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2018

ICBC Annual Green Bond Report Industrial and Commercial Bank of China Limited



ICBC Annual Green Bond Report 2018

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General Information

Vision and objective

Industrial and Commercial Bank of China Limited (hereinafter referred to as "ICBC") has been consciously integrating the social responsibilities into its development strategy, operation and management activities in the aspects including developing inclusive finance, supporting targeted poverty relief, protecting environment and resources, and backing social and public welfare undertakings.

In accordance to the vision of "building a world-class and modern financial enterprise with global competitiveness featuring delivering excellence, sticking to our founding mission, customer's favourite, leading in innovation, security and prudence and people-oriented", ICBC has been making constant efforts with focus on serving the real economy, developing inclusive finance, practicing green finance, targeted poverty relief, preventing financial risks and other important initiatives.

ICBC has been an active advocate of green finance both nationally and internationally as a social and environmental commitment. It is a member of the standing council of Green Finance Committee established under China Financial Forum. It was the first Chinese commercial bank to join the UN Global Compact in 2012 and joined the United Nations Environment Programme Finance Initiative (UNEP FI) in 2014.

In April 2018, UNEP FI announced the initiation of the Principles for Sustainable Banking project. A core working group was formed consisting of ICBC, together with the other 27 banks from around the world, has formed the core working group to draft the principles. The draft principles were released to the world during the UNEP FI Global Round Table held in Paris, France on 26 November 2018, and has officially takes effect as from September 2019.

On September 22nd 2019, UNEP and global banking representatives released Principles for Sustainable Banking at UN New York Head Office. As the only Chinese bank in the working group that initiated the Principles, ICBC first signed the Principles.

In 2018, ICBC, as the Chinese leader of the working group for UK-China Environmental Information Disclosure Pilot, worked with the group to formulate the UK-China Environmental Information Disclosure Pilot Work Plan, and issued a three-phase action plan and the 2018 Progress Report on UK-China Climate and Environment Information Disclosure Pilot. Each pilot institution will gradually disclose its environmental information in the next few years.

In December 2018, the "CSI 180 ESG Index" jointly developed by ICBC and China Securities Index was officially launched. With ICBC's green ratings as the basis and its long-term data accumulation as an edge, the index has effectively improved the accuracy and effectiveness of ESG ratings. The index is a manifestation of ICBC's active fulfillment of social responsibilities and its practical action in promoting green economic transformation. It is also another new innovation for sustainable development.

The vision of ICBC : To build a world-class and modern financial enterprise with global competitiveness.



Featuring delivering excellence



Sticking to our founding mission



Customer's favourite



Leading in innovation



Security and prudence



People-oriented

- Issuing green bonds will be a further elaboration of ICBC's green strategy.
- Issuing green bonds will also facilitate the building of China's ecological civilisation.
- The issuances will further boost ICBC as a Group in deepening its development strategies in terms of sustainability and climate change.
- The green bond framework will further support ICBC investors to achieve their goals in the fast-growing green economy.

Green Finance

Actively implementing its five major development concepts of "Innovation, Coordination, Green, Opening, and Sharing", ICBC has put stepping up efforts on green finance as an important strategy for long-term commitment in various respects including policies and systems, management processes, business innovation, and our own performance, fully promoting the building of green finance, actively supporting the development of green industries, strengthening the prevention and control of environmental and social risks, and continuously advancing low-carbon operations, aiming at achieving improvement in economic, social and ecological benefits at the same pace.

Green Bonds

Over the reporting period, ICBC actively practices green finance, which has facilitated the growth of the green bond market.



- On 5 June 2018,

ICBC issued the US dollar and Euro dual-currency green bond through London Branch and the final issue amount was equivalent to US\$ **1.6** billion. The bond was officially listed on the London Stock Exchange and became the largest green bond listed on the exchange.

The bond has been certified by the Climate Bonds Initiative (CBI) as "Climate Bonds" in the Climate Bonds Certification and Post-issuance Certification under the Climate Bonds Standard.

For the above two bonds, the green bond framework established by the bank in 2017 has been followed to meet the latest domestic and international green bond standards.

- On 13 June 2018,

ICBC issued the US dollar and Hong Kong dollar dual-currency green bond through ICBC Asia and the final issuance amount was equivalent to US\$ **730** million. The bond was officially listed on the Hong Kong Stock Exchange.

The bond was awarded the Pre-issuance Stage Certificate and the Post-issuance Stage Certificate by the Hong Kong Quality Assurance Agency (HKQAA).

