



GEF7: Green and Carbon Neutral Cities (P173316)

EAST ASIA AND PACIFIC | China | Urban, Resilience and Land Global Practice |
Global Environment Project | Investment Project Financing | FY 2022 | Seq No: 2 | ARCHIVED on 30-Mar-2023 | ISR55552 |

Implementing Agencies: China Center for Urban Development, City of Chengdu, City of Chongqing, City of Ningbo, People's republic of China

Key Dates**Key Project Dates**

Bank Approval Date: 13-May-2022

Effectiveness Date: 07-Sep-2022

Planned Mid Term Review Date: 31-Dec-2024

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2027

Revised Closing Date: 30-Jun-2027

Project Development Objective (PDO)

Project Development Objective (from Project Appraisal Document)

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

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

No

Components Table

Name
1. Strengthen the high-quality development framework with the focus on promoting ecological and biodiversity conservation, and carbon neutrality:(Cost \$4000000.00 M)
2. Support integrated solutions to biodiversity and climate change - planning for and investing in "nature" and carbon neutrality:(Cost \$19780000.00 M)
3. Support knowledge sharing, capacity building, and project management:(Cost \$3129050.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

Implementation Status and Key Decisions

The Board approved this project on May 13, 2022. The Project became effective on September 7 and is at a very early stage of implementation. China Center for Urban Development and City PMOs have drafted their annual work plans.

**Risks****Systematic Operations Risk-rating Tool**

Risk Category	Rating at Approval	Previous Rating	Current 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	--	--	□ Moderate
Overall	□ Substantial	□ Substantial	□ Substantial

Results**PDO Indicators by Objectives / Outcomes**

incorporate biodiversity conservation and carbon neutrality considerations in participating cities				
► Cities using ecological conservation and low carbon development indicators in the performance evaluation of 14th Five-Year Plan (#) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	<p>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 number of cities. In the existing government performance management system, current indicators primarily focus on traditional economic performance. As of recent, environmental indicators were added to align with “ecological civilization,” but they remain conventional, including indicators for air quality, energy intensity, and area of green space. Indicators that drive systematic changes in urban spatial planning, ecosystem service management, biodiversity, and industry decarbonization development have not yet been incorporated. Thus these indicators to be developed are intended to better capture and measure success towards the transition towards high quality growth within “ecological civilization. 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. Currently, some indicators exist to guide the planning and implementation towards high quality growth, but this effort is to make a more comprehensive list. This will include creating indicators and standardizing a methodology for data collection, measurement, monitoring and evaluation.</p>			
► Biodiversity strategy promulgated by the responsible local government agency through a relevant local government decree (#) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	3.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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.			

Intermediate Results Indicators by Components

Strengthen the framework on promoting ecological, biodiversity conservation, and carbon neutrality				
► Ecological conservation and carbon neutral development indicators developed (#) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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. There final target aims for at least a total of 10 indicators.			
► Data-sharing platforms established or strengthened (#) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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.			
Support integrated solutions to biodiversity and climate change				
► Inventory of natural assets and ecosystem services established in the targeted territories (%) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00



Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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.			
► Biodiversity strategy prepared for the selected territories (#) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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. This indicator is measured in number of options.			
► Options for gender consideration identified in the demonstration sites for nature-based solutions (#) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	The pilot activities under Components 2 will incorporate considerations of gender-friendly design options in the investment for nature-based solutions. This indicator is measured in number of options.			
► Options for green financing modality identified (Y/N) (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	The project supports developing an enabling environment in order for the private sector to enter and "invest in nature." More specifically, getting 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, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	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 baseline analyses completed. The final target aims for a total of 3 baseline analyses, one of each city.			
	► Carbon neutral design options for investing in urban regeneration demonstration sites implemented (Y/N) (Yes/No, Custom)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jul-2021	31-Aug-2022	31-Aug-2022	30-Jun-2026
Comments:	This indicator is measured by the number 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. This indicator is measured by number of options.			
	► Options for gender consideration identified in the urban regeneration sites (Number, Custom)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	The pilot activities under Components 3 will incorporate considerations of gender-friendly design options in the investment for urban regenerations. The indicator is measured in number of options identified.			
Knowledge sharing, capacity building, and project management				
	► Cities in China and other countries participating in knowledge exchange activities on urban sustainability (#) (Number, Custom)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	Knowledge exchange activities are part of the program. The indicator measures the number of Chinese and international cities who participate in the related knowledge exchange activities. The overall indicator measures the total number of cities, while the sub-indicator measures the number of cities who consistently participate in reoccurring events.			
	<input type="checkbox"/> – of which cities participating in recurring events (#) (Number, Custom Supplement)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
	► Trainings and workshops (#) (Number, Custom)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12.00
Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	Trainings and workshops are part of the larger group of activities. This indicator measures the number of trainings and workshops.			
	► Policy dialogue events between cities and relevant national ministries (#) (Number, Custom)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00



