

# Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year 2020 of  
**Taiwan Business Bank**

No.30, Tacheng St., Datong Dist.,  
Taipei City 103, Taiwan (R.O.C.)



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

## ISO 14064-1:2006

Direct emissions  
**153.3216 tonnes of CO<sub>2</sub>e**  
Energy indirect emissions  
**1,186.9880 tonnes of CO<sub>2</sub>e**  
Direct emissions and energy indirect emissions  
**1,340.310 tonnes of CO<sub>2</sub>e**

Authorized by

David Huang  
Senior Director

Date: 30 March 2021

Version 1

TGP56A-15-1 2101  
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SGS has been contracted by Taiwan Business Bank (hereinafter referred to as “Taiwan Business Bank”), No.30, Tacheng St., Datong Dist., Taipei City 103, Taiwan (R.O.C.) for the verification of direct and indirect Greenhouse Gas emissions in accordance with

**ISO 14064-3:2006**

as provided by Taiwan Business Bank (hereinafter referred to as “Taiwan Business Bank”) · No.30, Tacheng St., Datong Dist., Taipei City 103, Taiwan (R.O.C.), in the GHG Assertion in the form of GHG report covering GHG emissions of the period 01 January 2020 to 31 December 2020.

**Roles and responsibilities**

The management of Taiwan Business Bank is 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 emissions information and the reported GHG emissions.

It is SGS’s responsibility to express an independent GHG verification opinion on the GHG emissions as provided in the GHG Assertion for the period 01 January 2020 to 31 December 2020.

SGS conducted a third party verification of the provided GHG assertion against the principles of ISO 14064-1:2006, ISO 14064-3:2006 in the period 19 February 2021 to 11 March 2021. The verification was based on the verification scope, objectives and criteria as agreed between Taiwan Business Bank and SGS on 16 March 2020.

**Level of Assurance**

The level of assurance agreed is that of reasonable assurance.

**Scope**

Taiwan Business Bank has commissioned an independent verification by SGS Taiwan of reported GHG emissions of Taiwan Business Bank arising from Provision of Banking and Financial Service activities, to establish conformance with ISO 14064:2006 principles within the scope of the verification as outlined below.

This engagement covers verification of emission from anthropogenic sources of greenhouse gases included within the organization’s boundary and is based on ISO 14064-3:2006.



Statement TW21/00042GG, continued

- Title or description activities: GHG verification for Taiwan Business Bank in year 2020
- Location/boundary of the activities:
  - No.30, Tacheng St., Datong Dist., Taipei City 103, Taiwan (R.O.C.)
- Physical infrastructure, activities, technologies and processes of the organization: Provision of Banking and Financial Service
- GHG sources, sinks and/or reservoirs included: Sources as presented in the inventory spreadsheet provided by Taiwan Business Bank
- Types of GHGs included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>, NF<sub>3</sub>
- The IPCC 2007 AR4 GWP values are applied in this inventory.
- Electricity emission factor: 0.509 kgCO<sub>2</sub>e/kwh  
(Announced by Bureau of Energy, Ministry of Economic Affairs in 2020)
- Directed actions: NA
- GHG information for the following period was verified: 01 January 2020 to 31 December 2020
- The version of inventory sheet: V3, 110.3.11
- The version of GHG assertion: V3, 110.3.11
- Intended user of the verification statement: Private

**Objective**

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

- Whether the GHG emissions are as declared by the organization's GHG assertion
- The data reported are accurate, complete, consistent, transparent and free of material error or omission.

**Criteria**

Criteria against which the verification assessment is undertaken are the principles of ISO 14064-1:2006.

**Materiality**

The materiality required of the verification was considered by SGS to 5%, based on the needs of the intended user of the GHG Assertion.



## Conclusion

Taiwan Business Bank provided the GHG assertion based on the requirements of ISO14064-1:2006. The GHG information for the period 01 January 2020 to 31 December 2020 disclosing emissions of 1,340.310 metric tonnes of CO<sub>2</sub> equivalent and 0.0000 metric tonnes of direct CO<sub>2</sub> emissions from the combustion of biomass are verified by SGS to a reasonable level of assurance, consistent with the agreed verification scope, objectives and criteria.

SGS's approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these. Our examination includes assessment, on a test basis, of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions.

We planned and performed our work to obtain the information, explanations and evidence that we considered necessary to provide a reasonable level of assurance that the GHG emissions for the period 01 January 2020 to 31 December 2020 are fairly stated.

We conducted our verification with regard to the GHG assertion of Taiwan Business Bank which included assessment of GHG information system, monitoring and reporting plan/protocol. This assessment included the collection of evidence supporting the reported data, and checking whether the provisions of the protocol reference, were consistently and appropriately applied.

In SGS's opinion the presented GHG assertion

- is materially correct and is a fair representation of the GHG data and information, and
- is prepared in accordance with ISO14064-1:2006 on GHG quantification, monitoring and reporting.

## Confidentiality

The reports and attachments may contain relevantly confidential information of the clients. In addition to being submitted as governmental application or certification documents, the reports and attachments are not allowed to be edited, duplicated, or published without the clients' agreement in written form.

## Avoidance of Conflict of Interest

The reports and attachments are completely complied with the standards and procedures that related-authorities established. The reports and attachments of auditing process are conduct with fairness and honesty. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charge and punishment.



This statement shall be interpreted with the GHG assertion of Taiwan Business Bank as a whole.

**Verifier Group**

Above statements coincide with auditing process with fairness and impartiality, and aim at the emission of year 2020 of clients.

Lead Verifier:

*Chris Peng*

Note: This Statement is issued, on behalf of Client, by SGS Taiwan Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). The findings recorded hereon are based upon an audit performed by SGS. A full copy of this statement, the findings and the supporting GHG Assertion may be consulted at Taiwan Business Bank, No.30, Tacheng St., Datong Dist., Taipei City 103, Taiwan (R.O.C.), 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.