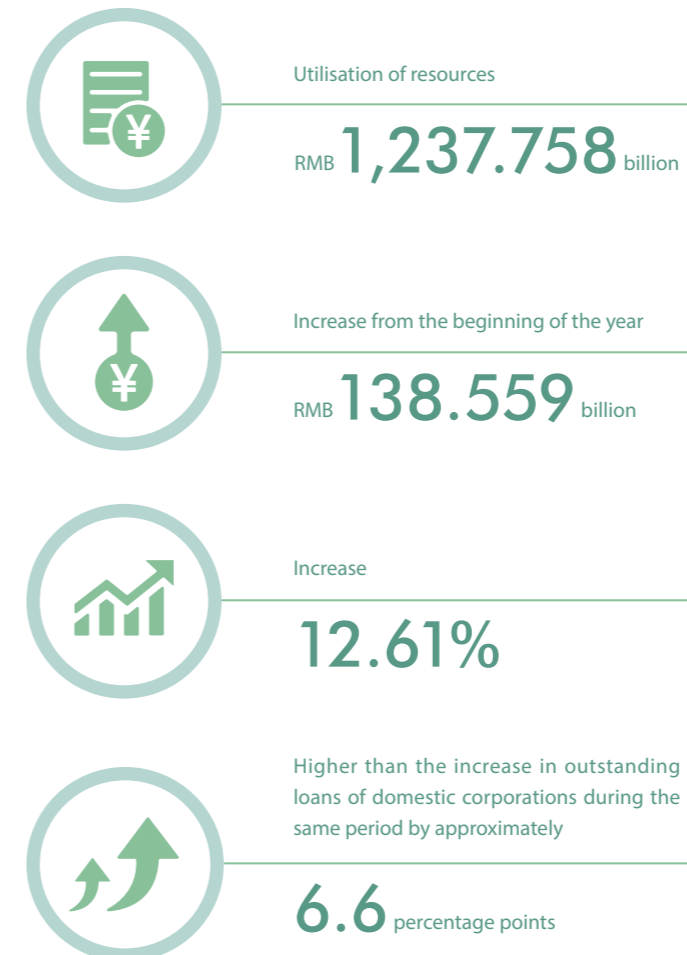
Green Loan

Firstly, in improving its policies and systems, ICBC has issued the Opinions on Comprehensively Strengthening the Building of Green Finance to define the work objectives and basic principles as well as to sort out the main lines of work and specific measures for strengthening the building of green finance, including 27 measures related to six major aspects, namely, continuous adjustment to green investment and financing structures, comprehensive reinforcement

of environmental and social risk management, active commencement of green financial innovation, earnest implementation of regulatory requirements, stronger protection on green financial organisations and day-to-day management, laying a solid foundation for overall strengthening the building of green finance, creating an internationally leading green bank and achieving the sustainable development of investment and financing operations. Secondly, in stepping up efforts on

the management of environmental and social risks, ICBC has been strictly enforcing compliance from the bottom line for environmental and social risks, and implementing full-process green credit management. Thirdly, ICBC has been strengthening the establishment of green credit safeguarding measures, reinforcing the assessment of green credit and the allocation of resources to improve the level of information-based green credit management.

As of the end of the reporting period, the balance of ICBC's domestic green credit extended to energy conservation and environmental protection projects related to ecological protection, clean energy, and the recycling. With highlights below:



General information of the bonds

As of the end of the reporting period, ICBC issued three dual-currency “Belt and Road” green bonds through Luxembourg Branch, London Branch and ICBC Asia, with an aggregate issuance amount of US\$4.48 billion, all of which were highly recognised and over-subscribed by global investors.



