

PMR Operational Report

Operation Number	AR-G1002	Chief of Operations Validation Date	10/16/19
Year- PMR Cycle	First period Jan-Jun 2019	Division Chief Validation Date	
Last Update	10/04/19	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Energy Efficiency and Renewable Energy in Low-income Housing	Loan Number	GRT/FM-15083-AR, GRT/FM-15083-AR-1, GRT/FM-15083-AR-2
Executing Agency	Subsecretaría de Desarrollo Urbano y Vivienda de Argentina, Secretaría de Ambiente y Desarrollo Sustentable	Sector/Subsector	DU-VIV - URBAN DEVELOPMENT AND HOUSING-HOUSING
Team Leader	VERA BENITEZ, LUIS FELIPE	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Investment Grants	Country	ARGENTINA
Lending Instrument		Convergence related Operation(s)	
Borrower			

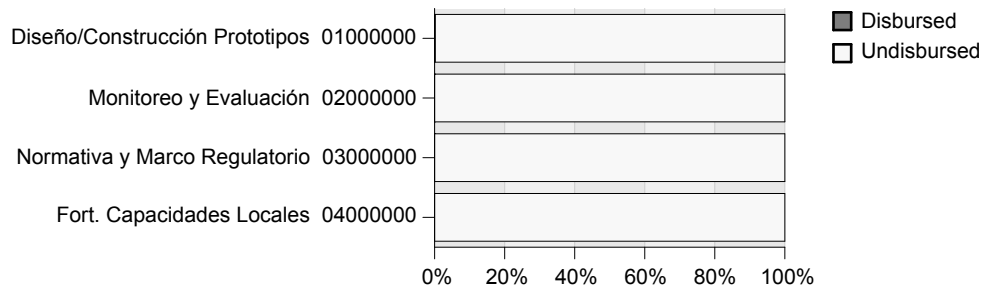
Environmental and Social Safeguards

Impacts Category	C	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
AR-G1002	14,630,855	14,630,855	70,780,224	0	85,411,079	14,630,855	427,202	2.92%	14,203,653
Aggregated	14,630,855	14,630,855	70,780,224	0	85,411,079	14,630,855	427,202	2.92%	14,203,653

Expense Categories by Loan Contract (cumulative values)



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

PMR Operational Report

RESULTS MATRIX

IMPACTS

Impact Nbr. 0: Resultado General del Programa

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
0.0	Incorporación de estándares mínimos de EE y ER en las viviendas a ejecutar en el marco del Plan Nacional de Vivienda	Porcentaje	0.00	2018	P	0.00	0.00	0.00	100.00	100.00
					P(a)	0.00	0.00	0.00	100.00	100.00
					A					

Details

Means of verification: Se verificará a través de los estándares mínimos de vivienda

Pro-Gender	No	Pro-Ethnicity	No
------------	----	---------------	----

PMR Operational Report

RESULTS MATRIX

OUTCOMES

Outcome Nbr. 0: Componente 1. Prototipos de vivienda social baja en carbono

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
0.0	Reducción de emisiones de CO2 anuales debidas a la implementación de las viviendas piloto	Ton CO2/año	2018	P	0.00	0.00	0.00	844.00	844.00
				P(a)	0.00	0.00	0.00	844.00	844.00
				A					

Details

Means of verification: Se calculará en base al ahorro energético medido por el INTI utilizando estándares nacionales

Pro-Gender	No	Pro-Ethnicity	No
-------------------	----	----------------------	----

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
0.1	MWh de consumo anual en las viviendas con medidas EE y ER construidas por el proyecto / MWh de consumo anual en viviendas sociales construidas por el proyecto sin medidas EE y ER	Porcentaje	2018	P	0.00	50.00	0.00	0.00	50.00
				P(a)	0.00	0.00	0.00	32.00	50.00
				A					

Details

Means of verification: se verifica a través del informe de monitoreo y medición del INTI

Pro-Gender	No	Pro-Ethnicity	No
-------------------	----	----------------------	----

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
0.2	Número de personas entrenadas sobre tecnologías de EE y/o ER enfocadas a: (i) estrategias de diseño y monitoreo o (ii) utilización y mantenimiento	Personas	2018	P	0.00	50.00	0.00	0.00	50.00
				P(a)	0.00	50.00	0.00	0.00	50.00
				A					

Details

Means of verification: a través de las capacitaciones en SV e IPV . Listado de personal involucrado.

