



GEF7: Green and Carbon Neutral Cities (P173316)

EAST ASIA AND PACIFIC | China | IBRD/IDA | Investment Project Financing (IPF) | FY 2022 | Seq No: 5 | Archived on 23-May-2024 | ISR00344

Implementing Agencies: China Center for Urban Development, City of Chengdu, City of Chongqing, City of Ningbo

1. OBJECTIVE

1.1 Development Objective

Original Development Objective (Approved as part of Approval package on 12-May-2022)

The objective is to integrate biodiversity conservation in participating cities' urban development and establish their pathway to carbon neutrality.

Has the Development Objective been changed since Board Approval of the Project Objective?

No

2. COMPONENTS

Name

1. Strengthen the high-quality development framework with the focus on promoting ecological and biodiversity conservation, and carbon neutrality:(Cost 4,000,000,000,000.00)

2. Support integrated solutions to biodiversity and climate change - planning for and investing in "nature" and carbon neutrality:(Cost 19,780,000,000,000.00)

3. Support knowledge sharing, capacity building, and project management:(Cost 3,129,050,000,000.00)

3. OVERALL RATINGS

Name	Previous	Current
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Substantial	● Substantial



4. KEY ISSUES & STATUS

4.1 Implementation Status and Key Decisions

The World Bank Board approved the project on May 13, 2022 and it became effective on September 7 of the same year. The project is implemented by the China Center for Urban Development and the cities of Ningbo, Chongqing, and Chengdu. The project has made good progress toward achieving its development objective to integrate biodiversity conservation in participating cities' urban development and establish their pathway to carbon neutrality. Project management offices have been established by the three cities to manage the project, and the China Center for Urban Development and the three city project management offices are in the process of preparing terms of reference for and contracting their respective technical assistance activities.

5. SYSTEMATIC OPERATIONS RISK-RATING TOOL

Risk Category	Rating at Approval Approval Package - 13 May 2022	Last Approved Rating ISR Seq. 04 - 13 Dec 2023	Proposed Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Low	● Low	● Low
Sector Strategies and Policies	● Low	● Low	● Low
Technical Design of Project or Program	● Substantial	● Substantial	● Substantial
Institutional Capacity for Implementation and Sustainability	● Moderate	● Moderate	● Moderate
Fiduciary	● Moderate	● Moderate	● Moderate
Environment and Social	● Substantial	● Substantial	● Substantial
Stakeholders	● Moderate	● Moderate	● Moderate
Other	●	● Low	● Low
Overall	● Substantial	● Substantial	● Substantial



6. RESULTS

6.1 PDO Indicators by PDO Outcomes

incorporate biodiversity conservation and carbon neutrality considerations in participating cities								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Cities using ecological conservation and low carbon development indicators in the performance evaluation of 14th Five-Year Plan (#) (Number)	0.00	Mar/2022	0.00	28-Mar-2024	0.00	28-Mar-2024	3.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. The indicators to be developed are intended to measure ecological conservation and carbon neutral development in the context of transitioning towards high-quality economic growth. These indicators can include, but are not limited to, the following topics: (i) green economy; (ii) environment and ecological conservation (iii) spatial planning and compact urban form; (iv) carbon neutrality footprint; and (iv) green industry. This will include creating indicators and standardizing a methodology for data collection, measurement, monitoring and evaluation.					
Biodiversity strategy promulgated by the responsible local government agency through a relevant local government decree (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	3.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. Each of the three cities has targeted territories on which the biodiversity strategy will focus. The city biodiversity index strategy encouraged by the Convention on Biodiversity (CBD) will be the basis for the formulation of the biodiversity strategy. The targeted territories include Ningbo, Bishan in Chongqing, and wetlands in Chengdu. The Chongqing-Chengdu cluster is excluded because it will not have a full strategy but guidelines different than the outputs of each of the cities.					
Cities that set time bound GHG emissions targets and investment priorities toward carbon neutrality in their roadmaps (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	3.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. The targets are carbon dioxide emissions targets that should be in a downward trajectory to support the national carbon neutrality goal. These emissions targets should be set within a city carbon neutrality roadmap. The targets should be carefully					



		calculated with a consistent methodology across all three cities. This indicator is measured by number of cities.
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6.2 Intermediate Results Indicators by Components

