

Annual Report on Bank of China's Sustainability Series Bonds

Bank of China's (hereinafter referred to as "BOC") Sustainability Series Bonds enables BOC to support projects and businesses with environmental and/or social benefits. As stated in the *Bank of China Limited Sustainability Series Bonds Management Statement* (hereinafter referred to as "the Management Statement")¹, we hereby provide Annual Report on BOC's Sustainability Series Bonds, disclosing the allocation of the bond proceeds as well as the expected environmental and social impacts of the Eligible Projects as of 31 December 2022.

Outstanding BOC Sustainability Series Bonds










as of 31 December 2022








Sustainability Series Bonds	Issue Date	Maturity (year)	Currency	Amount (million)	CNY Equivalent Amount (million)
Nov-2017 Climate Bond	2017/11/15 expired	5	USD	500	3,315
May-2018 Climate Bond	2018/5/31 expired	3	USD	500	3,196
	2018/5/31	5	USD	500	3,196
Oct-2019 Climate Bond	2019/10/9 expired	3	USD	350	2,478
	2019/10/9 expired	2	EUR	300	2,342
	2019/10/9 expired	2	CNY	2,000	2,000
Feb-2020 Social Bond	2020/2/27 expired	2	HKD	4,000	3,572
	2020/2/27 expired	2	MOP	1,000	867
Sep-2020 Blue Bond	2020/9/14 expired	2	CNY	3,000	3,000
	2020/9/14	3	USD	500	3,380
Apr-2021 Luxemburg Green Bond	2021/4/22	5	USD	500	3,243
	2021/4/22	3	EUR	500	3,920
Apr-2021 Singapore Green Bond	2021/4/22	3	USD	500	3,243
Apr-2021 Frankfurt Green Bond	2021/4/22	2	CNY	1,350	1,350
Sep-2021 Macau Biodiversity Green Bond	2021/9/23	2	CNY	1,000	1,000
	2021/9/23	2	MOP	1,000	807
Sep-2021 Sydney Green Bond	2021/9/23	3	USD	300	1,940
Feb-2022 Hungarian Green Bond	2022/2/9	2	USD	300	1,904

¹ available at <http://www.boc.cn/en/investor/ir10/>

Feb-2022 Johannesburg Green Bond	2022/2/9	3	USD	300	1,904
Feb-2022 Sydney Sustainability Bond	2022/2/28	3	USD	400	2,539
Apr-2022 Macau Green Bond	2022/4/21	3	USD	1,000	6,563
Apr-2022 Singapore Green Bond	2022/4/21	3	USD	500	3,281
Apr-2022 Luxemburg Green Bond	2022/4/21	3	EUR	500	3,464
Jun-2022 Frankfurt CGT Green Bond	2022/6/9	3	USD	500	3,355
Nov-2022 Paris Biodiversity Green Bond	2022/11/16	3	USD	400	2,851

Sustainability Series Bonds Details and Proceeds Allocation

Sustainability Series Bonds	Alignment with
<p>May 2018 Climate Bond was certified by CBI and issued in the offshore market through London Branch in May 2018. The total amount equated to CNY 6,392 million, and net proceeds equated to CNY 6,386.79 million. As of 31 December 2022, CNY 3,196 million was expired, and the unexpired net proceeds equated to CNY 3,193.39 million, all of these net proceeds have been utilized to fund 1 electrified metro project and 2 wind power generation projects.</p>	 The Green Bond Principles  Climate Bond Certified
<p>September 2020 Blue Bond was issued in the offshore market through Macau Branch and Paris Branch in September 2020. The total amount equated to CNY 6,380 million, and the net proceeds equated to CNY 6,364.21 million. As of 31 December 2022, CNY 2,994.80 million was expired, and the unexpired net proceeds equated to CNY 3,369.41 million, all of these net proceeds have been utilized to fund 6 offshore wind power projects and 3 wastewater treatment projects.</p>	 The Green Bond Principles
<p>April 2021 Luxemburg Green Bond was issued in the offshore market through Luxemburg Branch in April 2021. The total amount equated to CNY 7,163 million, and the net proceeds equated to CNY 7,146.12 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 1 offshore wind power project, 5 wind power projects and 3 electrified metro projects.</p>	 The Green Bond Principles
<p>April 2021 Singapore Green Bond was issued in the offshore market through Singapore Branch in April 2021. The total amount equated to CNY 3,243 million, and the net proceeds equated to CNY 3,237.85 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 1 Sustainable water management project, 2 electrified metro projects and 1 green building project.</p>	 The Green Bond Principles
<p>April 2021 Frankfurt Green Bond was issued in the offshore market through Frankfurt Branch in April 2021. The total amount equated to CNY 1,350 million, and the net proceeds equated to CNY 1,348.92 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 2 electrified metro projects.</p>	 The Green Bond Principles
<p>September 2021 Macau Biodiversity Green Bond was issued in the offshore market through Macau Branch in September 2021. The total amount equated to CNY 1,807 million, and the net proceeds equated to CNY 1,799.80 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 3 terrestrial and aquatic biodiversity conservation projects and 1 environmentally sustainable management of living natural resources and land use project.</p>	 The Green Bond Principles
<p>September 2021 Sydney Green Bond was issued in the offshore market through Sydney Branch in September 2021. The total amount equated to CNY1,940 million, and the net proceeds equated to CNY 1,934.99 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 3 wind power projects, 1 photovoltaic power project and 1 green building project.</p>	 The Green Bond Principles
<p>February 2022 Hungarian Green Bond was issued in the offshore market through Hungarian Branch in February 2022. The total amount equated to CNY 1,904 million, and the net proceeds equated to CNY 1,901.05 million. As of 31 December 2022, all</p>	 The Green Bond Principles

