



Fondo Multilateral de Inversiones  
Miembro del Grupo BID

# REPORTE DE ESTADO DEL PROYECTO JULIO 2013 - DICIEMBRE 2013

## SECCIÓN 1: SÍNTESIS DEL PROYECTO

**NOMBRE DEL PROYECTO:** Eficiencia Energetica y Agua para Residentes de Bajos Ingresos Etapa 2

Nro. Proyecto: ME-M1080 - Nro. Operación: ATN/ME-13398-ME

**Resultado:** Demonstrate the viability of the business model used (distribution of water and energy saving devices with financing from carbon credits) and foster large-scale adoption of the model.

**País Administrador**  
MÉXICO

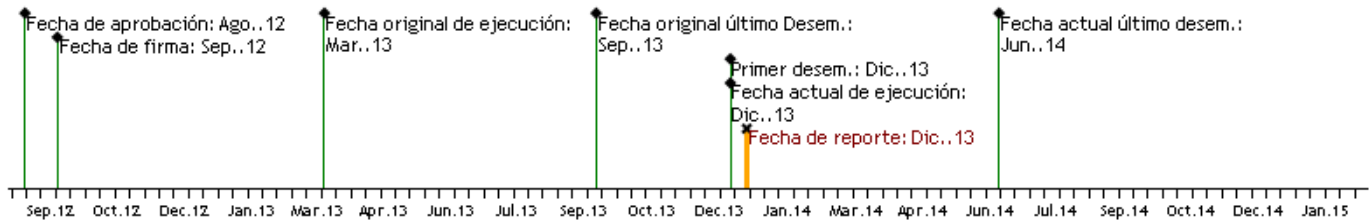
**País Beneficiario**  
MÉXICO

**Agencia Ejecutora:** CAMINO SABIO AZUL S. DE R.L. DE C.V

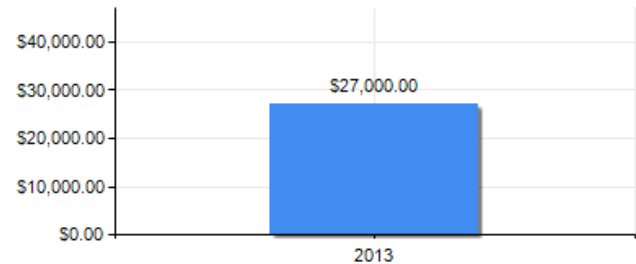
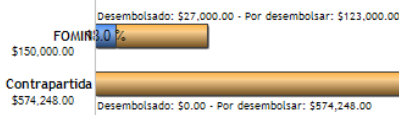
**Líder equipo de diseño:** Berardi, Filippo