Pro-Gender	No	Pro-Ethnicity	No
-------------------	----	----------------------	----

Outcome Nbr. 1: Componente 2. Monitoreo y evaluación de las viviendas prototipo del proyecto

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
1.0	Monitoreo y evaluación de prototipos de vivienda social baja en carbono	Reporte	2018	P	0.00	0.00	0.00	1.00	1.00
				P(a)	0.00	0.00	0.00	1.00	1.00

PMR Operational Report

RESULTS MATRIX

OUTCOMES

1.0	Monitoreo y evaluación de prototipos de vivienda social baja en carbono	Reporte	0.00	2018	A					
Details										
Means of verification: Informe del INTI										
Pro-Gender		No	Pro-Ethnicity		No					

Outcome Nbr. 2: Componente 3. Elaboración y adopción de estándares de EE y ER

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
2.0	Marco regulatorio para los nuevos estándares mínimos de EE y ER en la construcción de vivienda social en Argentina	Informe	0.00	2018	P	0.00	0.00	0.00	1.00	1.00
					P(a)	0.00	0.00	0.00	1.00	1.00
					A					
Details										
Means of verification: Decreto sobre estándares mínimos de vivienda										
Pro-Gender		No	Pro-Ethnicity		No					

Outcome Nbr. 3: Componente 4. Fortalecimiento del mercado local de EE y ER

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
3.0	Número de personas entrenadas a nivel local de los sectores privado y público sobre producción/aplicación de tecnologías de EE y ER	Personas	0.00	2018	P	0.00	100.00	75.00	25.00	200.00
					P(a)	0.00	100.00	75.00	25.00	200.00
					A					
Details										
Means of verification: Listado de asistentes a las capacitaciones										
Pro-Gender		No	Pro-Ethnicity		No					

Outcome Nbr. 4: Componente 5. Difusión de Resultados

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
4.0	Numero de personas que han visitado la plataforma web y/o que han asistido a las actividades de difusión y divulgación del Programa	Número de Ingresos a Plataforma y asistencias a Eventos	2018	P	0.00	250.00	200.00	50.00	500.00
				P(a)	0.00	250.00	200.00	50.00	500.00
				A					

PMR Operational Report

RESULTS MATRIX

OUTCOMES

Details

Means of verification: Se contabilizarán los ingresos a través de a página web: www.argentina.gob.ar

Pro-Gender No **Pro-Ethnicity** No

Outcome Nbr. 5: GEF Performance Ratings

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
5.0	Rating of Likelihood of Achieving Project Global Environmental Objective (DO) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	#	0.00	2015	P				
					P(a)				
					A	2.00	2.00		

Details

Pro-Gender No **Pro-Ethnicity** No

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
5.2	Rating of Implementation Progress (IP) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	#	0.00	2015	P				
					P(a)				
					A	3.00	4.00		

Details

Pro-Gender No **Pro-Ethnicity** No

Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	EOP 2021
5.3	Rating of overall Risk that may affect project performance (RISK) (Scale 1 - 4, where 1 = High Risk [H] and 4 = Low Risk [L])	#	0.00	2015	P				
					P(a)				
					A	3.00	3.00		

Details

Pro-Gender No **Pro-Ethnicity** No

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Componente 1: Prototipos de Vivienda Social baja en carbono

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2021	2019	EOP 2021
1.1	Viviendas bioclimaticas construidas	Viviendas	P	0	128	4,115,053	12,345,160
			P(a)	16	128	2,766,552	12,345,160
			A	0	0	0	13,187
1.2	Viviendas de referencia construidas	Viviendas	P	400	640	35,501,320	56,802,112
			P(a)	400	640	35,501,320	56,802,112
			A	0	0	0	0
1.3	Talleres de entrenamiento para Empleados de los IPV sobre estrategias de diseño de EE y ER y monitoreo de la construcción realizados	Talleres	P	0	1	0	33,639
			P(a)	0	1	32,610	53,608
			A	1	2	4,801	25,799
1.4	Talleres de capacitación para habitantes de viviendas sociales construidas por el proyecto sobre utilización y mantenimiento de tecnologías EE y ER realizados	Talleres	P	1	2	1,001,524	2,003,048
			P(a)	1	2	62,031	1,983,079
			A	0	0	0	0

Component Nbr. 2 Componente 2: Monitoreo y evaluación de las viviendas prototipo del proyecto