The amount of aggregate issuance is

US\$ **4.48** billion

Details of ICBC’s overseas green bonds as of the end of 2018

Branch	Issue date	Issue format		
Luxembourg Branch	28 September 2017	Reg S		
	A1 (Moody’s)	Reg S		
	A1 (Moody’s)	Reg S		
	Senior unsecured bond	Reg S		
	Reg S	Reg S		
	ISIN	XS1691909334	XS1692890343	XS1691909177
	Type of issuance	Three-year Euro floating-rate	Three-year US dollar floating-rate	Five-year US dollar fixed-rate
	Issuance amount	EUR 1,100,000,000	USD 450,000,000	USD 400,000,000
	Use of proceeds	For the purpose of financing or refinancing eligible green assets as described in the Green Bond Framework of Industrial and Commercial Bank of China, covering areas including “Belt and Road” and national renewable energy, low carbon and low emission transportation, energy efficiency as well as sustainable water and wastewater management		
	Second opinion	Rated as “Dark Green” by the Center for International Climate Research (CICERO) in Oslo in accordance with the green bond principles		
External auditor’s opinion	An external auditor’s opinion issued by Beijing Zhongcai Green Financing Consultant Ltd. in accordance with China’s green bond standards			
Certification	Labelled by CBI as “Climate Bonds” on 26 September 2017; awarded the Post-Issuance Certification by CBI on 11 October 2018			
Listing	Luxembourg Green Exchange LGX (Luxembourg Stock Exchange)			
London Branch	5 June 2018	Reg S		
	A1 (Moody’s)	Reg S		
	A1 (Moody’s)	Reg S		
	Senior unsecured bond	Reg S		

Branch	Issue date	Issue format		
London Branch	13 June 2018	Reg S		
	A1 (Moody’s)	Reg S		
	A1 (Moody’s)	Reg S		
	Senior unsecured bond	Reg S		
	Reg S	Reg S		
	ISIN	XS1830984628	XS1830985278	XS1831163396
	Type of issuance	Three-year US dollar floating-rate	Five-year US dollar floating-rate	Three-year Euro floating-rate
	Issuance amount	USD 500,000,000	USD 500,000,000	EUR 500,000,000
	Use of proceeds	For the purpose of financing or refinancing eligible green assets as described in the Green Bond Framework of Industrial and Commercial Bank of China, covering areas including “Belt and Road” and national renewable energy, low carbon and low emission transportation, energy efficiency as well as sustainable water and wastewater management		
	Second opinion	Rated as “Dark Green” by the Center for International Climate Research (CICERO) in Oslo in accordance with the green bond principles		
External auditor’s opinion	An external auditor’s opinion issued by Beijing Zhongcai Green Financing Consultant Ltd. in accordance with China’s green bond standards			
Certification	Labelled by CBI as “Climate Bonds” on 28 May 2018; awarded the Post-Issuance Certification by CBI on 4 June 2019			
Listing	London Stock Exchange			
ICBC Asia	13 June 2018	Reg S		
	A1 (Moody’s)	Reg S		
	A1 (Moody’s)	Reg S		
	Senior unsecured bond	Reg S		
	Reg S	Reg S		
	ISIN	XS1839369300	XS1839372601	HK0000425899
	Type of issuance	Three-year US dollar floating-rate	Five-year US dollar floating-rate	Two-year HK dollar fixed-rate
	Issuance amount	USD 200,000,000	USD 200,000,000	HKD 2,600,000,000
	Use of proceeds	For the purpose of financing or refinancing eligible green assets as described in the Green Bond Framework of Industrial and Commercial Bank of China, covering areas including renewable energy, low carbon and low emission transportation, energy efficiency as well as sustainable water and wastewater management		
	Second opinion	Rated as “Dark Green” by the Center for International Climate Research (CICERO) in Oslo in accordance with the green bond principles		
External auditor’s opinion	An external auditor’s opinion issued by Beijing Zhongcai Green Financing Consultant Ltd. in accordance with China’s green bond standards			
Certification	Awarded the Pre-issuance Stage Certificate by the Hong Kong Quality Assurance Agency on 28 May 2018; awarded the Post-issuance Stage Certificate by the Hong Kong Quality Assurance Agency on 5 July 2019			
Listing	Hong Kong Stock Exchange			

Awards

Since the issuance of green bonds, ICBC has won **6** major awards as follows:

- **Green bond awards won by Luxembourg Branch**

<p>Received from <i>Finance Asia</i></p> <hr/> <p>The “Best Environmental, Social and Governance Deal” (Best ESG Deal) award¹ for 2017.</p>	<p>Received from <i>International Financing Review Asia (IFR Asia)</i></p> <hr/> <p>The “Best Socially Responsible Investing Bond” (Best SRI Bond) award² for 2017. The evaluation comments of which include “ICBC has created a precedent for other Chinese issuers in the integration of domestic and foreign green standards” and “while meeting the green standards of China and the world, the green framework of ICBC has dispelled the doubts of overseas investors over definitions related to the domestic green market”.</p>
<p>Awarded by <i>The Asset</i></p> <hr/> <p>“Best Green Bond”³ for 2017.</p>	<p>Received from <i>Environmental Finance</i>, a specialised green media in London</p> <hr/> <p>The “Award for Innovation in the Use of Proceeds from Green Bonds”⁴ for 2018.</p>
<p>Issued by <i>GlobalCapital</i></p> <hr/> <p>The “2018 Asia Pacific Green/SRI Bond Deal of the Year” award⁵.</p>	