**Líder equipo de supervisión:** Aguilar Rios, Guillermo

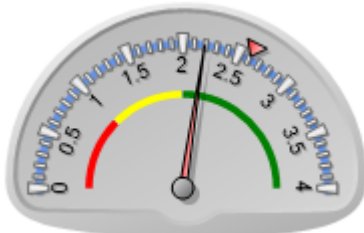
## CRONOLOGÍA DE EVENTOS



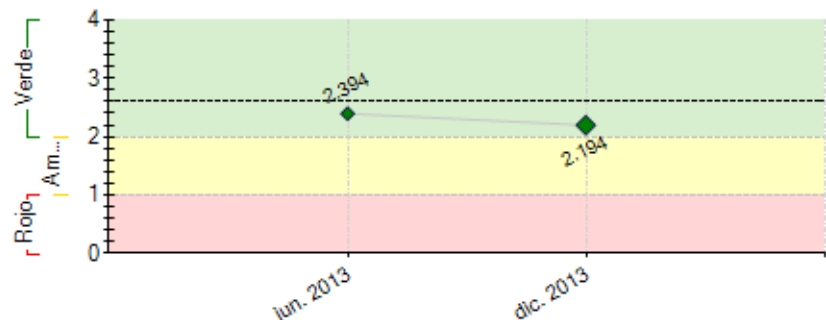
## RECURSOS



## PUNTAJE DE DESEMPEÑO



**Puntaje actual:** Satisfactorio: 2.194  
**Promedio FOMIN:** 2.607



----- Promedio desempeño FOMIN

## RIESGOS EXTERNOS

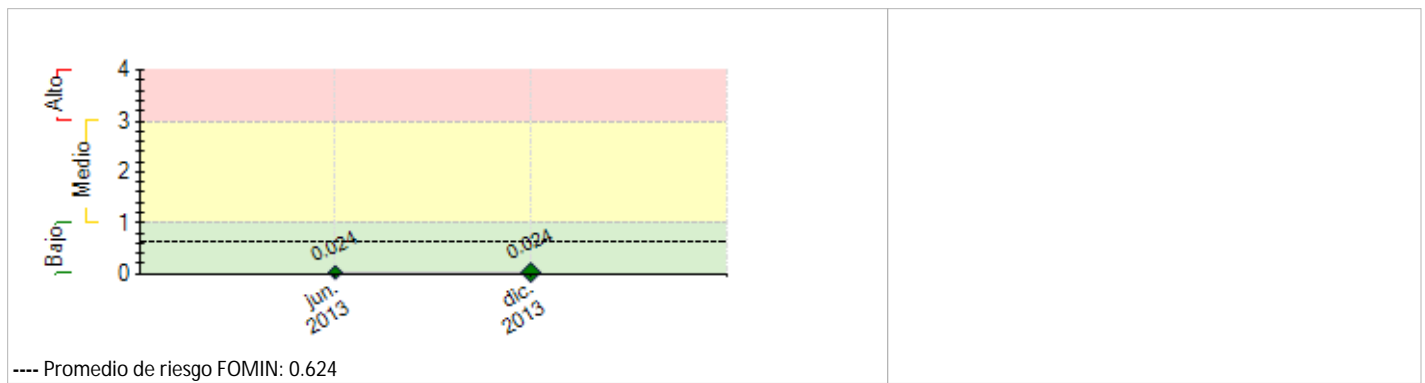
### CAPACIDAD INSTITUCIONAL

**Riesgo**

**Administración Financiera:** Alto

**Adquisiciones:** Alto

**Capacidad Técnica:** Bajo



## SECCIÓN 2: DESEMPEÑO

### Resumen del desempeño del proyecto desde el inicio

The main results achieved are:

- (i) The project has achieved registration under CDM and listed under the Gold Standard.
- (ii) Executed an agreement with Centros de Capacitación para el Trabajo Industrial (CECATI) an established Ministry of Education job training program run by Mexican universities. The agreement provides training and certification by CECATI for women for a 3-4 week program on plumbing.
- (iii) Legally binding agreement with Adelmar International, a firm based in Mexico City for the production and delivery of the water saving devices.
- (iv) Executing of an Emission Reduction Purchase agreement with My Climate Foundation, in which My Climate committed to buy Gold Standard Certified Emission Reductions (up to USD 22,500 per year and for USD 225,000 over ten years).

The project encountered difficulties in the financial closure, which turned to be the main obstacle faced so far and delayed the execution start. This point has been solved through the combination of the Technical Cooperation with a SEP operation.

The prospects of the project are optimistic, given the interest of all the agents involved plus the recognition granted by the UNFCCC Secretariat and the achievement of the PoA CDM registration which allows the executor to commercialize Certified Emissions Reductions.

Through the end of the project, the Executing Unit will give special emphasize to the "Mujeres Plomeras" program and managing the knowledge related to the project

### Comentarios del líder de Equipo de Supervisión

De acuerdo con los comentarios de la Agencia Ejecutora

The delayed observed was due to the financial closure of the counterpart funds. Once this point has been solved, Cambio Azul has initiated the execution, and training activities in Tijuana will start in January/February of 2014.

### Resumen del desempeño del proyecto en los últimos seis meses

This is Cambio Azul's first Project Status Report, as a consequence, the cumulative performance stated above applies to the semester performance as well.

In addition to what has been reported in the Cumulative Performance, Cambio Azul has completed one out of three molds to fabricate unique special water saving

devices for the kitchen and bathroom faucets.

In the next six months, Cambio Azul's efforts will be concentrated on: (i) training the lady plumbers; (ii) defining the exact area where water saving devices will be installed; (iii) Developing the technology required; (iv) managing the knowledge related to the project;

#### SUSTAINABILITY:

In terms of sustainability, the prospects of the project are optimistic, given the interest of all the agents involved plus the recognition granted by the UNFCCC Secretariat (United Nations Framework Convention on Climate Change) and the achievement of the PoA (Program of Activities) CDM (Clean Development Activity) registration which allows the executor to commercialize Certified Emissions Reductions.

As a consequence Cambio Azul has signed an Emission Reduction Purchase agreement with My Climate Foundation, in which My Climate committed to buy Gold Standard Certified Emission Reductions, up to USD 22,500 carbon credits per year and for 225,000 carbon credits over ten years, what underpins the projects sustainability

#### Comentarios del líder de Equipo de Supervisión

De acuerdo con los comentarios de la Agencia Ejecutora

IADB's procedures have been difficult for the executing agency, and they had not realized in advance, the workload it could lead to in order to meet the requirements.

