

Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Cathay Financial Holdings
and its subsidiaries
No. 296 , Sec. 4, Jen Ai Rd.
Da-An Dist.
Taipei City
10633
Taiwan

國泰金融控股股份有限公司暨子公司
臺灣
台北市
大安區
仁愛路四段
296 號

Holds Statement No: GHGEV 1693

Verification opinion statement

As a result of carrying out verification procedures in accordance with ISO 14064-3:2006, it is the opinion of BSI with reasonable assurance that:

- The Greenhouse Gas Emissions with the Cathay Financial Holdings and its subsidiaries for the period from 2019-01-01 to 2019-12-31 was verified, including the direct greenhouse gas emissions 3,438.275 tonnes of CO₂ equivalent and the indirect greenhouse gas emissions from imported energy emissions 51,414.627 tonnes of CO₂ equivalent.
- No material misstatements for the period from 2019-01-01 to 2019-12-31 Greenhouse Gas Emissions calculation were revealed.
- Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2018.
- The emission factor for electricity for the year 2019 is not published by Taiwan government so far, the emission factor used for electricity is 0.533 kilograms of Carbon Dioxide equivalent per kWh instead which may potentially result in different Greenhouse Gas Emission estimates.

The other selected indirect GHG emissions listed in the attached table on the next page were also reported and thus verified with limited assurance, and data quality was not considered unacceptable in meeting the principles as set out in ISO 14064-1: 2018.



For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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Taiwan Headquarters: 2nd Floor, No. 37, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
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The greenhouse gas emissions information reported by the organization for the period from 2019-01-01 to 2019-12-31 is as follows:

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			3,438.275
1.1	Stationary combustion		75.3234
1.2	Mobile combustion		505.5374
1.3	Industrial processes(anthropogenic systems)	Not Applicable	
1.4	Fugitive(anthropogenic systems)		2,857.4141
1.5	Land use, land use change and forestry	Not Applicable	
Direct emissions in tonnes of CO ₂ e from biomass			0
Category 2: Indirect GHG emissions from imported energy			51,414.627
2.1	Indirect emissions from imported electricity	location-based approach	51,414.6265
Renewable Electricity purchased in kWh with contractual instruments compliant with ISO 14064-1 Annex E		T-REC Number : 17SP0017-U019000001 to 17SP0017-U019000070 and 19SP0024-B019000001 to 19SP0024-B019000069 and 17SP0017-U019000071 to 17SP0017-U019000087	156,000 kWh
	Indirect emissions from imported electricity	market-based approach	51,331.4785
Category 3: Indirect GHG emissions from transportation			1,068.412
3.1	Emissions from upstream transport and distribution for goods	Raw materials transportation of life and non-life insurance service	4.8224
3.2	Emissions from Downstream transport and distribution for goods	Raw materials transportation of life and non-life insurance service	33.9442
3.5	Emissions from Business travels	High speed railway and airplane transportation	1,029.6454
Category 4: indirect GHG emissions from products used by organization			3,114.836
4.1	Emissions from Purchased goods	Upstream emissions of purchased raw materials of life insurance service, non-life insurance service, credit card issuing and tap water	2,918.1218
4.3	Emissions from the disposal of solid and liquid waste	Solid waste only	196.7137
Category 5: indirect GHG emissions associated with the use of products from the organization			1,555.739
5.1	Emissions or removals from the use stage of the product	Use stage of credit card	1,546.6936
5.3	Emissions from end of life stage of the product	End of life stage of credit card	9.0451

Location

Cathay Financial Holdings
and its subsidiaries
No. 296 , Sec. 4, Jen Ai Rd.
Da-An Dist., Taipei City, 10633, Taiwan
國泰金融控股股份有限公司暨子公司
臺灣台北市大安區仁愛路四段 296 號

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Cathay Life Insurance Co., Ltd.
No. 296, Sec. 4, Ren'ai Rd.
Da'an Dist., Taipei City, Taiwan
國泰人壽保險股份有限公司
臺灣台北市大安區仁愛路四段 296 號

Cathay United Bank Co., Ltd.
No. 7, Songren Rd.
Xinyi Dist., Taipei City 110, Taiwan
國泰世華商業銀行股份有限公司
臺灣台北市信義區松仁路 7 號

Cathay Century Insurance Co., Ltd.
1F., No.296, Sec. 4, Ren'ai Rd.
Da'an Dist., Taipei City 10633, Taiwan
國泰世紀產物保險股份有限公司
臺灣台北市大安區仁愛路四段 296 號 1 樓

Cathay Securities Corporation
19F.、20.F, No. 333 & 6F.、10F.、18F.、19F.、20F.、
21F.、22F., Sec. 2, Dunhua S. Road.
Taipei City, Taiwan
國泰綜合證券股份有限公司
臺灣台北市敦化南路二段 333 號 19 樓、20 樓暨 335 號 6
樓、10 樓、18 樓、19 樓、20 樓、21 樓、22 樓

Cathay Securities Investment Trust Co., Ltd.
6F., No.39, Sec. 2, Dunhua S. Rd.
Da'an Dist., Taipei City 106, Taiwan
國泰證券投資信託股份有限公司
臺灣台北市大安區敦化南路二段 39 號 6 樓

Cathay Futures Co., Ltd.
19F., No.333 & 10F., No.335, Sec. 2, Dunhua S. Rd.
Da'an Dist., Taipei City 106, Taiwan
國泰期貨股份有限公司
臺灣台北市大安區敦化南路二段 333 號 19 樓、335 號 10 樓

Cathay Securities Investment Consulting Co., Ltd.
6F., No. 108, Sec. 5, Xinyi Rd.
Xinyi Dist., Taipei City 11047, Taiwan
國泰證券投資顧問股份有限公司
臺灣台北市信義區信義路 5 段 108 號 6 樓

Cathay Venture Inc.
7F., No., 68, Sec. 5, Zhongxiao E. Rd.
Xinyi Dist., Taipei City, 11065, Taiwan
國泰創業投資股份有限公司
臺灣台北市信義區忠孝東路五段 68 號 7 樓

