, Estrada da Vitória, nºs 2 e 4, Royal Hotel, R/C, Macau
- Mocha - Grand Dragon, Rua de Chaves, Taipa, Hotel Grand Dragon, 1/F1, RC, Macau
- Mocha – Sintra, Avenida D. João IV, Hotel Sintra, Macau
- Mocha - Macau Tower, Largo da Torre de Macau, Macau Tower RC e CV, Macau
- Mocha - Golden Dragon, Rua de Malaca, Hotel Golden Dragon, G/F, 1/F e 2/F, Macau
- Mocha - Inner Harbour, Rua Nova do Comercio no. 2-12, RC, 1-3 Andares, Macau
- Mocha - Kuong Fat, Rua de Pequim no. 174, Centro Comercial Kuong Fat, Cave A-H, Macau
- Mocha – Altira, Avenida de Kwong Tung, S/N, Hotel Altira, Macau
- Altira Macau - Avenida de Kwong Tung, Taipa, Macau
- City of Dreams Macau - Estrada do Istmo, Cotai, Macau
- Avenida da Praia Grande n.º 594, 15.º andar A, Macau
- 3A, CAM Office Building, Avenue Wai Long, Taipa, Macau
- City of Dreams Manila - Asean Avenue corner Roxas Boulevard Entertainment City Manila, Parañaque, 1701 Metro Manila, Philippines
- Units G7 & G8, G/F, Strata Gold Tower Condominium, 738 Ongpin Street, Binondo, Manila
- Hung Sheng International Center - RM A6-1, 9F, No.168, Sec 3rd, NanJing E. Rd, Chongshan District Taipei City 104 Taiwan
- Zavos Pavilion Tower, Office 101/102 & 201/202, Corner Paphou. No. 50 & Omonoias Avenue, 3052 Limassol, Cyprus
- City of Dream Mediterranean - Nicou Kavvadia, Zakaki, 3150 Limassol, Cyprus
- Limassol Casino (Satellite) - 271, Franklin Roosevelt Ave., 3046 Limassol, Cyprus
- Nicosia Casino (Satellite) - 35 Neas Engomis Street, Engomi, 2409 Nicosia, Cyprus



- Ayia Napa Casino (Satellite) - 34 Archiepiscopou Makariou III, Ayia Napa, Cyprus
- Larnaca Casino (Satellite) - Larnaca International Airport, 6650 Larnaca, Cyprus
- Paphos Casino (Satellite) - 9 Theas Aphroditis street, 8204 Paphos, Cyprus



- Physical infrastructure, activities, technologies and processes of the organization:
  - Casino entertainment gaming facilities and integrated resort operations.
- GHG sources, sinks and/or reservoirs included: GHG emissions as presented in the *Report on Greenhouse Gas Emissions Inventory 2020* (Version 1.0, dated March 2021) of the RESPONSIBLE PARTY.
- Types of GHGs included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs and SF<sub>6</sub>
- GWP adopted: IPCC Fifth Assessment Report (AR5)
- GHG information for the following period was verified: 1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020

### Objectives

The purposes of this verification exercise were, by review of objective evidence, to independently review:

- conformance with agreed verification criteria, including the principles and requirements of relevant standards or GHG programmes, if applicable, within the scope of the verification;
- whether the GHG emissions were as declared by the organization's GHG Assertion.

### Criteria

Criteria against which the verification assessment undertaken were the requirements of:

- ISO 14064-1:2006

### References

- N/A

### Materiality

The materiality required for the verification was considered by SGS to 5%, based on the needs of responsible party.

## Conclusion

The RESPONSIBLE PARTY provided the GHG Assertion based on the requirements of agreed criteria. The GHG information for the period 1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020 were verified by SGS to a reasonable level of assurance, consistent with the agreed verification scope, objectives and criteria.



SGS planned and performed works to obtain the information, explanations and evidence which SGS considered necessary to provide a reasonable level of assurance that the GHG emissions for the period 1<sup>st</sup> January 2020 to 31<sup>st</sup> December 2020 were fairly stated. The verification included review of the RESPONSIBLE PARTY's GHG information, assessment of the GHG information system and its controls, assessment of GHG data and information, assessment against verification criteria, as well as evaluation of the GHG assertion of the RESPONSIBLE PARTY through document review, interview, observation and site visit in sampling. The data and information supporting the GHG Assertion were historical and hypothetical in nature.

In SGS's opinion, there is no evidence that the presented GHG Assertion

- is not materiality correct and is not a fair representation GHG data and information, and
- has not been prepared in accordance with the agreed criteria on GHG quantification and reporting.

This Statement shall be interpreted with the GHG Assertion of *Report on Greenhouse Gas Emissions Inventory 2020* (Version 1.0, dated March 2021) of the RESPONSIBLE PARTY as a whole.

Note: The findings recorded hereon are based upon a verification performed by SGS. This Statement does not relieve Client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.