of these net proceeds have been utilized to fund 1 photovoltaic power project, 1 electrified metro project and 1 wastewater treatment project.	
February 2022 Johannesburg Green Bond was issued in the offshore market through Johannesburg Branch in February 2022. The total amount equated to CNY 1,904 million, and the net proceeds equated to CNY 1,899.65 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 1 wind power project and 1 electrified metro project.	
February 2022 Sydney Sustainability Bond was issued in the offshore market through Sydney Branch in February 2022. The total amount equated to CNY 2,539 million, and the net proceeds equated to CNY 2,535.82 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 1 wind power project, 2 access to essential service projects and 3 green building projects.	
April 2022 Macau Green Bond was issued in the offshore market through Macau Branch in April 2022. The total amount equated to CNY 6,563 million, and the net proceeds equated to CNY 6,552.30 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 3 wind power projects and 2 electrified metro projects.	
April 2022 Singapore Green Bond was issued in the offshore market through Singapore Branch in April 2022. The total amount equated to CNY 3,281 million, and the net proceeds equated to CNY 3,275.62 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 1 electrified metro project and 4 green building projects.	
April 2022 Luxemburg Green Bond was issued in the offshore market through Luxemburg Branch in April 2022. The total amount equated to CNY 3,464 million, and the net proceeds equated to CNY 3,448.92 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 2 wind power projects, 2 electrified metro projects and 2 pollution prevention and control projects.	
June 2022 Frankfurt CGT Green Bond was issued in the offshore market through Frankfurt Branch in June 2022. The total amount equated to CNY 3,355 million, and the net proceeds equated to CNY 3,347.94 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 4 wind power projects and 2 Pumped storage projects.	
November 2022 Paris Biodiversity Green Bond was issued in the offshore market through Paris Branch in November 2022. The total amount equated to CNY 2,851 million, and the net proceeds equated to CNY 2,845.72 million. As of 31 December 2022, all of these net proceeds have been utilized to fund 3 terrestrial and aquatic biodiversity conservation projects and 1 environmentally sustainable management of living natural resources and land use project.	

Section breakdown of BOC Sustainability Series Portfolio

● For Green Bonds

As of 31 December 2022, the proceeds of BOC Green Bonds have been allocated to clean transportation, renewable energy, pollution prevention and control, sustainable water and wastewater management and green building sectors. And electrified metro projects take up 65.61%, which is the largest part of the portfolio.



65.61%

Clean Transportation

Electrified metro projects



18.85%

Renewable Energy

Wind & photovoltaic energy projects



10.08%

Green Building

Green building projects



4.03%

Pollution Prevention and Control

Waste management projects



1.43%

Sustainable Water and Wastewater Management

● For Climate Bonds

As of 31 December 2022, the proceeds of BOC Climate Bonds have been allocated to clean transportation and renewable energy sectors. And electrified metro projects take up 59.18%, which is the largest part of the portfolio.



59.18%

Clean Transportation

Electrified metro projects



40.82%

Renewable Energy

Wind power projects

● For Blue Bonds

As of 31 December 2022, the proceeds of BOC Blue Bonds have been allocated to renewable energy and sustainable water and wastewater management sectors. And renewable energy projects take up 88.30%, which is the largest part of the portfolio.



88.30%

Renewable Energy

Wind power projects



11.70%

Sustainable Water and Wastewater Management

Wastewater treatment projects

● For Biodiversity Green Bonds

As of 31 December 2022, the proceeds of BOC Biodiversity Green Bonds have been allocated to terrestrial and aquatic biodiversity and environmentally sustainable management of living natural resources and land use sectors. And terrestrial and aquatic biodiversity projects take up 82.56%, which is the largest part of the portfolio.



82.56%

Terrestrial and Aquatic Biodiversity
Conservation



17.44%

Environmentally Sustainable Management
of Living Natural Resources and Land Use

● **For Sustainability Bonds**

As of 31 December 2022, the proceeds of BOC Sustainability Bonds have been allocated to renewable energy, green building and access to essential service sectors. And green building projects take up 55.91%, which is the largest part of the portfolio.



55.91%

Green Building
Green building projects



26.28%

Access to essential service
Health care/Education



17.81%

Renewable Energy
Wind Power projects

● **For CGT Green Bonds**

As of 31 December 2022, the proceeds of BOC CGT Green Bonds have been allocated to renewable energy and energy efficiency sectors. And renewable energy projects take up 68.29%, which is the largest part of the portfolio.