1. Strengthen the high-quality development framework with the focus on promoting ecological and biodiversity conservation, and carbon neutrality								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
Ecological conservation and carbon neutral development indicators developed (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	10.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. As outlined in PDO indicator 1, the indicators to be developed are intended to measure ecological conservation and carbon neutral development in the context of transitioning towards high-quality economic growth. This indicator is measured by the number of indicators developed in total.					
Data-sharing platforms established or strengthened (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	3.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. Each of the three cities has targeted territories on which the biodiversity strategy will focus. The city biodiversity index strategy encouraged by the Convention on Biodiversity (CBD) will be the basis for the formulation of the biodiversity strategy. The targeted territories include: Ningbo, Bishan in Chongqing, and wetlands in Chengdu. The Chongqing-Chengdu cluster is excluded because it will not have a full strategy but guidelines, different than the outputs of each of the cities.					
2. Support integrated solutions to biodiversity and climate change - planning for and investing in “nature” and carbon neutrality								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	100.00	Jun/2027



Inventory of natural assets and ecosystem services established in the targeted territories (%) (Percentage)	Comments on achieving targets		Result as planned for Year 1. An inventory of natural assets includes documenting blue and green assets as well as their associated ecosystem services in the selected territories. This is a process indicator measured by percent. 100% reflects that all data and information are properly recorded and indexed for all selected territories.					
Biodiversity strategy prepared for the selected territories (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	3.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. The city biodiversity index strategy encouraged by the Convention on Biodiversity (CBD) will be the basis for the formulation of the biodiversity strategy. The targeted territories include: Ningbo, Bishan in Chongqing, and wetlands in Chengdu. The Chongqing-Chengdu cluster is excluded because it will not have a full strategy but guidelines, different than the outputs of each of the cities. This indicator is measured by number of strategies prepared. The final target aims for 3 strategies.					
Design options for investing in nature-based solutions implemented for selected demonstration sites (Y/N) (Yes/No)	No	Mar/2022	No	29-Mar-2024	No	29-Mar-2024	Yes	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. Nature-based solution options are potential natural infrastructure interventions that can be in the form of large or small-scale pilot projects on demonstration sites.					
Options for gender consideration identified in the demonstration sites for nature-based solutions (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	6.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. The pilot activities under Component 2 will incorporate considerations of gender-friendly design options in the investment for nature-based solutions. This indicator is measured in number of options identified in each demonstration site.					
Options for green financing modality identified (Y/N) (Yes/No)	No	Mar/2022	No	29-Mar-2024	No	29-Mar-2024	Yes	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. The project supports developing an enabling environment in order for the private sector to enter and “invest in nature.” More specifically, getting the private sector to invest in green infrastructure, biodiversity, ecoservices, and ecological restoration in select cities and sites will require different green financing modalities. Options to support these investments will be researched.					



