

**Implementation Status & Results**  
**China**  
**Urban Scale Building Energy Efficiency and Renewable Energy (P130786)**

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Operation Name: Urban Scale Building Energy Efficiency and Renewable Energy (P130786)	Project Stage: Implementation	Seq.No: 1	Status: ARCHIVED	Archive Date: 24-Oct-2013
Product Line: Global Environment Project	Country: China	Approval FY: 2013	Lending Instrument: Specific Investment Loan	
Implementing Agency(ies): Ministry of Housing and Urban-Rural Development, Beijing Housing and Urban-Rural Development Commission, Beijing Development and Reform Commission, Ningbo Housing and Urban-Rural Development Commission	Region: EAST ASIA AND PACIFIC			

**Key Dates**

Board Approval Date	26-Apr-2013	Original Closing Date	Planned Mid Term Review Date	Last Archived ISR Date
Effectiveness Date		Revised Closing Date	Actual Mid Term Review Date	

**Global Environmental Objectives**

Global Environmental Objective (from Project Appraisal Document)

**The proposed project development objective is to improve selected national and city-level policies for (1) the promotion of low-carbon, adaptive and livable urban forms; (2) an increase in energy efficiency in public and commercial buildings; and, (3) the scale-up of commercially viable rooftop solar PV deployment.**

**The global environment objective of the proposed project is to reduce carbon dioxide emissions from buildings in selected Chinese cities by supporting improved policy making and implementation in promoting low-carbon, adaptive and livable urban forms, increasing energy efficiency in public and commercial buildings, and scaling up commercially viable rooftop solar PV deployment.**

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

Yes     No

**Component(s)**

Component Name	Component Cost
1. Promoting the Development of Low-Carbon, Adaptive and Livable Urban Forms	8.76
2. Improving Energy Efficiency in Public and Commercial Buildings	18.53
3. Scaling up Commercially Viable Rooftop Solar PV Deployment	2.00
4. Project Management	1.50

**Overall Ratings**

	Previous Rating	Current Rating
Progress towards achievement of GEO		Satisfactory
Overall Implementation Progress (IP)		Satisfactory
Overall Risk Rating		Substantial

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### Implementation Status Overview

The grant and project agreements became effective on August 26, 2013. Most of the activities planned for the first year are already mobilized and at different stages of implementation. But the project is still in too early a stage for meaningful progress.

#### Locations

Country	First Administrative Division	Location	Planned	Actual
China	Zhejiang Sheng	Ningbo		✓
China	Beijing	Beijing		✓
China	Beijing	Beijing		✓

### Results

#### Global Environmental Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
LOCAL urban planning and design principles recommended for inclusion in statutory urban planning standards and regulations	<input type="checkbox"/>	Yes/No	Value			Yes
			Date	01-May-2013		30-Jun-2018
			Comments			<ul style="list-style-type: none"> <li>Draft national guidelines on development of LOCAL urban forms prepared</li> </ul>
Energy performance benchmarking and disclosure (EPB&D) program for large public and commercial buildings developed at the national level and mandatory adoption by select cities.	<input type="checkbox"/>	Yes/No	Value			Yes
			Date	01-May-2013		30-Jun-2018
			Comments			<ul style="list-style-type: none"> <li>Official national guidelines on EPB&amp;D for public and commercial buildings issued</li> <li>Beijing, Ningbo and two additional cities issued official ordinance on adopting mandatory EPB&amp;D for large public and commercial buildings</li> </ul>
Number of renewable energy service contracts signed	<input type="checkbox"/>	Number	Value	0.00		765.00
			Date	01-May-2013		30-Jun-2018
			Comments			
CO2 emissions reduction associated with GEF assistance	<input type="checkbox"/>	Tones/year	Value	0.00		85120.00
			Date	01-May-2013		30-Jun-2018
			Comments			

