



Fondo Multilateral de Inversiones  
Miembro del Grupo BID

# REPORTE DE ESTADO DEL PROYECTO ENERO 2014 - JUNIO 2014

## 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

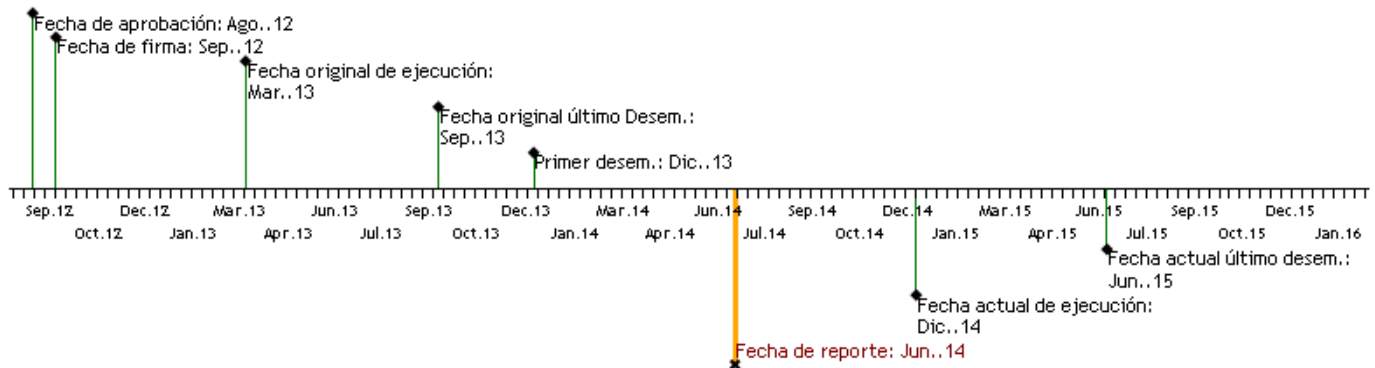
**País Beneficiario**  
MÉXICO

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

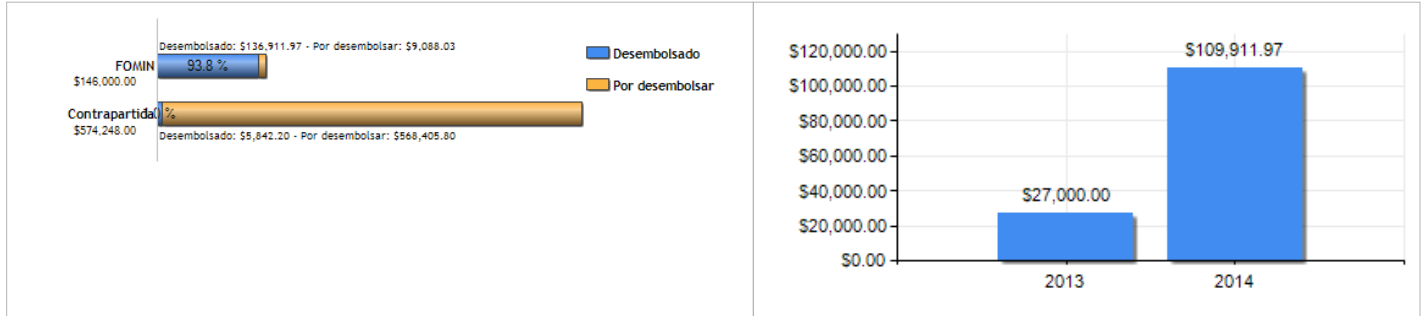
**Líder equipo de diseño:** Berardi, Filippo