Carbon neutrality roadmaps completed (#) (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	3.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. Baseline analysis for the roadmap is one of the initial important steps towards developing a full carbon neutrality roadmap. The carbon neutrality roadmaps are a detailed plan to support the national carbon neutrality goal. These roadmaps should provide a timeline of specific tasks and milestones towards this goal and be specific in terms of terms of the amount of emissions and the alternative energy sources to make up for the decreasing use of fossil fuels and other related energy sources. This indicator is measured by the number of roadmaps completed in project cities. The final target aims for a total of 3, one of each city.					
Carbon neutral design options for investing in urban regeneration demonstration sites implemented (Y/N) (Yes/No)	No	Jul/2021	No	29-Mar-2024	No	29-Mar-2024	Yes	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. This indicator is measured by the implementation of urban regeneration options that incorporate carbon neutral development. Carbon neutral development in urban regeneration examples including strategies that align with keeping a compact street and road network, sustainable urban mobility infrastructure such as biking and walking lanes and other planned interventions that relate to carbon mitigation.					
Options for gender consideration identified in the urban regeneration sites (Number)	0.00	Mar/2022	0.00	29-Mar-2024	0.00	29-Mar-2024	6.00	Jun/2027
	Comments on achieving targets		Result as planned for Year 1. The pilot activities under Component 2 will incorporate considerations of gender-friendly design options in the investment for urban regenerations. The indicator is measured in number of gender considerations identified in each site.					
3. Support knowledge sharing, capacity building, and project management								
Indicator Name	Baseline		Actual (Previous)		Actual (Current)		Closing Period	
	Value	Month/Year	Value	Date	Value	Date	Value	Month/Year
	0.00	Mar/2022	14.00	29-Mar-2024	14.00	29-Mar-2024	50.00	Jun/2027

