

China's Leading Green Fintech Products

A Brief Introduction

2022.4.20



Presentation Outline



Background



Global Alignment on Green Development



• Extreme weather and climate change are increasingly making negative impacts on human society and economic development and threaten the achievement of SDGs.

• To mitigate and adapt to the impacts of climate change, in 2015, parties at COP 21 entered into the Paris Agreement. The Agreement includes commitments from all countries and sets out a goal to hold global average temperature increase to well below 2°C.





- On 22 Sep 2020, during his UN General Assembly address, President Xi Jinping declared that "with stronger policies and interventions, China will enhance its commitment to cut emissions and strive to peak carbon emissions before 2030 and achieve carbon neutrality before 2060."
- Over the next 30 years, China's green investment to achieve carbon neutrality by 2060 is estimated to be at a massive 100 trillion RMB, or even several hundreds trillions, which will create huge opportunity for the development of green finance.



The efficient and constantly upgradable engine allows for identification against multiple standards at the same time, which effectively lowers the operational capacity required and enhances the accuracy and efficiency of the green identification.

Application	Issued by	Standards/Criteria				
	NDRC	Green Industry Guiding Catalogue (2019)				
	РВОС	The Specific Statistical System for Green Loans (2020)				
	CRIPC	The Statistic System for Green Finance (2013)				
National	CBIRC	The Statistic System for Green Finance (2020)				
	DROC	Green Bond Endorsed Project Catalogue (2015)				
	PBOC	Green Bond Endorsed Project Catalogue (2021)				
	NBS	Classification of Strategic Emerging Industries (2018)				
International	European Commission	EU Taxonomy Climate Delegated Act				
Local	xx province/city	xx Green Standard of xxx Province/City				



The intelligent green identification engine developed by UNI INCLUSIVE screens manually entered project information against various green standards that is applicable, incl. national and local ones, and automatically points out the potential alignment with the standards, assisting business teams to explore opportunities in green investment.



Assessment of Environmental Benefits – Embedded in 118 Professional Models Built on Calculation Methods Recommended by CBIRC



Based on CBIRC's well-recognized environmental benefit assessment criteria and methods for green projects, a group of
professional and robust models are developed to estimate project-related environmental benefits. The models are
regularly calibrated with monitoring data of selected parameters.



Assessment of Environmental Benefits – An Example



Project background: The CHP (combined heat and power generation) project not only has economic benefits but also demonstrated environmental and social benefits, which allow the project to be eligible for The Statistic System for Green Finance issued by CBIRC.





GHG Accounting for Financial Institutions

- At the Agency Level, and for Non-Project and Project Financing Operations

- Technical Guidance on GHG Accounting for Financial Institutions (for trial), issued by the research bureau of PBOC in July 2021, offers financial institutions tools for GHG accounting and reporting for their own operations and financing activities.
- Based on the Guidance, a specialized model for GHG accounting has been developed with embedded formulars and emission factor database, to enable a rapid and precise accounting.





GHG Accounting for Financial Institutions – An Example



• Borrower/corporate GHG accounting, data entry page

Select methods to be used:	data available	nsumption	data of the year availab	le				
Pirect emissions——from o	consuming fossil f	uels			±	Upload from file	12	
Coals	Oils		Gases		Others			
Anthracite coal:	Gaso line:		Natural gas:		Coke			
12,132.23 ton	- enter	ton	- enter	ton	12,132.23	ton		
Bitumastic coal:	Crudeoil:		LNG:		Petroleum coke:			
- enter ton	- enter	ton	- enter	ton	- enter	ton		
O Another 4 types	0	Another 4 types	0	nother 6 types	(A	nother 2 types		
Purchased thermal	🖬 Uploa	ad from file	Purchased electricit	y	🏝 Upload	from file		*****
Purchased thermal:			Purchased electricit	y:				
12,132.23		GJ	- enter			MWh		
La hi an anna chuir	w areas		Reminder: The according to it	corporate is ser s address.	ved by xx power grid,			
Don't know now? Iry to fill belo								
Purchased steam:		ton						
Purchased steam: 12,132.23								
Purchased steam: 12,132.23 Purchased hot wat er:								
Upin t show now r inv to fill beo Purchased steam: 12,132.23 Purchased hot wat er: - enter		ton						
Joint know how rink to fill be of the set of the s		ton					1	
Purchased steam: 12,132.23 Purchased hot wat er: - enter Areas with heating: - enter		ton m2					1	

• Borrower/corporate GHG accounting, results

Nam	e of project		XXXXX Ltd.	Project_ID:		192837	373737373739
Stat	15:		XXXXXX	Project typ	e.		XXXXXX
Fina	nced sector		XXXXXX	Green proj	ect:		Yes
Year	ofaccounting		2020年	Averagefin	ancin ga mount pe	r month:	1,000.00 万元
* Tota	annual investment of the	project	2,234.76 万元 10,000 Yuan.				10,000 Yuan
Į.	Financed total 54,323.23	emissions tCO ₈			Financed 4,323	totalemission re .23 tCO ₂	duction
		Borrower's en	nissions with detail	Borrower's e with details	mission reduction		
		bon	al emissions of rower	^{the} 2,3	58.27 tco;	2	
D	irect emissions——fr	om consumi	ng fossil fuels				
Coals		Oils		Gases		Others	
Anthracite	coal: 2,132.23 tCO ₂	Gasoline:	2,132.23 tCO2	Natural gas:	2,132.23 tco ₂	Coke:	2,132.23 tCO
Bitumastic	coal: 2,132.23 tCOa	Crudeoil:	2,132.23 tCO ₂	LNG:	2,132.23 tCO2	Petroleum coke:	2,132.23 tco
Et in	direct emissions——	purchased e	electricity / then	mal			
Purch	ised thermal			Purchased elec	ttricity		
	Purchased thermal:		2,132.23 tCO ₂ Purchased electricity:			2,132.23 tCO ₂	
Purcha							

Whole Process Green Finance Management









Fintech Service Platform Swiftly Enables Green Finance









FI GHG Accounting – Visualized Homepage







THANK YOU.

Bring us your problems, let's find a solution together!

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