1. <https://www.financeasia.com/News/441270,winners-emfinanceasiaems-achievement-awards-part-2.aspx>

2. <http://www.ifrasia.com/sri-bond/21320981.article>

3. <https://www.theasset.com/awards/regional-deals-2017-fixed-income>

4. <https://www.environmental-finance.com/content/awards/green-bond-awards-2018/winners/award-for-innovation-use-of-proceeds-icbc.html>

5. <http://www.globalcapital.com/article/b19tcwdcbrq2ks/sri-award-winners-2018-revealed>



- **Green bond awards won by London Branch**

Received from CBI

The “Largest Emerging Markets Certified Climate Bond in 2018” award⁶.





6. <https://cbi19.climatebonds.net/past-events/2019>

Management of Proceeds



Use of Proceeds

ICBC has established the Green Bond Framework (hereinafter referred to as the "Framework"), under which funds raised by ICBC through green bonds will be used for financing or refinancing eligible green assets making contribution to low-carbon environmental protection, sustainable economic development and climate change. The categories and examples of eligible green assets are shown in Table .

"Eligible Green Asset Categories" for ICBC	Description and Examples
	<p>Renewable Energy</p> <ul style="list-style-type: none"> • Generation and transmission of energy from renewable energy sources <p>Renewable energy sources include offshore and onshore wind, solar, tidal, hydropower subject to conditions, biomass and geothermal</p>
	<p>Low Carbon and Low Emission Transportation</p> <ul style="list-style-type: none"> • Low carbon or emission transportation assets, systems, infrastructure, components and services excluding any infrastructure or rolling stock assets used for the transport of fossil fuel products <p>Examples include rail tam, metro, bus rapid transit systems, electric vehicles</p>

In any case, the eligible green assets shall exclude the following categories:

- Fossil fuel related assets
- Large-scale hydropower plants
- Nuclear and nuclear-related assets

"Eligible Green Asset Categories" for ICBC	Description and Examples
	<p>Energy Efficiency</p> <ul style="list-style-type: none"> • Development of products or technology and their implementation that reduces energy consumption of underlying asset, technology, product or system(s) <p>Examples include LED lights, improved chillers, improved lighting technology, and reduced power usage in manufacturing operations</p> <ul style="list-style-type: none"> • Improved efficiency in the delivery of bulk energy services <p>Examples include district heating/ cooling systems, smart grids, energy recovery technology, and the storage, transmission and distribution of energy that results in reducedenergy losses</p>
	<p>Sustainable Water And Wastewater Management</p> <ul style="list-style-type: none"> • Water collection, treatment, recycling, re-use, technologies and related infrastructure <p>Examples include water pipes and collection facilities to collect water/rainwater, dams, treatment plant facilities</p>

Note: Assets in all eligible categories shall at least reach the threshold of relevant official standards of environmental impacts recognized in the local jurisdictions. In case of no official standards locally recognized, corresponding international standards shall apply.



Project Evaluation and Selection



Prior to the issuance

The Green Bond Working Group will review all proposed Eligible Green Assets to determine their compliance with the ICBC Green Bond Framework for approval as "Eligible Green Asset" and form an eligible green asset list (each "Eligible Green Asset", collectively the "Eligible Green Asset Lists"). In the Green Bond Working Group, representatives shall be nominated if they have environmental experience and knowledge. The experts with environmental experience and knowledge enjoy a veto power to the final decision on the selection. The assets vetoed by them shall be excluded from the Eligible Green Asset List.

Post-Issuance

Annually, the Green Bond Working Group will review the allocation of the proceeds to the Eligible Green Asset List and determine if any changes are necessary (for example, if a project has amortized, been prepaid, sold or otherwise become ineligible) and facilitate ongoing reporting.

The Green Bond Working Group will decide any necessary update of the Eligible Green Asset List (such as replacement, deletion, or addition of projects) to maintain the eligibility of the Use of Proceeds.

Management of Proceeds






Proceeds raised by the three green bonds issued by ICBC have been passed in full to the head office through Luxembourg Branch, London Branch and Hong Kong Branch, respectively, and are all used for the existing eligible green assets.