68.29%

Renewable Energy
Wind power projects



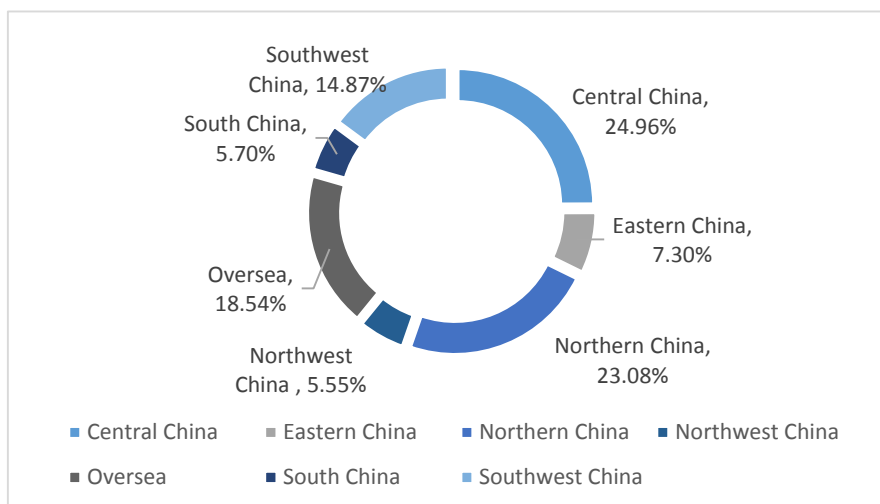
31.71%

Energy Efficiency
Pumped storage projects

Geographical breakdown of BOC Sustainability Series Portfolio

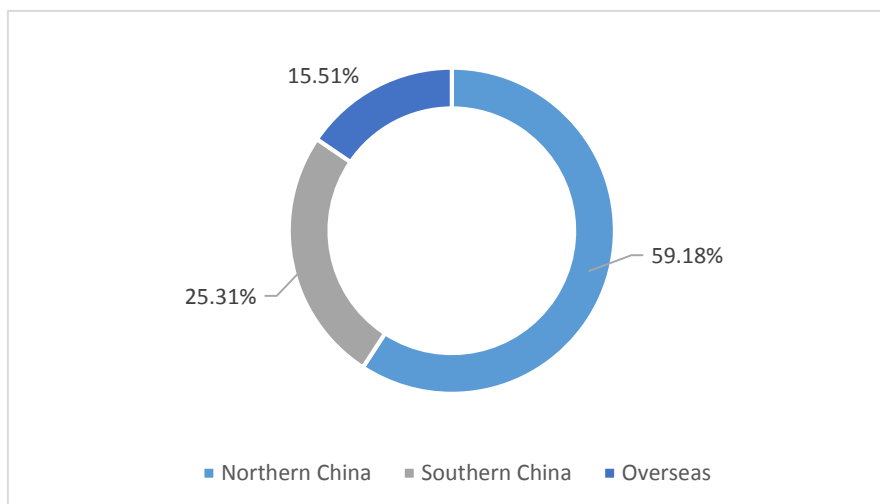
● For Green Bonds

81.46% of the net proceeds from BOC Green Bonds have been allocated to the projects in mainland China, with the remaining proceeds allocated to 16 projects in overseas area.



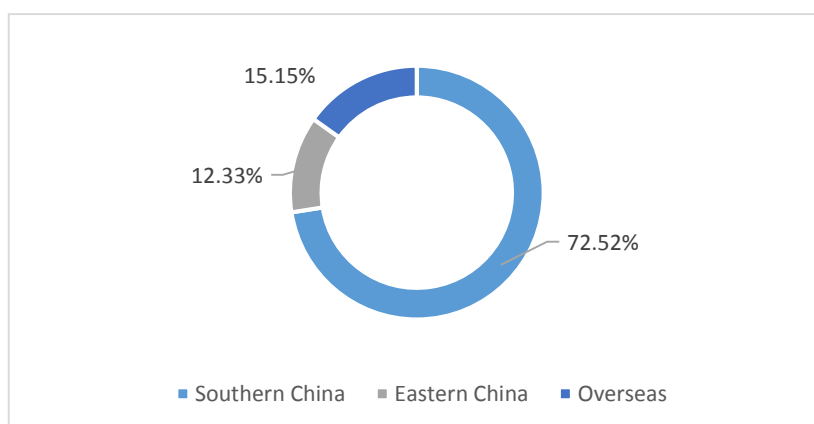
● For Climate Bonds

84.49% of the net proceeds from BOC Climate Bonds have been allocated to the projects in mainland China, with the remaining proceeds allocated to 1 project in Netherlands.



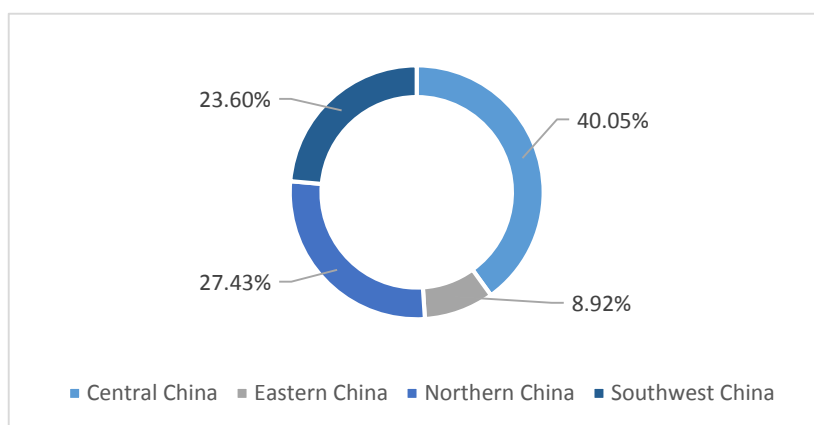
● For Blue Bonds

84.85% of the net proceeds from BOC Blue Bonds have been allocated to the projects in mainland China, with the remaining proceeds allocated to 1 project in United Kingdom and 1 project in France.



● **For Biodiversity Green Bonds**

All net proceeds from BOC Biodiversity Green Bonds have been allocated to the projects in mainland China.

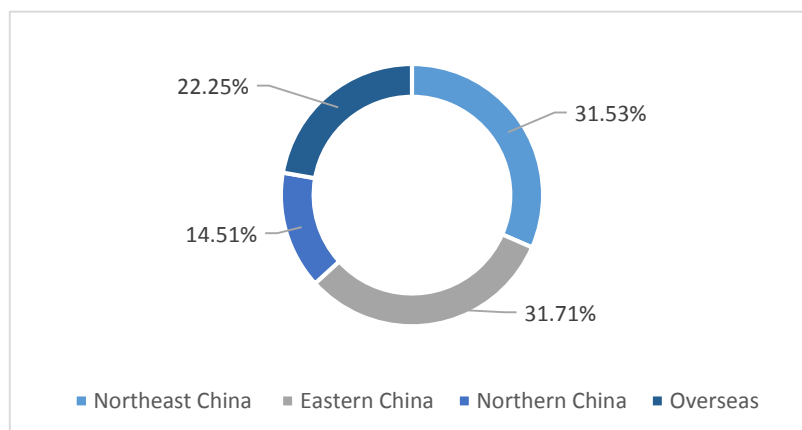


● **For Sustainability Bonds**

All net proceeds from BOC Sustainability Bonds have been allocated to the projects in Australia.

● **For CGT Green Bonds**

77.75% of the net proceeds from CGT Green Bonds have been allocated to the projects in mainland China, with the remaining proceeds allocated to 1 wind power project in Germany and 1 wind power project in Netherlands.