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

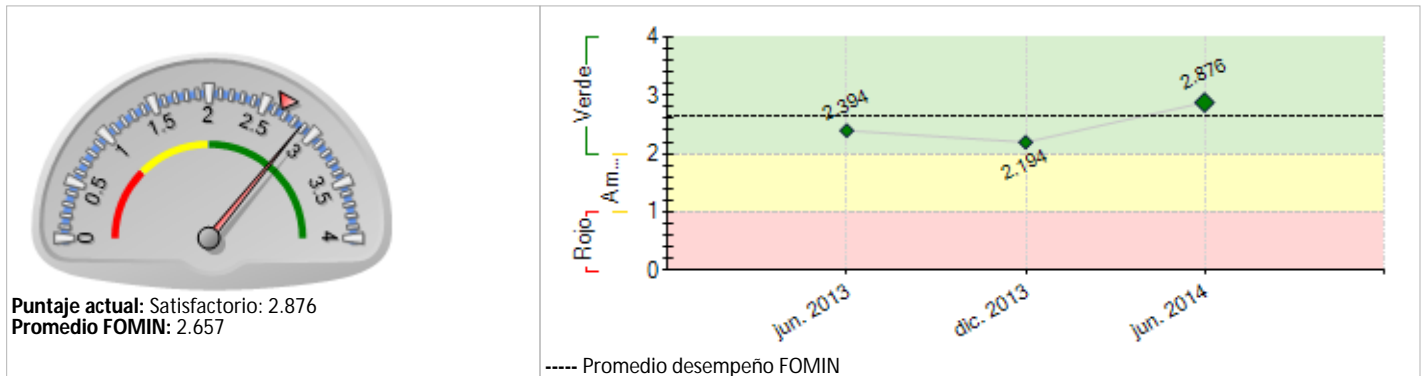
## CRONOLOGÍA DE EVENTOS



## RECURSOS



## PUNTAJE DE DESEMPEÑO



## RIESGOS EXTERNOS

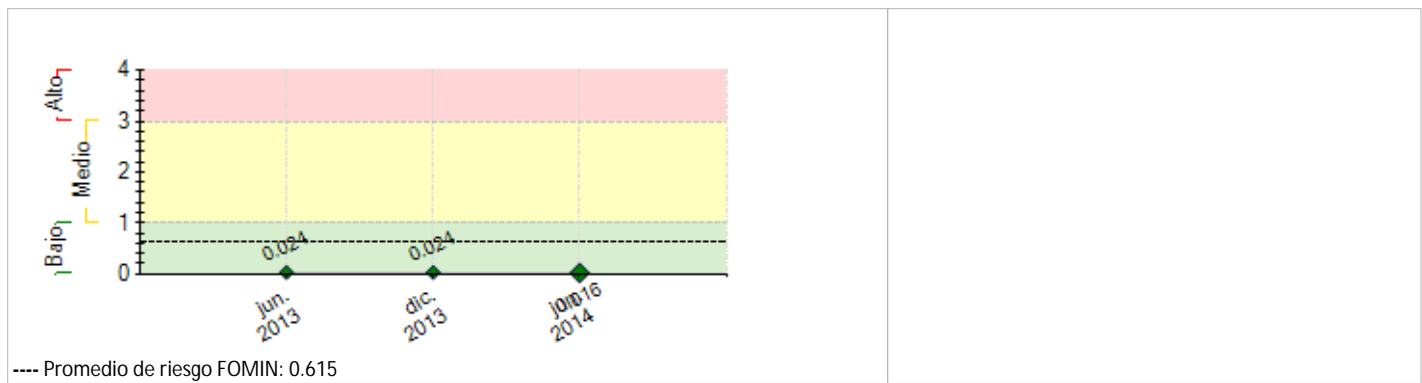
## CAPACIDAD INSTITUCIONAL

**Riesgo**

**Administración Financiera:** Alto

**Adquisiciones:** Alto

**Capacidad Técnica:** Bajo



## SECCIÓN 2: DESEMPEÑO

### Resumen del desempeño del proyecto desde el inicio

We reached financial close, which has allowed us to advance the program and virtually complete the first two component sections:

1. Awareness campaign and participation
2. Design, manufacturing, deployment more efficient water fixtures

The program was delayed due to change in site. Originally our plan had us training women and installing water saving devices in Tijuana suburbs. In late January we deployed a team to commence preliminary field planning. We that the number of abandon homes had increased to 40% from our initial data. In addition, during this time our local stakeholder "Fundacion Hogares," decided to leave the area. These two factors made it virtually impossible for us to complete the first component objective, "Awareness campaign and participation."

We changed our location to an area just outside Mexico City, to the municipality of Tecamac. There we have successfully completed two mini pilots and executed a cooperated agreement with the municipality and local water distribution company.

For an innovative water efficiency project that seeks to gain recognition through sustainable development through women empowerment and quantifiable of water, energy and emission benefits, reaching these start-up goals can require significant additional time, additional human resource requirements, and expense.

