



PUBLIC DISCLOSURE STATEMENT

**CHINA CONSTRUCTION BANK
CORPORATION**

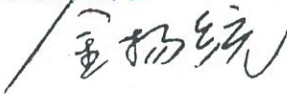
**ORGANISATION CERTIFICATION
CY2021**

Australian Government
Climate Active
Public Disclosure Statement



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	China Construction Bank Corporation
REPORTING PERIOD	Calendar year 1 January 2021 – 31 December 2021 Arrears report
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p> <p><i>Signature here</i></p> 
	<p>Name of signatory Position of signatory Date</p> <p>22/08/2022</p> <p style="text-align: right;">YANGTONG JIN General Manager</p>



Australian Government
**Department of Industry, Science,
 Energy and Resources**

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Version March 2022. To be used for FY20/21/CY2021 reporting onwards.



1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	818 tCO ₂ -e
OFFSETS BOUGHT	100% VCUs
RENEWABLE ELECTRICITY	25%
TECHNICAL ASSESSMENT	07/05/2021 Adina Cirtog Pangolin Associates Next technical assessment due: CY2023 Assessment

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2. CARBON NEUTRAL INFORMATION

Description of certification

This certification is for the Australian business operations of China Construction Bank Corporation, ABN 24 125 167 553. With CY2021 being the second year of certification. No overseas offices have been included in this certification as this certification is for CCB Australia only.

“We are committed to create a better future for the next generation.”

Organisation description

China Construction Bank Corporation (CCB), headquartered in Beijing, is a large-scale, leading commercial bank in China. Its predecessor, People’s Construction Bank of China was established in October 1954. It was listed on the Hong Kong Stock Exchange in October 2005 (stock code: 939) and the Shanghai Stock Exchange in September 2007 (stock code: 601939). At the end of 2019, it had a market cap of about US\$217,686 million, ranking fifth among all listed banks in the world. It ranks second among global banks in terms of Tier 1 capital.

The Bank upholds its “customer-centric, market-oriented” business philosophy and is committed to building a world-class banking group with top value creation capability, accomplishing the combined goals of short-term and long-term benefits, and those of business operation and social responsibility, and ultimately realizing maximum value for customers, shareholders, employees and society.

CCB Australia (ABN 24 125 167 553) was established in 2010 and has offices in Sydney, Melbourne, Brisbane and Perth. CCB Australia provides wholesale banking businesses to the Australian and Chinese clients, including Corporate & Institutional Banking, Private Banking and Trade Finance, etc. We aim to provide high quality financial service and comprehensive financial solutions to our clients. CCB also facilitates the trade, investment and financial cooperation between Australia and China.

3. EMISSIONS BOUNDARY

Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

Quantified emissions have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

Non-quantified emissions have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

Outside the emissions boundary

Excluded emissions are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<p><u>Quantified</u></p> <ul style="list-style-type: none"> Accommodation and facilities Cleaning and Chemicals Climate Active Carbon Neutral Products and Services Electricity Food ICT services and equipment Office equipment & supplies Postage, courier and freight Professional Services Refrigerants Stationary Energy (gaseous fuels) Transport (Air) Transport (Land and Sea) Waste Water Working from home 	<p><u>Non-quantified</u></p> <p>N/A</p>	<p><u>Excluded</u></p> <p>N/A</p>

Data management plan for non-quantified sources

There are no non-quantified sources in the emission boundary that require a data management plan.

4. EMISSIONS REDUCTIONS

Emissions reduction strategy

CCB aims to reduce total emissions by 30% by 2030, from its 2020 base year. CCB Australia will continue to undertake the following measures to reduce its carbon footprint, focussing on the largest emission sources:

Electricity:

In order to reduce our electricity consumption in the future, we will continue to conduct energy audits for each site, improve energy efficiency in our premises and operations, and reduce resource consumption and waste. We will also transition to 100% renewable energy to reduce the remaining emissions. We are committed to be powered by 100% renewable electricity by end of the 2025 calendar year.

Advertising:

In order to reduce emissions from advertising, CCB Australia is considering using sustainable equipment, properly targeting the ads and using Wi-Fi as opposed to mobile networks, and collaborating with green service providers in 2022.