Impact Reporting

The environmental impact	The social impact
Due to the considerations of confidentiality for our loan clients, the environmental impact results of the green projects are disclosed on a portfolio basis. For each of the indicators in the table, the project-by-project results include only the pro-rated share (as a percentage of the issuer's share of the total financing) of the total projects' results; these individual pro-rata project impacts are then aggregated to indicate the overall impact of the funded projects in a certain category.	/
The environmental impact is calculated as:	The sustainability impact is evaluated as:
For Renewable Energy Projects , the environmental impact is calculated based on the UNFCCC CDM methodology ACM 0002 Grid-connected electricity generation from renewable sources (version 21.0) ² . Noted by * in the table below.	Access to essential services , mainly includes Health Care and Educational services. The Health Care projects increase hospital bed capacity and improve healthcare accessibility by building hospitals to provide more beds and providing quality medical equipment. Education Projects increase literacy rate and decrease youth unemployment rate by building education facilities.
For Wastewater Treatment Projects , the environmental impact is calculated based on the capacity of the treatment effectiveness (wastewater treatment = treatment capacity of the facility (influent quality - effluent quality)). Noted by ** in the table below.	
For Clean Transportation Projects , the environmental impact is calculated based on ACM0016 Mass rapid transit projects (version 5.0) ³ . Noted by *** in the table below.	
For Energy Efficiency Projects , the environmental impact is calculated based on the <i>Guidelines for energy conservation and emission Reduction of green credit projects</i> released by China Banking and Insurance Regulatory Commission. Noted by **** in the table below.	

Below show the expected environmental and social impacts in detail.

● For Green Bonds

The environmental impact of April 2021 Luxemburg Green Bond, April 2021 Singapore Green Bond, April 2021 Frankfurt Green Bond, September 2021 Sydney Green Bond, February 2022 Hungarian Green Bond, February 2022 Johannesburg Green Bond, April 2022 Macau Green Bond, April 2022 Singapore Green Bond and April 2022 Luxemburg Green Bond is summarized as follows:

Renewable energy (Wind & Photovoltaic energy)	Allocated amount (CNY million)	Annual generation ⁴ (MWh)	Renewable energy capacity added ⁵ (MW)	Annual GHG emissions reduced* (CO ₂ tons)
	5,796.50	4,838,704.79	2,234.98	1,115,966.82

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced*** (CO ₂ tons)
	20,170.56	89,063.32

² available at
<https://cdm.unfccc.int/methodologies/DB/HF3LP6041YY0JIP1DK6ZRJO9RSCX3S>

³ available at
<https://cdm.unfccc.int/methodologies/DB/PPZC6A7B2DFBT0MC46OK0AROF64FKE>

⁴ Annual generation is the sum of electricity supplied to local grid from all renewable projects funded. And all Annual generation below is calculated as the same.

⁵ Renewable energy capacity added is sum of capacity add for all renewable projects funded. And all Renewable energy capacity added below is calculated as the same.

Green Building	Allocated amount (CNY million)	Certification
	3,100.62	BCA GREEN MARK AWARD (GOLDPLUS) 5 Star by NABERS Energy

● **For Climate Bonds**

The environmental impact of May 2018 Climate Bond is summarized as follows:

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced*** (CO ₂ tons)
	1,890.00	22,621

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced* (CO ₂ tons)
	1,303.39	3,732,000	1,331.50	137,333.69

● **For Blue Bonds**

The environmental impact of September 2020 Blue Bond is summarized as follows:

Renewable energy (Wind power)	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced* (CO ₂ tons)
	2,975.03	3,639,410.23	2,067.30	103,917.07

Sustainable water and wastewater management (Wastewater treatment)	Allocated amount (CNY million)	Annual pollution prevention**(tons)	
		COD	NH ₃ -N
	394.38	6,435.39	524.94

● **For Sustainability Bond**

The environmental impact of February 2022 Sydney Sustainability Bond is summarized as follows:

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced* (CO ₂ tons)
	451.64	807.2	1,845,100	1,829,891.06

Green buildings	Allocated amount (CNY million)	Certification
	1,417.84	5 Star by NABERS Energy

Access to essential service	Allocated amount (CNY million)	Service
	666.34	Education training/healthcare

● **For Biodiversity Green Bonds**

September 2021 Macau Biodiversity Green Bond and November 2022 Paris Biodiversity Green Bond. All of the net

proceeds have been utilized to fund 6 terrestrial and aquatic biodiversity conservation projects and 2 environmentally sustainable management of living natural resources and land use projects. Due to the long construction period, all projects are under construction and not put into operation. Once the projects completed, biodiversity of local ecosystem will be significantly improved.

● **For CGT Green Bonds**

The environmental impact of June 2022 Frankfurt CGT Green Bond is summarized as follows:

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	2,286.34	1,125,265.90	1,650	296,656.20

Energy efficiency	Allocated amount (CNY million)	Annual generation (MWh)	Annual energy saving **** (tons of standard coal equivalent)	Energy capacity added (MW)
	1,061.60	2,010,000	74,759.12	1,200

Use of Proceeds

All the net proceeds of the Sustainability Series Bonds will be allocated to the Eligible Projects include other related and supporting expenditures such as R&D. The Eligible Projects include but not limited to:

- Renewable energy (including the production and transmission of renewable energy, and the manufacturing of renewable energy appliances and products; renewable energy includes solar energy, onshore and offshore wind energy and biomass energy);
- Energy efficiency (such as newly built and refurbished of energy-saving buildings, energy-saving retrofit of heating system, refrigeration system, lighting equipment and hot water supply system);
- Pollution prevention and control (including reduction of air emissions, greenhouse gas control, soil remediation, waste prevention, waste reduction, waste recycling and energy/emission-efficient waste to energy, and clean-coal related will be excluded);
- Environmentally sustainable management of living natural resources and land use (including environmentally sustainable agriculture; environmentally sustainable animal husbandry; climate smart farm inputs such as biological crop protection or drip-irrigation; environmentally sustainable fishery and aquaculture; environmentally-sustainable forestry, including afforestation or reforestation, and preservation or restoration of natural landscapes);
- Terrestrial and aquatic biodiversity conservation (including the protection of mountain, plain, coastal, marine and watershed environments);
- Clean transportation (such as electric, public, rail, non-motorised, multi-modal transportation, infrastructure for clean energy vehicles and reduction of harmful emissions);
- Sustainable water and wastewater management (including sustainable infrastructure for clean and/or drinking water, wastewater treatment, sustainable urban drainage systems and river training and other forms of flooding mitigation);
- Green buildings which meet regional, national or internationally recognised standards or certifications;
- Affordable basic infrastructure (including clean drinking water, sewers, sanitation, transport);
- Access to essential services (including health, education and vocational training, healthcare);