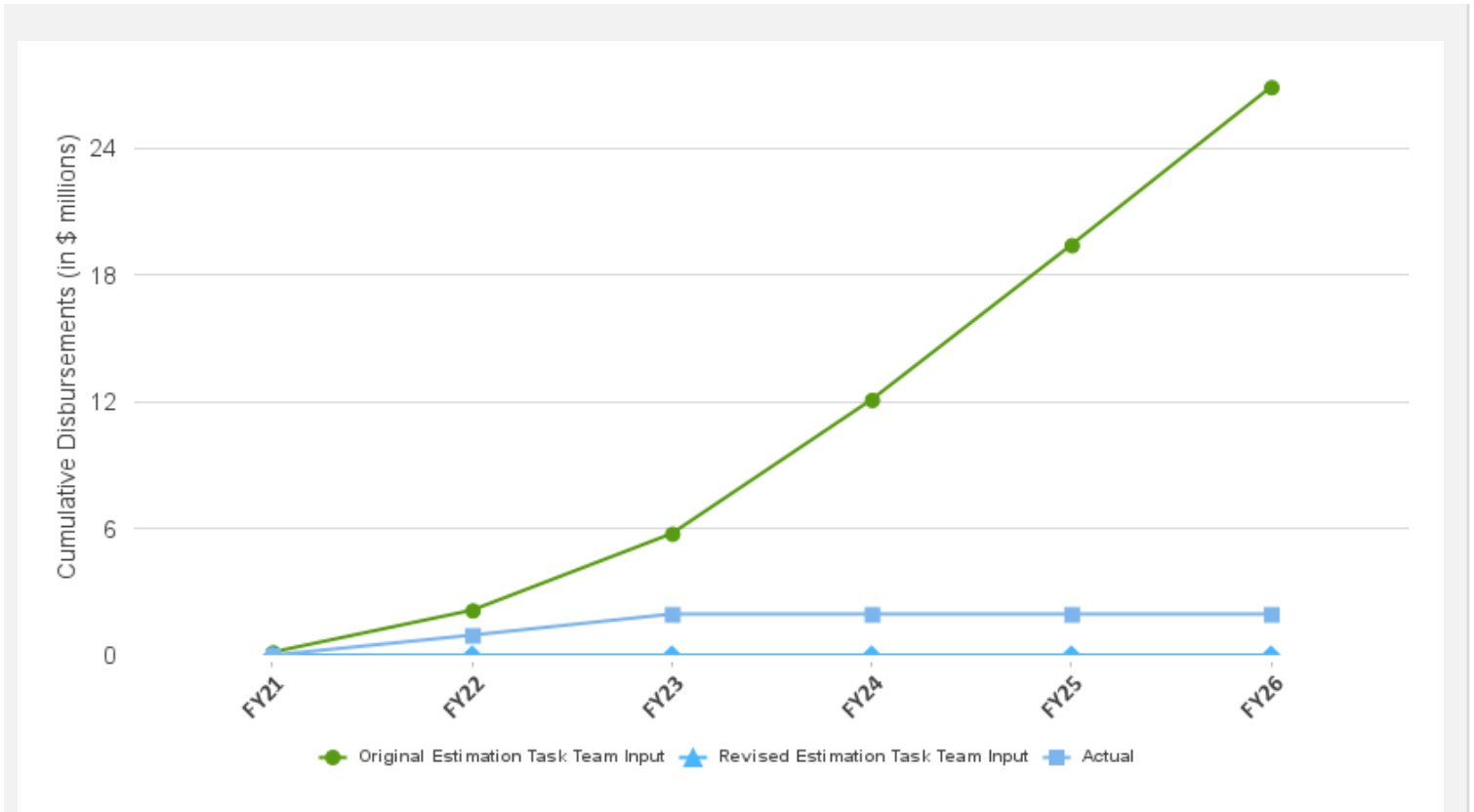


<p>Cities in China and other countries participating in knowledge exchange activities on urban sustainability (#) (Number)</p>	<p>Comments on achieving targets</p>		<p>Result as planned for Year 1. 14 cities (Beijing, Tianjin, Shijiazhuang, Ningbo, Chengdu, Chongqing, Wuhan, Nanchang, Guiyang, Shanghai, Guangzhou, Shenzhen, Yingtan, and Haikou) participated in the first annual workshop. The indicator measures the number of Chinese and international cities participating in related knowledge exchange activities. The overall indicator measures the total number of cities, while the sub-indicator measures the number of cities that consistently participate in reoccurring events.</p>					
<p>– of which cities participating in recurring events (#) (Number)</p>	<p>0.00</p>		<p>0.00</p>		<p>0.00</p>		<p>40.00</p>	
<p>Trainings and workshops (#) (Number)</p>	<p>0.00</p>	<p>Mar/2022</p>	<p>1.00</p>	<p>29-Mar-2024</p>	<p>1.00</p>	<p>29-Mar-2024</p>	<p>12.00</p>	<p>Jun/2027</p>
<p>Policy dialogue events between cities and relevant national ministries (#) (Number)</p>	<p>0.00</p>	<p>Mar/2022</p>	<p>0.00</p>	<p>29-Mar-2024</p>	<p>0.00</p>	<p>29-Mar-2024</p>	<p>10.00</p>	<p>Jun/2027</p>
	<p>Comments on achieving targets</p>		<p>The sub-indicator measures the number of cities who consistently participate in reoccurring events.</p>					
	<p>Comments on achieving targets</p>		<p>Result as planned for Year 1. The first annual workshop of the China Sustainable Cities Platform (CSCP) of the project was organized in Guangzhou from November 7 to 10, 2023. This indicator measures the number of trainings and workshops by City PMOs</p>					
	<p>Comments on achieving targets</p>		<p>Result as planned for Year 1. This indicator measures the number of policy dialogue events between cities and ministries of the government of China.</p>					



7. DATA ON FINANCIAL PERFORMANCE

7.1 Cumulative Disbursements



7.2 Disbursements (by loan)

Loan/Credit/TF	Status	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
TF-B8386	Effective	26.91	26.91	0.00	1.95	24.96	7.25%

7.3 Key Dates (by loan)

Loan/Credit/TF	Status	Approval	Signing	Effectiveness	Orig. Closing	Rev. Closing
TF-B8386	Effective	13-May-2022	28-Jun-2022	07-Sept-2022	30-Jun-2027	30-Jun-2027

8. KEY DATES



Key Events	Planned	Actual
Approval	13-May-2022	13-May-2022
Effectiveness	07-Sept-2022	07-Sept-2022
Mid-Term Review No. 01	30-Mar-2025	
Operation Closing/Cancellation	30-Jun-2027	

9. RESTRUCTURING HISTORY

10. ASSOCIATED OPERATION(S)

There are no associated operations