



## Urban Scale Building Energy Efficiency and Renewable Energy (P130786)

EAST ASIA AND PACIFIC | China | Energy & Extractives Global Practice |  
Global Environment Project | Specific Investment Loan | FY 2013 | Seq No: 5 | ARCHIVED on 18-Oct-2015 | ISR20840 |

Implementing Agencies: 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

### Key Dates

#### Key Project Dates

Board Approval date:26-Apr-2013

Effectiveness Date:26-Aug-2013

Planned Mid Term Review Date:12-Sep-2016

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2018

Revised Closing Date:31-Dec-2018

### 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 Global Environmental Objective been changed since Board Approval of the Project Objective?

No

### Components

Name

1. Promoting the Development of Low-Carbon, Adaptive and Livable Urban Forms:(Cost \$8.76 M)

2. Improving Energy Efficiency in Public and Commercial Buildings:(Cost \$18.53 M)

3. Scaling up Commercially Viable Rooftop Solar PV Deployment:(Cost \$2.00 M)

4. Project Management:(Cost \$1.50 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of GEO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory



Overall Risk Rating

● Substantial

● Substantial

## Implementation Status and Key Decisions

The project has been under implementation for 2 years and despite some minor delays in disbursement, the project is proceeding satisfactorily. An updated procurement plan has been completed for all components and implementing agencies. A supervision mission will take place in November 2015, at which time all activities will be reviewed by the team and the new Bank TTL.

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

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Low	● Low
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Low	● Low
Technical Design of Project or Program	--	● Substantial	● Substantial
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Low	● Low
Stakeholders	--	● Substantial	● Substantial
Other	--	--	--
Overall	--	● Substantial	● Substantial

**Results****Global Environmental Objective Indicators**



▶ LOCAL urban planning and design principles recommended for inclusion in statutory urban planning standards and regulations.(Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

▶ 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.(Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

▶ Number of renewable energy service contracts signed(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	179.00	179.00	765.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

▶ CO2 emissions reduction associated with GEF assistance(Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2900.00	2900.00	85120.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

Overall Comments

### Intermediate Results Indicators



► Urban form studies completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2016

► Mayors and city planning officials trained (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	183.00	183.00	150.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► City pilots of Local urban planning and design completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► National and city BEP&D pilot programs implemented (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018



► Selected building EE and green building policies in Beijing improved and new policies informed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► Outreach to local stakeholders and training of local trades in Beijing (number of people trained) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	500.00	500.00	1000.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► Floor area of green buildings in Beijing received certificates (Square Meter(m2), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3000000.00	10770000.00	10770000.00	15000000.00
Date	01-Jan-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► Bioclimatic and cost-optimal green building designs demonstrated in Ningbo (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018



► Green building policies in Ningbo improved and new policies informed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2017

► Outreach to local stakeholders and training of local trades in Ningbo (number of people trained) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	290.00	290.00	800.00
Date	01-May-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► Installed rooftop solar PV capacity under the Beijing Rooftop Solar PV Scale-up Project (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.00	20.00	100.00
Date	01-Jan-2013	15-Feb-2015	21-Sep-2015	30-Jun-2018

► Improved knowledge of local grid company about handling grid-connected rooftop PV systems (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	15-Feb-2015	30-Jun-2017



## ▶ Establishment of Beijing solar energy information portal (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-May-2013	15-Feb-2015	15-Feb-2015	30-Jun-2018

## ▶ Renewable energy education delivery in public schools enhanced (number of demonstration laboratories established) (Number, Custom)

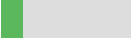
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	01-May-2013	15-Feb-2015	15-Feb-2015	30-Jun-2016

## Overall Comments

Prior to the next supervision mission -- planned for early November 2015 -- it was not possible to update the intermediate results indicators. This will be a priority during the next mission.

## Data on Financial Performance

## Disbursements (by loan)

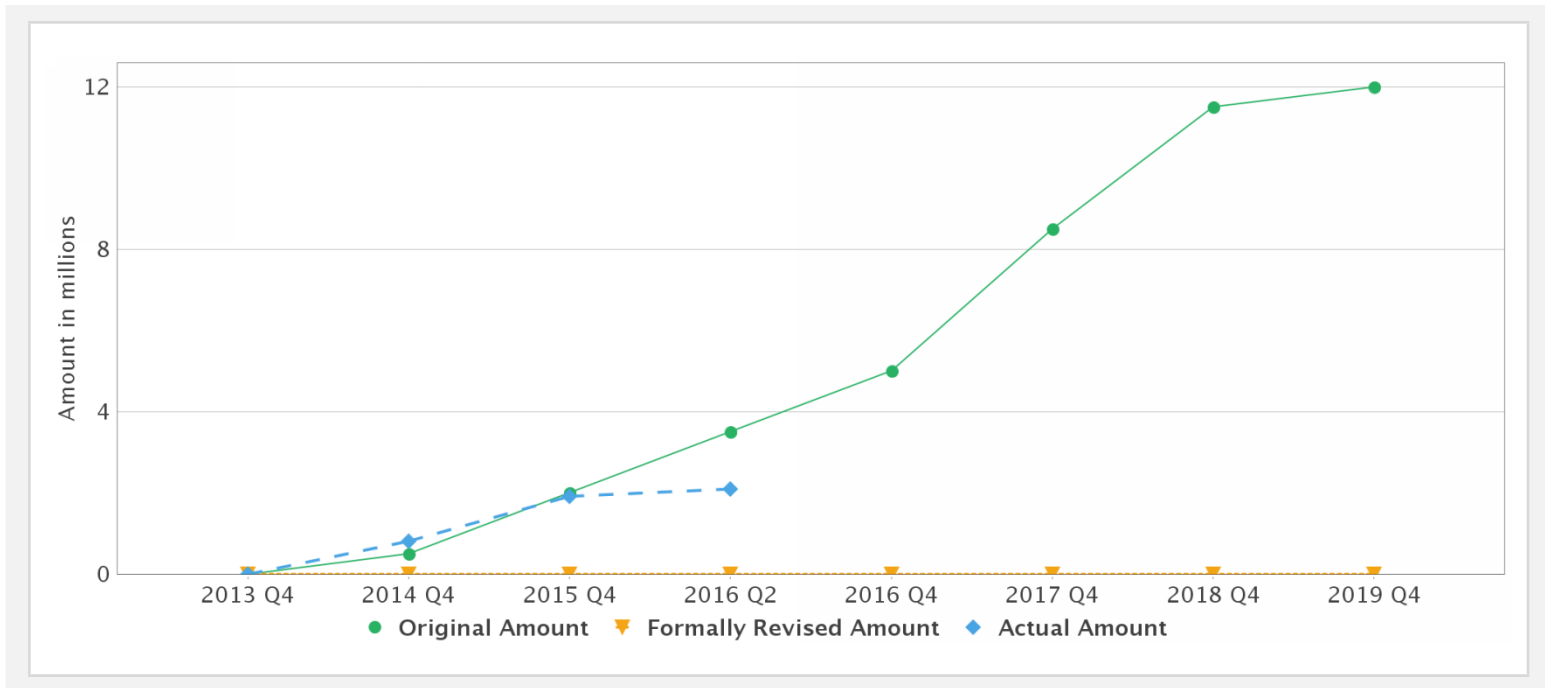
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P130786	TF-14522	Effective	USD	12.00	12.00	0.00	2.09	9.91	 17%

## Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P130786	TF-14522	Effective	04-Jul-2013	04-Jul-2013	26-Aug-2013	31-Dec-2018	31-Dec-2018

## Cumulative Disbursements





## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.