- Affordable housing (including low-rent housing, affordable housing and policy tenancy housing, applicants should meet the requirement of local policies to apply for the housing mentioned above); and
- Employment generation (including through the potential effect of small and medium enterprise (SME) financing and microfinance. For the definition of SME, refer to local relevant standard.)

In any case, Eligible Projects exclude the following categories (“Explicitly Excluded Projects”):

- Fossil fuel dedicated assets;
- Biofuels, biogas or biomass which utilize food crops as sources;
- Nuclear related projects;
- Mining and quarrying related projects;
- Luxury services or goods related, such as clubhouse operation;
- Alcoholic beverages related projects;
- Gambling and predatory lending enterprises related projects;
- Tobacco and tobacco-related products related projects;
- Weapons and ammunitions related projects.

Process for Project Evaluation and Selection

BOC follows the procedures below, to evaluate and select the Eligible Projects:

- Preliminary Screening

Based on the project compliance documents (such as feasibility study report and approval, environmental impact assessment report and approval), and referring to criteria and standards of Eligible Project categories defined in the “Use of Proceeds” section, BOC’s domestic and overseas branches shall conduct preliminary screening of eligible projects, to form the list of nominated projects and submit to the Headquarters for further review.

- Review and Approval

BOC’s Headquarters shall review each of the nominated projects, and then submit to professional third party agencies for independent assessment. Approval will be granted to nominated projects certified by the professional third party agencies. The approved projects will form the Eligible Project List.

- Update and Maintenance

BOC’s Headquarters shall review the Eligible Project List and determine if any changes are necessary (for example, if a project has become ineligible due to amortization, prepayment, sale or other reasons). If such changes are necessary, the Headquarters shall organize domestic and overseas branches to nominate new projects, and approve the eligible ones to replace projects that have become ineligible due to amortization, prepayment, sale or other reasons.

Management of Proceeds

Due to its global network, BOC allocates the net proceeds of the Sustainability Series Bonds to Eligible Projects across various domestic and overseas markets. BOC has established an effective mechanism to manage the proceeds, ensuring that the proceeds from the Sustainability Bond will be used to fund the Eligible Projects.

- Planning for Use of Proceeds

Prior to the issuance of Sustainability Series Bonds, BOC shall develop the preliminary Eligible Project List as per “Project Evaluation and Selection” section in the Statement to ensure that the proceeds from Sustainability Series Bonds can be allocated to Eligible Projects in a timely manner.

- Management of Separate Ledger

BOC shall record the source and allocation of proceeds in a separate ledger management system to ensure that all the net proceeds of the Sustainability Series Bonds are properly managed and used. The ledger system shall contain information including but not limited to: transaction information (issue amount, coupon rate, issue date, maturity date, etc.) and the proceeds allocation information (project name, borrower description, project category, balance, release date, repayment date, exchange rate, interest rate of the loan, etc.). BOC will review and update the ledger, any proceeds allocated to the projects that have amortized, been prepaid, sold or otherwise become ineligible shall be reallocated to newly nominated and approved Projects.

- **Use of Unallocated Proceeds**

Unallocated proceeds shall not be invested in greenhouse gas (GHG) intensive, highly polluting, energy intensive projects nor projects with negative social impacts (including but not limited to “Explicitly Excluded Projects”). The unallocated proceeds could be temporarily invested in Sustainability Series Bonds issued by non-financial institutions in domestic or international capital markets, and in money market instruments with good credit ratings and market liquidity, or kept in cash until they are allocated to Eligible Projects..

Reporting

As long as the Sustainability Series Bonds are outstanding, BOC will make disclosure in relation to the allocation of the proceeds and the environmental and social impacts of the funded Eligible Projects on an annual basis on its official website (<http://www.boc.cn/en/investor/ir10/>). BOC is committed to maintain the transparency of information disclosure following the best practices recommended by (GBP, 2021), (SBG,2021) and (SBP, 2021). The following contents will be disclosed annually:

1. Annual report of the Sustainability Series Bonds, where the content includes but not limited to the following proceeds allocation and environmental and social impacts information:
 - A brief description of the Eligible Projects to which the Sustainability Series Bonds proceeds were allocated, and the breakdown in terms of amount and percentage allocated to each of the categories
 - The unallocated proceeds and how they are invested temporarily
 - Appropriate case information of the selected Eligible Projects
 - The environmental and/or social benefits of each category of the Eligible Projects where the proceeds were allocated
2. An attestation report for the annual report issued by a qualified third party
3. An attestation report for the use of proceeds issued by a qualified third party

April 2021 Luxembourg Green Bond

Table I-1 Detailed Information of April 2021 Luxembourg Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2332559470	EUR	3	Fixed	500	3,920	7.8395	3,914.50
XS2334572562	USD	5	Fixed	500	3,243	6.4853	3,231.62
Total							7,146.12

Table I-2 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	5,030.41	3	70.39%
Renewable energy	2,115.71	6	29.61%
Total	7,146.12	9	100%

Table I-3 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Central China	2,203.00	30.83%
Northern China	2,048.08	28.66%
Southwest China	2,827.41	39.57%
Oversea	67.63	0.95%
Total	7,146.12	100%

Table I-4 Environmental Impact

Renewable energy (Wind Power)	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	2,115.71	1,572,848.70	797.00	382,954.06

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	5,030.41	5,812.19

Example

The city metro project is located in Southwest China and total length of the line is 69.39 km with 10 stations. The annual number of passengers is 45 million in 2022. The Bank's loan accounted for approximately 8.39% of the total project investment, which reduced CO₂ emissions of 3587.10 tons in 2022.



