



## MEXICO Sustainable Energy Technologies Development for Climate Change (P145618)

LATIN AMERICA AND CARIBBEAN | Mexico | Energy & Extractives Global Practice |  
Global Environment Project | Investment Project Financing | FY 2015 | Seq No: 2 | ARCHIVED on 29-Jun-2016 | ISR24253 |

Implementing Agencies: SENER

### Key Dates

#### Key Project Dates

Bank Approval Date:06-Mar-2015

Effectiveness Date:21-Sep-2015

Planned Mid Term Review Date:22-Mar-2017

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2019

Revised Closing Date:31-Dec-2019

### Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The objectives of the Project are to improve the institutional capacity of ACE technology institutions (both public and private)inthe territory of the recipient and to foster the commercialization of ACE technologies by providing financial incentives to the private sector, which together are expected to lead to GHG emissions reduction in the future.

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

No

### Components

Name
Regional Needs Assessments for ACE technologies and Clean Energy Regional Investment Plans (CERIPs):(Cost \$4.54 M)
Grants and technical assistance for private enterprises in the ACE sector:(Cost \$11.50 M)
Project Management:(Cost \$0.80 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 became effective in September 2015 and is now under full implementation. Status of the activities for the three components is as follows: (i) The first four Regional Assessments (out of ten) under Component 1 are nearly completed, (ii) the call for proposals for the first eight incentives or *Premios* (out of twenty-four) under Component 2 has been launched, and (iii) Project Management activities under Component 3 are underway.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### Global Environmental Objective Indicators

► Future emission reductions from ACE technologies supported by the Project (Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	2408742.00
Date	30-Jun-2015	--	15-Jun-2016	15-Apr-2019

#### Comments

This indicator will be updated based on the methodology outlined in annex 6 of the PAD and supplemented by data collected on subgrant



commercial performance. In any case, the project is at a very early stage for a first estimation, as the emission reductions would only be attributable to the dissemination of technologies that receive an investment through the Advanced Clean Energy (ACE) program (i.e. those technologies that are awarded an Incentive or *Premio* under Component 2 and successfully move to full commercialization through private capital mobilization).

#### ► Private Capital Mobilized(Amount(USD), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	--	0.00	0.00	6000000.00
Date	--	01-Oct-2015	15-Jun-2016	15-Apr-2019

#### Comments

This indicator is related to those resources for the ACE program or for programs or funds with similar objectives needed to replace the limited GEF resources that will be exhausted during the project. Therefore, this indicator can only be updated after the first *Premios* are awarded and both SENER and the Bank have a better idea of whether the supported projects successfully move to the commercialization stage or not (which will be realized only towards the end of the implementation period for each set of projects supported by an incentive or *Premio*).

#### ► CERIPs designed and initiated(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	32.00
Date	30-Jun-2015	01-Oct-2015	15-Jun-2016	31-May-2018

#### Comments

Since the Clean Energy Regional Investment Plans (CERIPs) are the key outcome of the Regional Assessments, this indicator will only be updated after the first Regional Assessments are completed (the process to award the first four is nearly completed).

#### Overall Comments

#### Intermediate Results Indicators



► Number of investment opportunities identified in Component 1 that receive funding through the FSE (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	32.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2018

Comments

This indicator will only be updated once the first Regional Assessments are completed and investment opportunities have been identified.

► Number of ACE program recipients identified from Component 1 (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	6.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2018

Comments

This indicator will only be updated once the first Regional Assessments are completed and prospective applicants to the Advanced Clean Energy program (Component 2.1) have been identified. The end target was adjusted to reflect the value specified in the PAD (from 10 in the previous ISR to 6 as in the PAD).

► Number of recipients of TA (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	24.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2017

Comments

To be updated after the first Incentives or Premios are awarded.



► Number of patents for ACE technologies (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2018

Comments

To be updated towards the end of the implementation period for this project, as the patent stage is the final potential step for those subprojects supported by the Advanced Clean Energy program.

► Number of CCEC grants awarded (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	12.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2018

Comments

To be updated after the first Incentives or Premios are awarded.

► Number of prototypes completed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	12.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2018

Comments

To be updated at the end of implementation for subprojects supported by the Advanced Clean Energy program



► Number of female participants (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	5.00
Date	30-Jun-2015	--	15-Jun-2016	30-Jun-2018

Comments

To be updated after the first call for proposals for Incentives or Premios is closed and the received proposals are evaluated. Female entrepreneurs will be counted and reported for all calls for proposals.

Overall Comments

## Data on Financial Performance

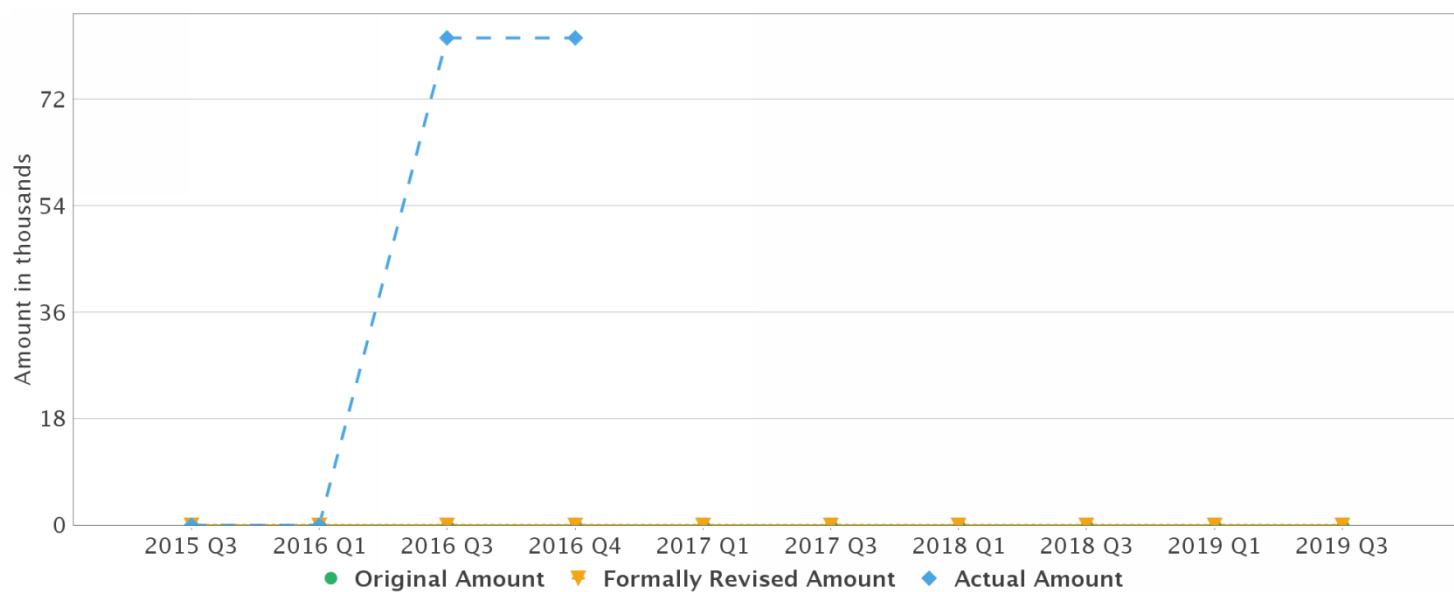
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P145618	TF-19403	Effective	USD	16.88	16.88	0.00	0.08	16.80	0%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P145618	TF-19403	Effective	06-Mar-2015	08-May-2015	21-Sep-2015	31-Dec-2019	31-Dec-2019

### Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.