External assessment and certification

External assessment and certification on green bond framework

Item for certification	Certification standard	Certifying agency	Status of certification (report excerpts)
	<p>The Green Bond Principles of the International Capital Market Association (ICMA)</p>	<p>Center for International Climate Research (CICERO)</p>	<p>"Based on an overall assessment of the activities that will be financed by the green bond and the governance of the framework, ICBC's Green Bond Framework is awarded the Dark Green shading."</p>
2017 ICBC's green bond framework	<p>The Green Bond Framework of ICBC is in line with the Guiding Opinions on Building a Green Financial System (Yinfa [2016] No. 228) jointly issued by the People's Bank of China, the Ministry of Finance, the National Development and Reform Commission, the Ministry of Environmental Protection, the China Banking Regulatory Commission, the China Securities Regulatory Commission, and the China Insurance Regulatory Commission, as well as the Catalogue of Projects Supported by Green Bonds issued by the People's Bank of China</p>	<p>Zhongcai Green Financing Consultant Ltd.</p>	<p>"We are of the view that:</p> <ol style="list-style-type: none"> 1. The direction of the use of proceeds and the categories of assets for application in the Green Bond Framework are in line with the standards of The Green Bond Principles 2017 of the International Capital Market Association (ICMA); and in line with the Catalogue of Projects Supported by Green Bonds (2015 Edition). 2. The Green Bond Framework has established a scientific assets evaluation and selection process, capable of selecting eligible green assets if it is implemented effectively. 3. The Green Bond Framework has developed a comprehensive plan for the follow-up management of proceeds, capable of ensuring that the proceeds are used for eligible green assets if it is implemented effectively. 4. The Green Bond Framework has established a clear plan for the disclosure of green bond information. If it is effectively implemented, it can ensure effective disclosure of green bond information."

External assessment and certification on Issuance

Item for certification	Certification standard	Certifying agency	Status of certification (report excerpts)
Green bonds 2017 Luxembourg branch	 Climate Bonds Standardw	 Climate Bonds Initiative (CBI)	<p>"On 26 September 2017, in view of the application documents and verification reports provided by the applicant, the Climate Bonds Standard Committee agrees to grant "Climate Bond Certified" to the first climate bond to be issued under the EMTN of the applicant Luxembourg Branch of ICBC."</p> <p>"On 11 October 2018, in view of the application documents and verification reports provided by the applicant, the Climate Bonds Standard Committee agrees to grant "Post-issuance Certification" to the "Belt and Road" climate bond, equivalent to US\$2.15 billion, issued under the EMTN of the applicant Luxembourg Branch of ICBC in September 2017."</p>
Green bonds 2018 London branch	 Climate Bonds Standardw	 Climate Bonds Initiative (CBI)	<p>"On 28 May 2018, in view of the application documents provided by the applicant, the Climate Bonds Standard Committee agrees to grant "Climate Bond Certified" to the green bond issued by London Branch of ICBC."</p> <p>On 4 June 2019, in view of the application documents provided by the applicant, the Climate Bonds Standard Committee agrees to grant "Post-issuance Certification" to the green bonds issued by ICBC London Branch.</p>
Green bonds 2018 ICBC Asia	Green Finance Certification Scheme requirements	 Hong Kong Quality Assurance Agency (HKQAA)	<p>"Hong Kong Quality Assurance Agency has proved that the three-year floating-rate US dollar green bond, the five-year floating-rate US dollar green bond and the two-year fixed-rate HK dollar green bond to be issued by Industrial and Commercial Bank of China (Asia) Limited are in line with the requirements of the Green Finance Certification Scheme and are applicable to the pre-issuance phase and the post-issuance phase."</p>

THREE

Use of Proceeds

The three green bonds issued by ICBC raised a total of US\$4.48 billion, mainly used in supporting refinancing of the renewable energy industry and the low carbon and low emission transportation industries.