April 2021 Singapore Green Bond

Table I-5 Detailed Information of April 2021 Singapore Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2333562713	USD	3	Fixed	500	3,243	6.4853	3,237.85
Total							3,237.85

Table I-6 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	2,140.19	2	66.10%
Green building	777.47	1	24.01%
Sustainable water and wastewater management	320.19	1	9.89%
Total	3,237.85	4	100%

Table I-7 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Southwest China	1,740.19	53.75%
Central China	400.00	12.35%
Eastern China	320.19	9.89%
Oversea	777.47	24.01%
Total	3,237.85	100%

Table I-8 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	2,140.19	4,971.85

Green Building	Allocated amount (CNY million)	Certification
	777.47	BCA GREEN MARK AWARD (GOLDPLUS)

Example

The city metro project is located in Southwest China and total length of the line is 34.83 km with 25 stations. The annual number of passengers is 45.41 million in 2022. The Bank's loan accounted for approximately 8.98% of the total project investment, which reduced CO₂ emissions of 3,876.48 tons in 2022.



April 2021 Frankfurt Green Bond

Table I-9 Detailed Information of April 2021 Frankfurt Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2332559553	CNY	2	Fixed	1,350	1,350	1	1,348.92
Total							1,348.92

Table I-10 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	1,348.92	2	100%
Total	1,348.92	2	100%

Table I-11 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Central China	1,346.00	99.78%
Southwest China	2.92	0.22%
Total	1,348.92	100%

Table I-12 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	1,348.92	5,428.86

Example



The city metro project is located in Central China and total length of the line is 22.70 km with 11 stations. The annual number of passengers is 79.46 million in 2022. The Bank's loan accounted for approximately 7.18% of the total project investment, which reduced CO₂ emissions of 5,421.41 tons in 2022.

September 2021 Sydney Green Bond

Table I-13 Detailed Information of September 2021 Sydney Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2388372273	USD	3	Fixed	300	1,940	6.4662	1,934.99
Total							1,934.99

Table I-14 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Green Building	1,131.31	1	58.47%
Renewable energy	803.68	4	41.53%
Total	1,934.99	5	100%

Table I-15 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Oversea (Australia)	1,934.99	100%

Table I-16 Environmental Impact

Renewable energy (Wind & Photovoltaic Power)	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	803.68	1,223,993.00	542.30	118,443.06

Green Building	Allocated amount (CNY million)	Certification
	1,131.31	5 Star by NABERS Energy

Example

The wind power project is located in Australia. The wind farm's 90 turbines generate up to a total capacity of 270 MW of clean renewable energy for the life of the project. The electricity supplied to the grid in 2022 is 670,950 MWh. And the Bank's loan accounted for approximately 23.03% of the total project investment, which reduced CO₂ emissions of 110,744.92 tons in 2022.



February 2022 Hungarian Green Bond

Table I-17 Detailed Information of February 2022 Hungarian Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2432530983	USD	2	Fixed	300	1,904	6.3463	1,901.05
Total							1,901.05

Table I-18 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	1,378.97	1	72.54%
Renewable energy	402.64	1	21.18%
Sustainable water and wastewater management	119.44	1	6.28%
Total	1,901.05	3	100%

Table I-19 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Eastern China	1,378.97	72.54%
Northern China	119.44	6.28%
Oversea	402.64	21.18%
Total	1,901.05	100%

Table I-20 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	1,378.97	1,337.47

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	402.64	132,757.60	98.6	41,171.71

Sustainable water and wastewater management (Wastewater treatment)	Allocated amount (CNY million)	Annual pollution prevention(tons)	
		COD	NH ₃ -N
	119.44	289.16	32.05

Example

The city metro project is located in Eastern China and total length of the line is 36.33 km with 19 stations. The annual number of passengers is 29.59 million in 2022. The Bank's loan accounted for approximately 4.76% of the total project investment, which reduced CO₂ emissions of 1,337.47 tons in 2022.



February 2022 Johannesburg Green Bond

Table I-21 Detailed Information of February 2022 Johannesburg Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2432628522	USD	3	Fixed	300	1,904	6.3463	1,899.65
Total							1,899.65

Table I-22 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	1,757.65	1	92.52%
Renewable energy	142.00	1	7.48%
Total	1,899.65	2	100%

Table I-23 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Northern China	142.00	7.48%
Southern China	1,757.65	92.52%
Total	1,899.65	100%

Table I-24 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	1,757.65	13,774.75

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	142.00	86,817.80	42	31,845.71

Example



The city metro project is located in Southern China and total length of the line is 12.38 km with 6 stations. The annual number of passengers is 212,065 million in 2022. The Bank's loan accounted for approximately 6.84% of the total project investment, which reduced CO₂ emissions of 13,774.75 tons in 2022.

April 2022 Macau Green Bond

Table I-25 Detailed Information of April 2022 Macau Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS247113592 6	USD	3	SORFIX+78BP	1,000	6,563	6.562 8	6,552.30
Total							6,552.30

Table I-26 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	4,307.10	2	65.73%
Renewable energy	2,245.20	3	34.27%
Total	6,552.30	5	100%

Table I-27 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Central China	2,600.00	39.68%
Eastern China	543.92	8.30%
Northern China	1,701.28	25.96%
Northwest China	1,707.10	26.05%
Total	6,552.30	100%

Table I-28 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)		Annual GHG emissions reduced (CO ₂ tons)	
	4,307.10		7,395.25	

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	2,245.20	1,573,058	600.30	442,540.77

Example

The wind power project is located in Eastern China. The wind farm's 67 turbines generate up to a total capacity of 301.5 MW of clean renewable energy for the life of the project. The electricity supplied to the grid in 2022 is 824,430 MWh. And the Bank's loan accounted for approximately 9.95% of the total project investment, which reduced CO₂ emissions of 56,644.32 tons in 2022.