Date	31-Mar-2022	31-Aug-2022	31-Aug-2022	30-Jun-2027
Comments:	Policy dialogue with the government of China is a part of the program and long-term impact. This indicator measures the number of policy dialogue events between cities and ministries of the government of China.			

Performance-Based Conditions

Data on Financial Performance

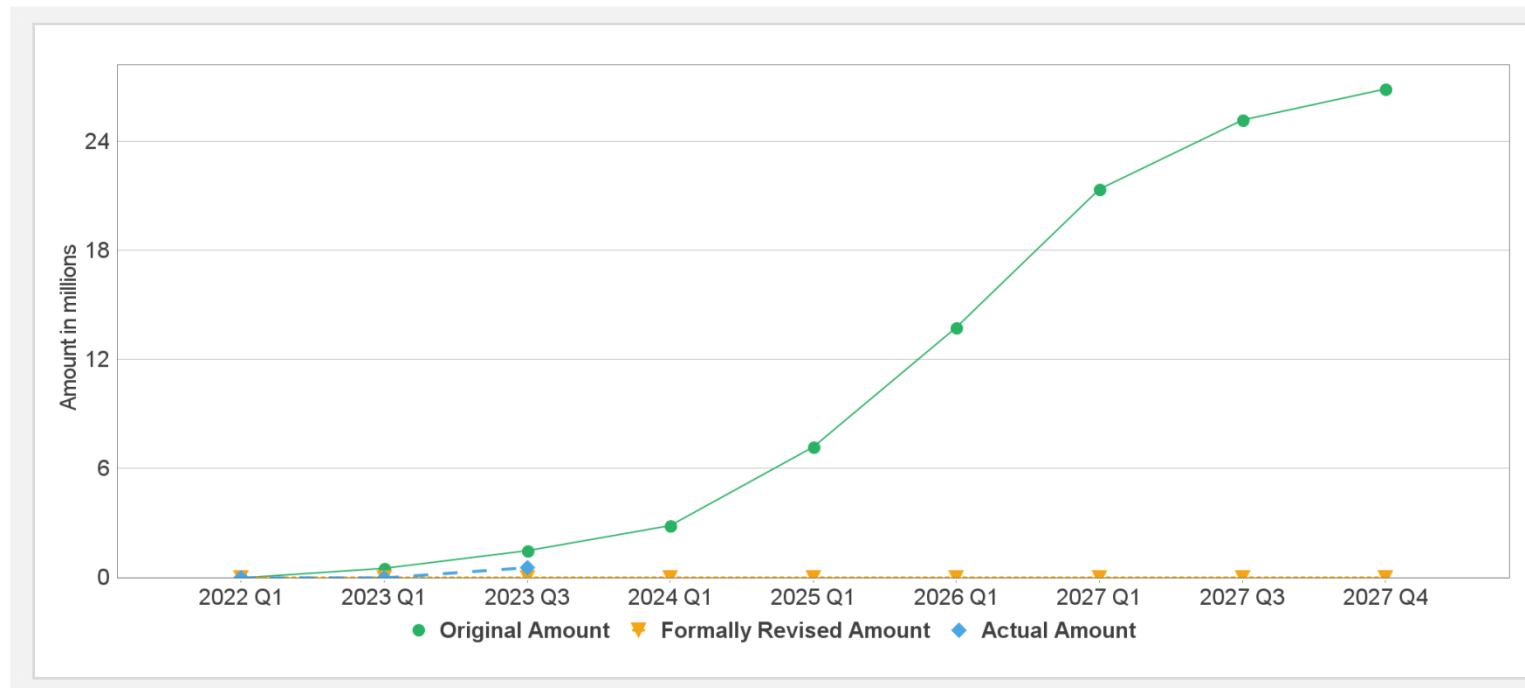
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P173316	TF-B8386	Effective	USD	26.91	26.91	0.00	0.55	26.36	2%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P173316	TF-B8386	Effective	13-May-2022	28-Jun-2022	07-Sep-2022	30-Jun-2027	30-Jun-2027

Cumulative Disbursements





Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.