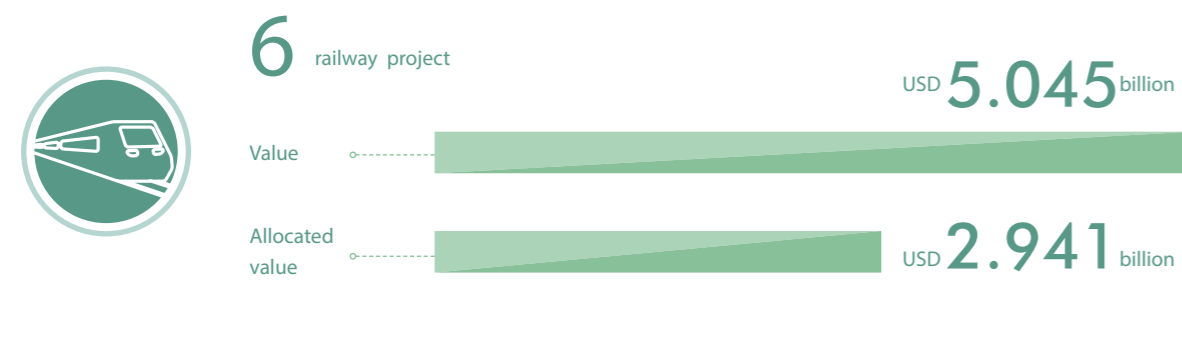
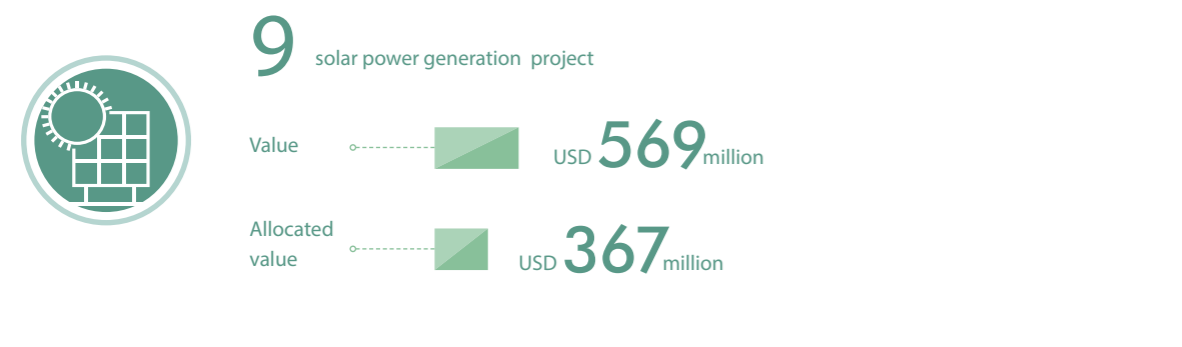
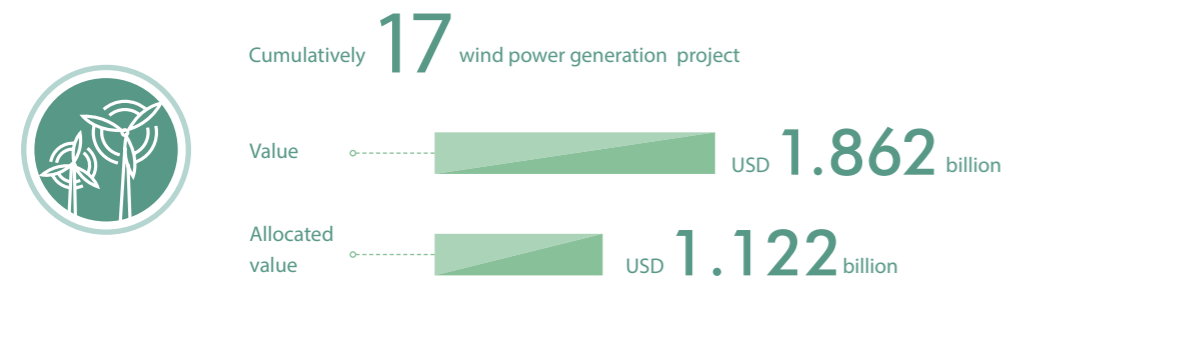
The three green bonds issued by ICBC raised a total of US\$

4.48 billion



Breakdown by Sector

The Eligible Green Assets funded fall into two categories, namely renewable energy (wind and solar) and clean transportation (railway and metro).



Breakdown by Category

Issuer	Asset Categories	No. of projects	Value (US\$ million)	Amount of proceeds allocated (US\$ million)	Proceeds from green bonds as a percentage of the project value (%)	
Luxembourg Branch	Renewable energy					
	Wind power	4	508	371	73.03	
	Solar power	6	286	258	90.21	
	Low carbon and low emission transportation	Railway	2	2040	1521	74.56
Total		12	2834	2150	75.86	
London Branch	Renewable energy					
	Wind power	13	1354	751	55.47	
	Solar power	3	283	109	38.52	
	Low carbon and low emission transportation	Railway	3	2051	740	36.08
Total		19	3688	1600	43.38	
ICBC Asia	Low carbon and low emission transportation	Metro	1	50	50	100.00
	Railway	1	954	680	71.28	
Total		2	1004	730	72.71	

Note: 1. All amounts are in US dollar.
2. The value refers to loan balance of ICBC share in the project.