April 2022 Singapore Green Bond

Table I-29 Detailed Information of April 2022 Singapore Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2470956322	USD	3	Fixed	500	3,281	6.5628	3,275.62
Total							3,275.62

Table I-30 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	2,083.78	1	63.61%
Green Building	1,191.84	4	36.39%
Total	3,275.62	5	100%

Table I-31 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Northern China	2,083.78	63.61%
Oversea	1,191.84	36.39%
Total	3,275.62	100%

Table I-32 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	2,083.78	3,671.18

Green Building	Allocated amount (CNY million)	Certification
	1,191.84	BCA Green mark/BEAM Plus EB2.0

Example

The city metro project is located in Northern China and total length of the line is 20.20 km with 12 stations. The annual number of passengers is 31.02 million in 2022. The Bank's loan accounted for approximately 12.45% of the total project investment, which reduced CO₂ emissions of 3,671.18 tons in 2022.



April 2022 Luxembourg Green Bond

Table I-33 Detailed Information of April 2022 Luxembourg Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2471305867	EUR	3	Fixed	500	3,464	6.9278	3,448.92
Total							3,448.92

Table I-34 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	2,123.54	2	61.57%
Pollution prevention and control	1,238.11	2	35.90%
Renewable energy	87.27	2	2.53%
Total	3,448.92	6	100%

Table I-35 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Central China	1,123.54	32.58%
Northern China	1,000.00	28.99%
Oversea	1,325.38	38.43%
Total	3,448.92	100%

Table I-36 Environmental Impact

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	2,123.54	46,671.77

Pollution prevention and control	Allocated amount (CNY million)	Waste Treatment (tons)	Electricity Generation (MWh)
	1,238.11	8,500,000	5,080,000

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	87.27	249,229.69	154.78	99,011.52

Example

A solid waste treatment project. In 2022, the project treated about 5 million tons of waste and provide green electricity to about 720,000 homes totaling 5 billion KWH. And heat is generated to provide the surrounding areas of households, hospitals, office buildings and other civil or public units. The bottom waste residue left after waste treatment is used for road construction or waste recycling.



May 2018 Climate Bond

Table II-1 Detailed Information of May 2018 Climate Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS1832452103	USD	5	Floating	500	3,196	6.3919	3,193.39
Total							3,193.39

Table II-2 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Clean transportation	1,890.00	1	59.18%
Renewable energy	1,303.39	2	40.82%
Total	3,193.39	3	100.00%

Table II-3 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Northern China	1,890.00	59.18%
Southern China	808.11	25.31%
Overseas	495.28	15.51%
Total	3,193.39	100%

Table II-4 Environmental Impact

Renewable energy (Wind power)	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	1,303.39	3,732,000	1,331.50	137,333.69

Clean transportation (Electrified metro)	Allocated amount (CNY million)	Annual GHG emissions reduced (CO ₂ tons)
	1,890.00	22,621

Example

The offshore wind power project is located in Netherlands. The project, with total capacity of 731.5 MW, consists of 77 wind turbines and the electricity generation in 2022 is 1,976,000 MWh. The Bank's loan accounted for approximately 5.93% of the total project investment, which reduced CO₂ emissions of 48,437.04 tons in 2022.



September 2020 Blue Bond

Table III-1 Detailed Information of September 2020 Blue Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2231589511	CNY	2	Fixed	3,000	3,000	1	2,994.80
XS2231589784	USD	3	Fixed	500	3,380	6.7595	3,369.41
Total							3,369.41

Table III-2 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects/ Beneficiaries	Proportion
Renewable energy	2,975.03	6	88.30%
Sustainable water and wastewater management	394.38	3	11.70%
Total	3,369.41	9	100.00%

Table III-3 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Southern China	2,443.38	72.52%
Eastern China	415.54	12.33%
Overseas	510.49	15.15%
Total	3,369.41	100.00%

Table III-4 Environmental Impact

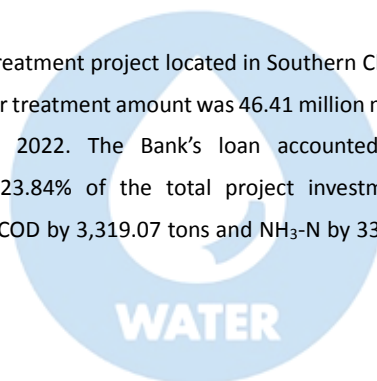
Renewable energy (Offshore wind power)	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	2,975.03	3,639,410.23	2,067.30	103,917.07

Sustainable water and wastewater management (Wastewater treatment)	Allocated amount (CNY million)	Annual pollution prevention(tons)	
		COD	NH ₃ -N
	394.38	6,435.39	524.94

Example



A wastewater treatment project located in Southern China. The actual water treatment amount was 46.41 million m³ by the project in 2022. The Bank's loan accounted for approximately 23.84% of the total project investment, which reduced COD by 3,319.07 tons and NH₃-N by 331.91 tons in 2022.



February 2022 Sydney Sustainability Bond

Table IV -1 Detailed Information of February 2022 Sydney Sustainability Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2451854991	USD	3	Fixed	400	2,539	6.3478	2,535.82
Total							2,535.82

Table IV -2 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects/ Beneficiaries	Proportion
Access to essential service	666.34	2	26.28%
Green buildings	1,417.84	3	55.91%
Renewable Energy	451.64	1	17.81%
Total	2,535.82	6	100.00%

Table IV -3 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Overseas	2,535.82	100.00%

Table IV -4 Environmental and social Impact

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	451.64	807.2	1,845,100	1,829,891.06

Green buildings	Allocated amount (CNY million)	Certification
	1,417.84	5 Star by NABERS Energy

Access to essential service	Allocated amount (CNY million)	Service
	666.34	Education training/healthcare

Example

A healthcare facility located in Australia. This project comprised 372 inpatient beds, 72 same-day beds, 11 new operating theatres, and an integrated cancer center. There is also a 25-bed maternity unit and an 80-bed mental health unit, along with a childcare center and affordable accommodation for visitors. This project increased hospital bed capacity and improved proximity of healthcare system.