Food & Catering:

CCB Australia is undertaking to order plant-based food, and tracking different types of food/beverages separately so emissions can be calculated more precisely. We will encourage our supplies to reduce carbon impacts in our supply chains, and support our staff to adopt positive environmental practises. We will continue to reduce the use of plastic, food waste and energy waste.

IT equipment:

CCB Australia is aiming to manage our electricity consumption and reduce the carbon footprint from PC use. Undertaking an energy audit to examine the amount of energy consumed by each type of IT equipment, identifying potential opportunities to save energy, cost and GHG emissions as well as consider to use greener equipment/devices in the future.

Emissions reduction actions

In 2021, we successfully switched the electricity of our Melbourne branch tenancy to 100% GreenPower.

In 2021, we moved our Brisbane office to a site with a certified carbon neutral base building.

5. EMISSIONS SUMMARY

Emissions over time

Emissions since base year		Total tCO ₂ -e
Base Year/Year 1:	2020	880.0
Year 2:	2021	817.4

Significant changes in emissions

Emission source name	Current year (tCO ₂ -e)	Previous year (tCO ₂ -e)	Detailed reason for change
Electricity	249.4	456.0	Transition to GreenPower, and change in methodology from Location to Market based
Food & catering	118.6	99.3	Business growth
Computer and electrical components, hardware and accessories	119.0	25.1	Business growth
Telecommunications	41.4	31.8	Business growth
Advertising services	105.9	104.3	Business growth
Parking	49.9	11.2	Business growth

Use of Climate Active carbon neutral products and services

This assessment and Climate Active submission was prepared with the assistance of [Pangolin Associates](#), whose services are carbon neutral.

Certified carbon neutral Reflex brand paper was purchased, along with two of the return flights with Virgin airlines.

The base building for the new Brisbane site is certified carbon neutral. Along with the electricity for the previous Brisbane office.

Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

Emission category	Sum of Scope 1 (tCO ₂ -e)	Sum of Scope 2 (tCO ₂ -e)	Sum of Scope 3 (tCO ₂ -e)	Sum of total emissions (tCO ₂ -e)
Electricity	0	249.41*	0	249.41
ICT services and equipment	0	0	160.39	160.39
Professional Services	0	0	155.87	155.87
Food	0	0	118.58	118.58
Transport (Land and Sea)	5.52	0	50.78	56.29
Waste	0	0	18.14	18.14
Office equipment & supplies	0	0	14.22	14.22
Working from home	0	0	13.54	13.54
Cleaning and Chemicals	0	0	11.42	11.42
Postage, courier and freight	0	0	6.87	6.87
Transport (Air)	0	0	5.68	5.68
Stationary Energy (gaseous fuels)	4.66	0	0.67	5.34
Water	0	0	1.44	1.44
Accommodation and facilities	0	0	0.25	0.25
Refrigerants	0.0003	0	0	0.0003
Climate Active Carbon Neutral Products and Services	0	0	0	0
Total	10.18	249.41	557.86	817.45

Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO ₂ -e
N/A	
Total of all uplift factors	
Total footprint to offset <i>(total net emissions from summary table + total uplifts)</i>	817.45

* The Climate Active electricity calculator aggregates scope 2 and 3 electricity emissions; the actual split for this emission source is 113.1 tCO₂-e for scope 2, and 136.3 tCO₂-e for scope 3.

6. CARBON OFFSETS

Offsets retirement approach

In arrears

1. Total number of eligible offsets banked from last year's report	0
2. Total emissions footprint to offset for this report	818
3. Total eligible offsets required for this report	818
4. Total eligible offsets purchased and retired for this report	818
5. Total eligible offsets banked to use toward next year's report	0

Co-benefits

Liucheng Biomass Power Generation Project:

The project emission sources are: CO₂ emissions by on-site fossil fuels, CO₂ emissions by on-site electricity consumption, CO₂ emissions by mulberry leaf and sugarcane leaf transportation, and CH₄ emissions by mulberry leaf and sugarcane leaf burning. The proposed project will install two 75 t/h biomass residue direct-burning boilers and two 15 MW steam turbines and generators. The total installed capacity is 30 MW, with annual operation hours of 6,000, thus the annual generated electricity is 180,000 MWh and the annual grid-connected electricity is 157,860 MWh. The electricity will be delivered to Guangxi grid, and finally delivered to South China Power Grid (SCPG). The estimated annual GHG emission reductions are 123,324 tCO₂.

Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification												
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO ₂ -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)	
Liucheng Biomass Power Generation Project in Guangxi Zhuang Autonomous Region, China	VCUs	Verra	5 July 2022	7497-401899868-401900685-VCU-034-APX-CN-1-1824-01012013-31122013-0	2013	0	818	0	0	818	100%	
Total offsets retired this report and used in this report										818		
Total offsets retired this report and banked for future reports										0		
Type of offset units		Quantity (used for this reporting period claim)					Percentage of total					
Verified Carbon Units (VCUs)		818					100%					

7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

Renewable Energy Certificate (REC) summary

The following RECs have been surrendered to reduce electricity emissions under the market-based reporting method.

1. Large-scale Generation certificates (LGCs)*	0
2. Other RECs	0

* LGCs in this table only include those surrendered voluntarily (including through PPA arrangements), and does not include those surrendered in relation to the LRET, GreenPower, and jurisdictional renewables.

Project supported by LGC purchase	Eligible units	Registry	Surrender date	Accreditation code (LGCs)	Certificate serial number	Generation year	Quantity (MWh)	Fuel source	Location
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total LGCs surrendered this report and used in this report									

APPENDIX A: ADDITIONAL INFORMATION

N/A

APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

Market Based Approach Summary

Market Based Approach	Activity Data (kWh)	Emissions (kgCO ₂ e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0
Total non-grid electricity	0	0	0
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0
GreenPower	19,934	0	6%
Jurisdictional renewables (LGCs retired)	0	0	0
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0
Large Scale Renewable Energy Target (applied to grid electricity only)	61,624	0	19%
Residual Electricity	250,827	249,410	0%
Total grid electricity	332,385	249,410	25%
Total Electricity Consumed (grid + non grid)	332,385	249,410	25%
Electricity renewables	81,558	0	
Residual Electricity	250,827	249,410	
Exported on-site generated electricity	0	0	
Emissions (kgCO ₂ e)		249,410	
Total renewables (grid and non-grid)	24.54%		
Mandatory	18.54%		
Voluntary	6.00%		
Behind the meter	0%		
Residual Electricity Emission Footprint (TCO₂e)	249		

Figures may not sum due to rounding. Renewable percentage can be above 100%

Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO2e)	Scope 3 Emissions (kgCO2e)
NSW	250,351	195,274	17,525
VIC	37,404	34,037	3,740
QLD	7,522	6,018	903
WA	37,108	24,862	371
Grid electricity (scope 2 and 3)	332,385	260,191	22,539
NSW	0	0	0
VIC	0	0	0
QLD	0	0	0
WA	0	0	0
Non-grid electricity (Behind the meter)	0	0	0
Total Electricity Consumed	332,385	260,191	22,539
Emission Footprint (TCO2e)	283		
<i>Scope 2 Emissions (TCO2e)</i>	260		
<i>Scope 3 Emissions (TCO2e)</i>	23		

Climate Active Carbon Neutral Electricity summary

Carbon Neutral electricity offset by Climate Active Product/Service	Activity Data (kWh)	Emissions (kgCO2e)
<i>Brisbane Office: AGL product for old tenancy. Base Building certified at new tenancy (123 Eagle Street).</i>	132,413	0
<i>Climate Active carbon neutral electricity is not renewable electricity. The emissions have been offset by another Climate Active member through their Product certification.</i>		

APPENDIX C: INSIDE EMISSIONS BOUNDARY

Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. These emissions are accounted for through an uplift factor. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
N/A	N/A	N/A	N/A	N/A

APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

Emission sources tested for relevance	(1) Size	(2) Influence	(3) Risk	(4) Stakeholders	(5) Outsourcing	Included in boundary?
N/A	N/A	N/A	N/A	N/A	N/A	N/A



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