**Intermediate Results Indicators**

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Urban form studies completed	<input type="checkbox"/>	Number	Value	0.00		4.00
			Date	01-May-2013		30-Jun-2016
			Comments			
Mayors and city planning officials trained	<input type="checkbox"/>	Number	Value	0.00		150.00
			Date	01-May-2013		30-Jun-2018
			Comments			
City pilots of Local urban planning and design completed	<input type="checkbox"/>	Number	Value	0.00		3.00
			Date	01-May-2013		30-Jun-2018
			Comments			
National and city BEP&D pilot programs implemented	<input type="checkbox"/>	Number	Value	0.00		3.00
			Date	01-May-2013		30-Jun-2018
			Comments			<ul style="list-style-type: none"> <li>Ningbo pilots completed</li> <li>The two additional city pilots completed</li> </ul>
Selected building EE and green building policies in Beijing improved and new policies informed	<input type="checkbox"/>	Yes/No	Value			Yes
			Date	01-May-2013		30-Jun-2018
			Comments			One or two additional relevant policy studies completed
Outreach to local stakeholders and training of local trades in Beijing (number of people trained)	<input type="checkbox"/>	Number	Value	0.00		1000.00
			Date	01-May-2013		30-Jun-2018
			Comments			
Floor area of green buildings in Beijing received certificates	<input type="checkbox"/>	Square Meter(m2)	Value	3000000.00		15000000.00
			Date	01-Jan-2013		30-Jun-2018
			Comments			
Bioclimatic and cost-optimal green building designs demonstrated in Ningbo	<input type="checkbox"/>	Yes/No	Value			Yes
			Date	01-May-2013		30-Jun-2018
			Comments			New green building demonstration completed and certified  Green retrofit demonstration project completed and certified

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Green building policies in Ningbo improved and new policies informed	<input type="checkbox"/>	Yes/No	Value		Yes
			Date	01-May-2013	30-Jun-2017
			Comments		Ningbo green building design guidelines issued
Outreach to local stakeholders and training of local trades in Ningbo (number of people trained)	<input type="checkbox"/>	Number	Value	0.00	800.00
			Date	01-May-2013	30-Jun-2018
			Comments		
Installed rooftop solar PV capacity under the Beijing Rooftop Solar PV Scale-up Project	<input type="checkbox"/>	Megawatt	Value	0.00	100.00
			Date	01-Jan-2013	30-Jun-2018
			Comments		
Improved knowledge of local grid company about handling grid-connected rooftop PV systems	<input type="checkbox"/>	Yes/No	Value		Yes
			Date	01-May-2013	30-Jun-2017
			Comments		Two-way metering pilot, final results shared in workshop
Establishment of Beijing solar energy information portal	<input type="checkbox"/>	Yes/No	Value		Yes
			Date	01-May-2013	30-Jun-2018
			Comments		Beijing solar energy information portal operational with a website for public information access
Renewable energy education delivery in public schools enhanced (number of demonstration laboratories established)	<input type="checkbox"/>	Number	Value	0.00	20.00
			Date	01-May-2013	30-Jun-2016
			Comments		

**Data on Financial Performance (as of 00000000)**

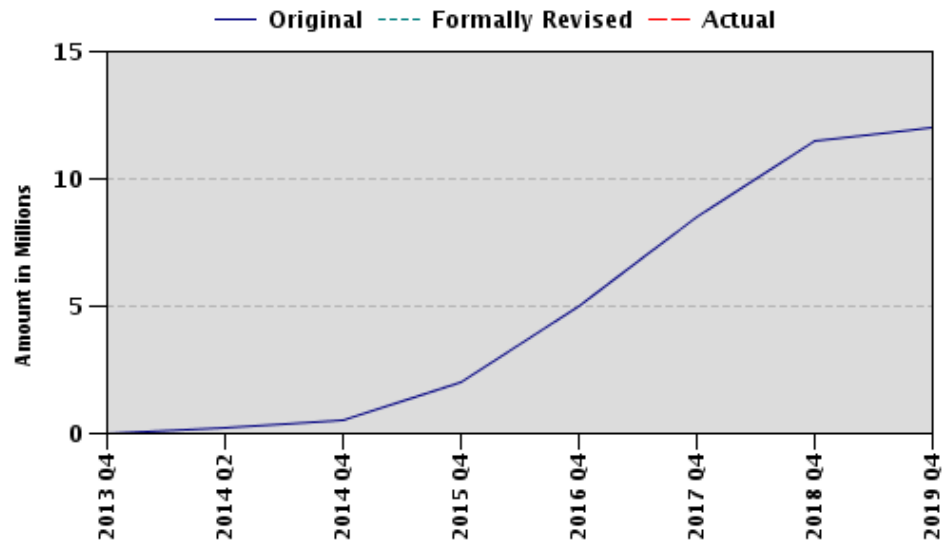
**Financial Agreement(s) Key Dates**

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**Disbursements (in Millions)**

				0.00	0.00	0.00	0.00	0.00
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**Disbursement Graph**



**Key Decisions Regarding Implementation**

None at this time.

**Restructuring History**

There has been no restructuring to date.

**Related Projects**

There are no related projects.