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2021	2019	EOP 2021
2.1	Laboratorios móviles de medición adquiridos y puestos en funcionamiento	Laboratorios	P	2	2	1,110,401	1,110,401
			P(a)	2	2	176,832	1,110,401
			A	0	0	0	0
2.2	Paquetes tecnológicos en viviendas instalados	Paquete Tecnológico	P	8	8	1,469,395	1,469,395
			P(a)	8	8	312,296	1,469,395
			A	0	0	0	0
2.3	Mediciones en las viviendas del proyecto realizadas (medición de clima, consumo de energia y agua, y otras variables)	Informes	P	0	1	0	3,350,813
			P(a)	0	1	104,099	3,350,814
			A	0	0	0	0

Component Nbr. 3 Componente 3: Elaboración y adopción de estándares de EE y ER

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2021	2019	EOP 2021
3.1	Estudios con lineamientos técnicos de EE y ER para vivienda social elaborados	Estudio	P	0	1	0	772,062
			P(a)	0	1	0	772,062
			A	0	0	0	0
3.2	Talleres de entrenamiento de empleados de IPV a nivel local, provincial, y nacional para promover y reforzar los nuevos lineamientos técnicos de EE y ER otorgados realizados	Talleres	P	0	1	0	232,613
			P(a)	0	1	0	232,613
			A	0	0	0	0

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 4 Componente 4: Fortalecimiento del mercado local de EE y ER

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2021	2019	EOP 2021
4.1	Pliego modelo específico para la aplicación local/regional de tecnología de EE y ER en vivienda social elaborado	Informe	P	0	1	0	531,505
			P(a)	0	1	0	531,505
			A	0	0	0	0
4.2	Elaboracion de base de datos de proveedores de EE y ER y estudio prospectivo de vivienda social realizado	Estudios	P	1	1	286,739	405,155
			P(a)	1	1	52,527	405,155
			A	0	0	0	38,416
4.3	Talleres de entrenamiento a nivel local para sectores privado y público sobre producción y aplicación de tecnologías de EE y ER realizados	Talleres	P	14	24	228,020	565,710
			P(a)	16	24	126,400	565,710
			A	0	0	0	62,020

Component Nbr. 5 Componente 5: Divulgación de Resultados

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2019	EOP 2021	2019	EOP 2021
5.1	Actividades de difusión a miembros de la comunidad sobre estrategias EE y ER realizadas	Eventos	P	8	16	554,667	1,522,051
			P(a)	8	16	403,034	1,522,050
			A	0	0	0	52,000
5.2	Plataforma web del proyecto implementada y en funcionamiento	Plataforma	P	1	1	75,247	248,269
			P(a)	1	1	62,761	248,269
			A	0	0	6,536	58,358

Other Cost

	Administración del Proyecto	P			1,004,787	4,019,146
		P(a)			229,830	4,019,146
		A			35,546	81,707

Total Cost

	Total Cost	P			45,347,153	85,411,079
		P(a)			39,830,292	85,411,079
		A			46,883	331,487

PMR Operational Report

CHANGES TO THE MATRIX

Section	Name	Reasons	Type of Change	Subtype	Modified By	Entered in the System
Outcome	GEF Performance Ratings	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Create Outcome	N/A	LFRUNGILLO	09/09/2019
	Rating of Implementation Progress (IP) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Create Outcome Indicator	N/A	LFRUNGILLO	09/09/2019
	Rating of Likelihood of Achieving Project Global Environmental Objective (DO) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Create Outcome Indicator	N/A	LFRUNGILLO	09/09/2019
	Rating of overall Risk that may affect project performance (RISK) (Scale 1 - 4, where 1 = High Risk [H] and 4 = Low Risk [L])	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Create Outcome Indicator	N/A	LFRUNGILLO	09/09/2019
Outcome indicator	Rating of Implementation Progress (IP) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Modify Outcome Indicator	Modify Historical Actual	LFRUNGILLO	09/10/2019
	Rating of Likelihood of Achieving Project Global Environmental Objective (DO) (Scale: 1 - 6, where 1 = Highly Satisfactory [HS] and 6 = Highly Unsatisfactory [HU])	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Modify Outcome Indicator	Modify Historical Actual	LFRUNGILLO	09/10/2019
	Rating of overall Risk that may affect project performance (RISK) (Scale 1 - 4, where 1 = High Risk [H] and 4 = Low Risk [L])	This change has been requested because for the annual reports to the GEF, the information will be directly taken from Convergence and it is essential to report about these ratings.	Modify Outcome Indicator	Modify Historical Actual	LFRUNGILLO	09/10/2019

PMR Operational Report

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories

Others - Technical-Sectorial Dimensions