The Eligible Green Assets funded is located in many countries and regions in and outside China.

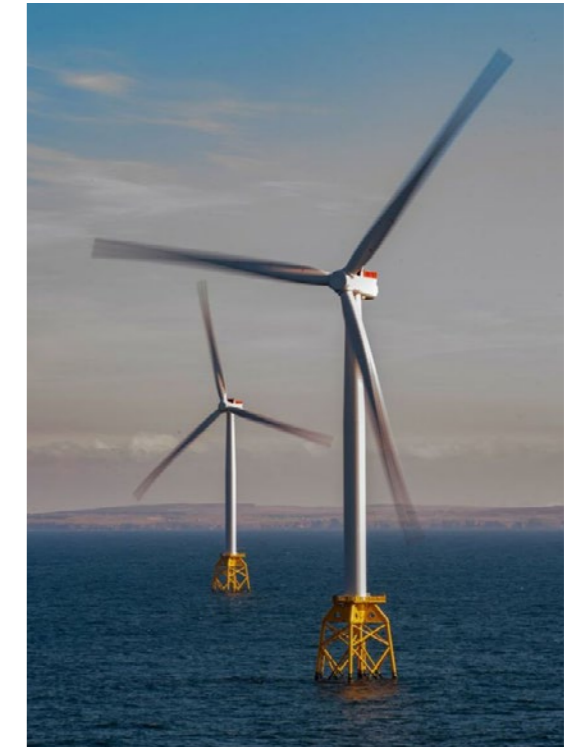
Breakdown by Region

Issuer	Countries and regions		No. of projects	Value (US\$ million)	Amount of proceeds allocated (US\$ million)
Luxembourg Branch	Outside China	Morocco	1	132	132
		Thailand	3	11	11
	Within China	Northwest	3	370	276
		East	3	281	210
		Central South	1	644	480
		Southwest	1	1396	1041
Total			12	2834	2150
London Branch	Outside China	UK	1	54	50
		Pakistan	1	75	55
	Within China	Northwest	9	1016	530
		Northeast	2	218	100
		North	1	114	64
		East	1	88	32
		Central South	3	1402	539
		Southwest	1	721	230
Total			19	3688	1600
ICBC Asia	Outside China	Australia	1	50	50
	Within China	Northeast	1	954	680
Total			2	1004	730

Note: 1. All amounts are in US dollar.
2. The value refers to loan balance of ICBC share in the project.

Observation of Environmental Accident or Breach

There have been **no** environmental defaults, breaches or alerts in the Eligible Green Assets selected as use of proceeds by the end of 2018. **No** project has expired or been replaced.



Environmental Impacts

Overall environmental benefits

The 3 green bonds issued helped to reduce a total CO₂ emission of 11,324,703 tons/year, including 8,040,170 tons/year by renewable energy projects, and 3,284,533 tons/year by low carbon and low emission transportation projects.

Environmental benefits

Issuer	Type of project	Key impact indicators
Luxembourg Branch	Renewable energy projects	Total installed capacity(MW): 1,100 Annual generation capacity(MWh): 2,538,800 Carbon emission reduction: 2,075,469
		Total installed capacity(MW): 406 Annual generation capacity(MWh): 983,371 Carbon emission reduction (tons): 644,968
	Low carbon and low emission transportation projects	Annual number of passengers transported (10,000 people): 1,367 Annual volume of goods transported (10,000 tons): 1,907 Carbon emission reduction (tons): 1,465,998
Total: Carbon emission reduction (tons)		4,186,435



Environmental benefits

Issuer	Type of project	Key impact indicators
London Branch	Renewable energy projects	Total installed capacity(MW): 2,934 Annual generation capacity(MWh): 7,197,754 Carbon emission reduction (tons): 4,693,508
		Total installed capacity (MW): 550 Annual generation capacity (MWh): 818,859 Carbon emission reduction (tons): 626,225
	Low carbon and low emission transportation projects	Annual number of passengers transported (10,000 people): 4,312 Carbon emission reduction (tons): 1,591,813
Total: Carbon emission reduction (tons)		6,911,546
ICBC Asia	Metro	Carbon emission reduction (tons): 2,129
	Railway	Annual number of passengers transported (10,000 people): 956 Carbon emission reduction (tons): 224,593
Total: Carbon emission reduction (tons)		226,722