### SECCIÓN 3: INDICADORES E HITOS

	Indicadores	Línea de base	Intermedio 1	Intermedio 2	Intermedio 3	Planeado	Logrado	Estado
<b>Resultado:</b> Demonstrate the viability of the business model used (distribution of water and energy saving devices with financing from carbon credits) and foster large-scale adoption of the model.	<b>R.1</b> Volumes of emission reductions (Ers) issued by the carbon offset scheme administrator/regulator [tCO2e/year * 10years]	0				212000 Ago. 2023	0	
	<b>R.2</b> Water saved [Liters per Household over 10 years]	0				2012830 Ago. 2023	0	
	<b>R.3</b> Energy Saved [MJ per household per year, over 10 years]	0				399610 Ago. 2023	0	
	<b>R.4</b> Number of certified plumbers	0				50 Feb. 2014	0	
<b>Componente 1:</b> Awareness campaign and participation  <b>Peso:</b> 2% <b>Clasificación:</b> Muy Insatisfactorio	<b>C1.11</b> The two communities (15 khouses +contingencies) are identified and list of addresses is prepared [list of addresses shared with MIF]	0				15000 May. 2013		Atrasado
	<b>C1.12</b> Information material is developed and made available/delivered to relevant audiences (incl. Letters to community leaders, leaflets and adverts for papers and radio) [information and informative material is available to relevant audience]					Dic. 2012		Atrasado
<b>Componente 2:</b> Design, manufacturing, deployment more efficient water fixtures  <b>Peso:</b> 43% <b>Clasificación:</b> Muy Insatisfactorio	<b>C2.11</b> One mold (3 components) manufactured [new molds are available]	0				3 Ene. 2013	1 Dic. 2013	Atrasado
	<b>C2.12</b> Re-certification completed for the showerhead					Oct. 2012		Atrasado
	<b>C2.13</b> Water fixtures installed in 15000 houses	0				15000 Mar. 2013		Atrasado
<b>Componente 3:</b> 'Mujeres Plomeras' Program  <b>Peso:</b> 20% <b>Clasificación:</b> Muy Insatisfactorio	<b>C3.11</b> Number of plomeras certified	0				50 Ene. 2013		Atrasado
	<b>C3.12</b> Number of supervisors hired	0				3 Nov. 2012		Atrasado
	<b>C3.13</b> mobile kit available for use	0				1 Oct. 2012		Atrasado
<b>Componente 4:</b> Administration and Knowledge management  <b>Peso:</b> 35% <b>Clasificación:</b> Muy Insatisfactorio	<b>C4.11</b> GS-PDD registered with Gold Standard					Ene. 2013		Atrasado
	<b>C4.12</b> Database with web reporting capabilities developed					May. 2013		Atrasado
	<b>C4.13</b> knowledge product developed					Mar. 2013		Atrasado

Hitos	Planeado	Fecha de cumplimiento	Logrado	Fecha alcanzada	Estado
H0 [*] Condiciones previas	6	Dic. 2013	6	Dic. 2013	Logrado

[\*] Indica que el hito ha sido reformulado

**FACTORES CRÍTICOS QUE HAN AFECTADO EL DESEMPEÑO***[No se reportaron factores para este período]***SECCIÓN 4: RIESGOS****RIESGOS MÁS RELEVANTES QUE PUEDEN AFECTAR EL DESEMPEÑO FUTURO**

	Nivel	Acción de mitigación	Responsable
1. The main risks for this activity are: 1. Executing Agency is not able to reach financial closure, and therefore to comply with the conditio precedent.	Bajo	The project team is consulting with other co-financiers in this operation to facilitate the creation of additional options for funding	Project Coordinator
2. Household owners are reluctant to allow plumbers into their houses to install the water saving fixtures	Bajo	The installation phase has been designed to minimise this risk. The installations teams will be comprised by two women, so as to reduce the mis-trust and mitigate security concerns by the beneficiary households. In case of refusal of entrance, the list of target households will include redundancy households as to be able to reach the same final number of services families.	Project Coordinator

**NIVEL DE RIESGO DEL PROYECTO:** Bajo **NÚMERO TOTAL DE RIESGOS:** 2 **RIESGOS VIGENTES:** 2 **RIESGOS NO VIGENTES:** 0 **RIESGOS MITIGADOS:** 0
**SECCIÓN 5: SOSTENIBILIDAD**

Probabilidad de que exista sostenibilidad después de terminado el proyecto: P - Probable

**FACTORES CRÍTICOS QUE PUEDEN AFECTAR LA SOSTENIBILIDAD DEL PROYECTO***[No se reportaron factores para este período]***Acciones realizadas o a ser implementadas relativas a la sostenibilidad:**

Complete the Conditions Precedent on ATN/ME-13398-ME as of December 30, 2013 received first payment for FOMIN and applied to Molds

**SECCIÓN 6: LECCIONES PRÁCTICAS**

	Relativa a	Autor
1. When working with weak executors, more effort should be done in the design of the operation to make the executing agency aware of the obligations and procedures requested in MIF projects. As a consequence of it, in case that lack of capacity is detected, maybe staff hiring (or outsourcing some services) should be made mandatory, regardless which side funds it.	Design	Aguilar Rios, Guillermo [FOMIN]
2. FOMIN process is tedious and requires more manpower than originally planned	Design	Maher, George