September 2021 Macau Biodiversity Green Bond

Table V-1 Detailed Information of 2021 Macau Biodiversity Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
HK0000777810	CNY	2	Fixed	1,000	1,000	1	993.00
MO000A3KWHQ6	MOP	2	Fixed	1,000	807	0.8068	806.80
Total							1,799.80

Table V-2 Proceeds Allocation in Terms of Category

Category	Allocated amount (CNY million)	Number of Projects	Proportion
Terrestrial and aquatic biodiversity conservation	1674.54	3	93.04%
Environmentally sustainable management of living natural resources and land use	125.26	1	6.96%
Total	1,799.80	4	100%

Table V-3 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Northern China	589.51	32.75%
Central China	1210.29	67.25%
Total	1,799.80	100%

Environmental Impact

All of the net proceeds have been utilized to fund 3 terrestrial and aquatic biodiversity conservation projects and 1 environmentally sustainable management of living natural resources and land use project. Due to the long construction period, all projects are under construction and not put into operation. Once the projects completed, biodiversity of local ecosystem will be significantly improved. For example, an restoration project in Northern China was funded by the 2021 Biodiversity Green Bond. The project consists of four functional areas: bare land restoration area, ecological conservation restoration area, mountain forest tending area and ecological tourism area, while supporting the construction of irrigation system, monitoring system and forest maintenance road. After the construction of this project, 18920 trees, 9700 shrubs, 105894 square meters of grass flowers and ground cover will be planted in the bare land restoration area. This project will further increase the coverage of forest and grass, enhance the functions of windbreak and sand fixation, soil and water conservation, biodiversity, and improve the quality and stability of the natural ecosystem.



November 2022 Paris Biodiversity Green Bond

Table V-4 Detailed Information of November 2022 Paris Biodiversity Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2555170740	USD	3	Fixed	400	2,851	7.1281	2,845.72
Total							2,845.72

Table V-5 Proceeds Allocation in Terms of Category

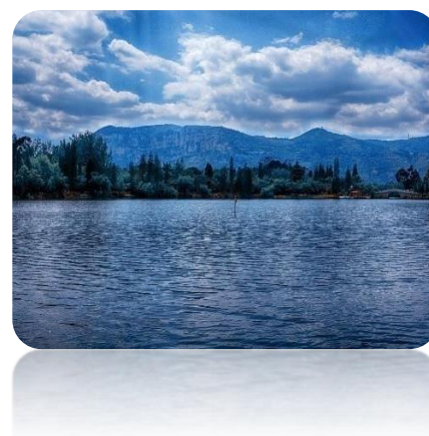
Category	Allocated amount (CNY million)	Number of Projects	Proportion
Terrestrial and aquatic biodiversity conservation	2160.97	3	75.94%
Environmentally sustainable management of living natural resources and land use	684.75	1	24.06%
Total	2,845.72	4	100%

Table V-6 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Southwest China	1,096.32	38.53%
Northern China	684.75	24.06%
Central China	650.38	22.85%
Eastern China	414.27	14.56%
Total	2,845.72	100%

Environmental Impact

All of the net proceeds have been utilized to fund 3 terrestrial and aquatic biodiversity conservation projects and 1 environmentally sustainable management of living natural resources and land use project. Due to the long construction period, all projects are under construction and not put into operation. Once the projects completed, biodiversity of local ecosystem will be significantly improved. For example, a comprehensive water environment management project in Southwest China. This project raised the water quality from poor Class V to Class IV, and the water environment was obviously improved. By December 2022, the project had replenished 317 million cubic meters of water to the lake and provided 66 million cubic meters of water to the city, strengthened unified water resource management in the river basin, and effectively guaranteed the urban water supply and the ecological security of the lake. At the same time, in order to improve the ecological environment of the basin, the multiplication and release of rare and endemic fish were carried out 12 times, which greatly improved the richness and diversity of aquatic life



June 2022 Frankfurt CGT Green Bond

Table VI -1 Detailed Information of June 2022 Frankfurt CGT Green Bond

ISIN code	Currency	Tenor (year)	Coupon type	Amount (million)	CNY Equivalent Amount (million)	FX rate	CNY Net Amount (million)
XS2484016642	USD	3	Fixed	500	3,355	6.7099	3,347.94
Total							3,347.94

Table VI -2 Proceeds Allocation in Terms of Category

Eligible Project Category	Allocated amount (CNY million)	Number of Projects	Proportion
Renewable energy	2,286.34	4	68.29%
Energy efficiency	1,061.60	2	31.71%
Total	3,347.94	6	100.00%

CGT Category	Allocated amount (CNY million)	Number of Projects	Proportion
D1.3 Electricity generation from wind power	2,286.34	4	68.29%
D1.8 Storage of electricity	1,061.60	2	31.71%
Total	3,347.94	6	100.00%

Table VI -3 Proceeds Allocation in Terms of Location

Location	Allocated amount (CNY million)	Proportion
Northeast China	1,055.67	31.53%
Eastern China	1,061.60	31.71%
Northern China	485.72	14.51%
Overseas	744.95	22.25%
Total	3,347.94	100.00%

Table VI -4 Environmental Impact

Renewable energy	Allocated amount (CNY million)	Annual generation (MWh)	Renewable energy capacity added (MW)	Annual GHG emissions reduced (CO ₂ tons)
	2,286.34	1,125,265.90	1,650	296,656.20

Energy efficiency	Allocated amount (CNY million)	Annual generation (MWh)	Annual energy saving (tons of standard coal equivalent)	Energy capacity added (MW)
	1,061.60	2,010,000	74,759.12	1,200

Example

The wind power project is located in Northern China. The project, with total capacity of 150 MW and the electricity generation is 454,350 MWh in 2022. The Bank's loan accounted for approximately 47.00% of the total project investment, which reduced CO2 emissions of 176,563.64 tons in 2022.



Bank of China Limited
31 March 2023