Note: 1. For renewable energy projects, impacts are calculated following the EIB Carbon Footprint Methodology. http://www.eib.org/attachments/strategies/eib_project_carbon_footprint_methodologies_en.pdf
 2. For low-carbon low-emission transportation projects, impacts are calculated following the index for railway sector in PRC in IEA-UIC Energy and CO₂ Railway Handbook. (https://uic.org/IMG/pdf/handbook_iaea-uic_2017_web3.pdf) and EIB CO₂ evaluation method

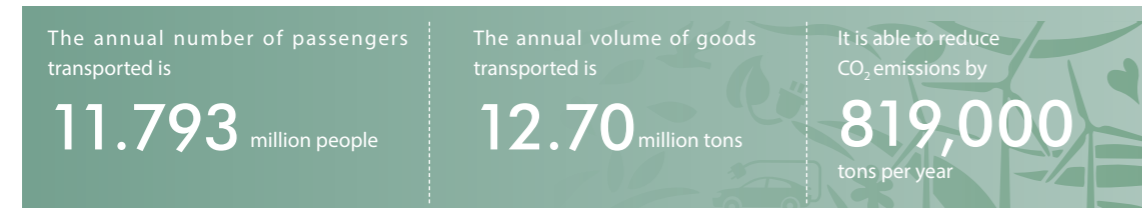
Typical green project case analysis



Case One

Low carbon and low emission transportation project – rail transportation

The project is a railway construction project with a mainline length of 350.85 kilometers and a full-line operating length of 361.30 kilometers. Railway grade: level 1; traction: electricity; designed speed: 200.00km/h. The project can shorten the journey time from Guilin to Liuzhou from over two hours to one hour. The annual number of passengers transported is 11.793 million people, and the annual volume of goods transported is 12.7 million tons. It is able to reduce CO₂ emissions by 819,000 tons per year. The construction of the project can effectively resolve the issue of the need for a fast and large-capacity passage in the surrounding areas, alleviating the intensive conflicts stemming from the north-south transportation capacity, and playing an important role in promoting the rapid development of the local economy and participating in the international economic competition in the Asia-Pacific region.



Case Two

Renewable energy project – wind power generation

The project is an offshore wind power project located on the east coast of Scotland with a maximum depth of more than 56 meters and a maximum height of 188 meters at the tip of the offshore wind turbines. It took altogether three years from the start of construction to the completion of installation of all offshore wind turbines, of which, the onshore section began in May 2016 and the offshore section began in April 2017. The first wind turbine was installed and connected to the grid in July 2018, and the last wind turbine was installed on 14 May 2019. After the entire project is officially put into operation, the power generated may meet the electricity demand of about 450,000 local households. With a total installed capacity of 588 MW, the project can provide about 2,526,300 MWh of clean electricity per year. It can reduce CO₂ emissions by about 1,136,200 tons per year and other gaseous atmospheric pollutants such as dihydrogen sulphide, nitrogen oxides and soot.



Case Three

Low carbon and low emission transportation projects – Metro

The metro project is located in Melbourne, Australia, and is funded by the Victorian Government and managed by the Melbourne Metro Rail Authority. The project includes side-by-side railway tunnels from Kensington to South Yarra, covering five metro stations with a total length of nine kilometres. Electric traction is used. The project connects the original Cranbourne/Pakenham line to the Sunbury line to form the new Sunshine- Dandenong line. The project is expected to reduce CO₂ emissions by 2,129 tons per year. The project plays an important role in improving the railway network in the urban areas of Melbourne, expanding the public transport network of Melbourne and consolidating the status of Melbourne as one of the world's most liveable cities.



Disclosure and Reporting

ICBC undertakes to publish the Annual Green Bond Report to provide information on the allocation of funds and the impact of projects.

This report is an annual report covering the period from 1 January 2018 to 31 December 2018. Some of the contents may go beyond this period.

The Annual Green Bond Report will be updated on a yearly basis and will be published on www.icbc-ltd.com, the global official website of ICBC. In addition, ICBC will disclose relevant content through other feasible channels, such as annual reports and corporate social responsibility reports. These reports will also be published on www.icbc-ltd.com.

ICBC has engaged Beijing Zhongcai Green Financing Consultant Ltd. to give external assurance for this report.