### Comentarios del líder de Equipo de Supervisión

De acuerdo con los comentarios de la Agencia Ejecutora

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

We completed our awareness campaign and have had an excellent response rate and eagerness to participate.

We have virtually completed the design and manufacturing component and now are a week from implementation ( Week of August 4).

he "mujeres Plomeras" program has garnered a large number of applications of women. The completion of the program for certification is pending final field practical experience.

The project has incurred delays due to small companies that are suppliers to the program missing "promised" dates. In order to avoid this problem in future project proponent should have a flexible staff available to help small companies as well as government agencies.

The Executing Unit has signed cooperative agreements with local agencies and other technical suppliers to mitigate delay problems encountered early in the reporting period of January through June 2014.

**Comentarios del líder de Equipo de Supervisión**

De acuerdo con los comentarios de la Agencia Ejecutora

**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> Satisfactorio	<b>C1.1</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	34200 Jun. 2014	Finalizado
	<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	Si Jun. 2014	Finalizado
<b>Componente 2:</b> Design, manufacturing, deployment more efficient water fixtures <b>Peso:</b> 43% <b>Clasificación:</b> Insatisfactorio	<b>C2.1</b> One mold (3 components) manufactured [new molds are available]	0				3 Ene. 2013	1 Dic. 2013	Finalizado
	<b>C2.12</b> Re-certification completed for the showerhead					Oct. 2012	Si May. 2014	En curso
	<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> Insatisfactorio	<b>C3.1</b> Number of plomeras certified	0				50 Ene. 2013		Atrasado
	<b>C3.12</b> Number of supervisors hired	0				3 Nov. 2012		Finalizado
	<b>C3.13</b> mobile kit available for use	0				1 Oct. 2012		Finalizado
<b>Componente 4:</b> Administration and Knowledge management <b>Peso:</b> 35% <b>Clasificación:</b> Insatisfactorio	<b>C4.1</b> GS-PDD registered with Gold Standard					Ene. 2013	Si Ene. 2014	En curso
	<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
<b>H0</b> [*] Condiciones previas	6	Dic. 2013	6	Dic. 2013	Logrado

[\*] Indica que el hito ha sido reformulado

**FACTORES CRÍTICOS QUE HAN AFECTADO EL DESEMPEÑO**

[X] Capacidad institucional de la Agencia Ejecutora

**SECCIÓN 4: RIESGOS****RIESGOS MÁS RELEVANTES QUE PUEDEN AFECTAR EL DESEMPEÑO FUTURO**

	Nivel	Acción de mitigación	Responsable
1. 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
<b>NIVEL DE RIESGO DEL PROYECTO:</b> Bajo <b>NÚMERO TOTAL DE RIESGOS:</b> 2 <b>RIESGOS VIGENTES:</b> 1 <b>RIESGOS NO VIGENTES:</b> 0 <b>RIESGOS MITIGADOS:</b> 1			

**SECCIÓN 5: SOSTENIBILIDAD**

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

**FACTORES CRÍTICOS QUE PUEDEN AFECTAR LA SOSTENIBILIDAD DEL PROYECTO**

Factor	Comentarios
[X] Ausencia de mecanismos de recuperación de costos o fuentes de financiamiento externas (gobierno, donantes y/o sector privado) para continuar con las actividades del proyecto una vez agotados los recursos del FOMIN	
<b>Acciones realizadas o a ser implementadas relativas a la sostenibilidad:</b>	
We have done two mini pilot programs and have proven water saving of 60% and residents have been saving in a range of 200 to 300 pesos a month. We had very successful public consultation and exceed our goal of women plumber applicants.	

## SECCIÓN 6: LECCIONES PRÁCTICAS

	Relativa a	Autor
1. Dar plazos de ejecución un poco más holgados para los proyectos FOMIN, aun cuando parezca que las agencias ejecutoras tienen ya todo los elementos solucionados desde un inicio, considerando que hay una curva de aprendizaje hacia los procedimientos del BID/FOMIN.	Design	Aguilar Rios, Guillermo [FOMIN]
2. Resource limitations of small companies and governmental agencies require additional resource from project proponent and "promised dates" pass because of the limitations of these small companies and governmental agencies	Implementation	maher, George