

## Climate Technology Transfer Mechanisms and Networks in Latin America and the Caribbean

Virtual events (and links) - Lessons learned			
Title	Topic	Language	Date
<a href="#">Marco Analítico y Guía para la planeación ante el Cambio Climático y Tecnologías Ecológicamente Racionales</a>	Policy & Capacity	Spanish	06/12/2019
<a href="#">Energía - Mecanismos y Redes de Transferencia de Tecnologías de Cambio Climático en Latinoamérica y el Caribe</a>	Energy	Spanish	3/23/2021
<a href="#">Energy - Climate Technology Transfer Mechanisms and Networks in LAC</a>	Energy	English	3/23/2021
<a href="#">Transporte - Mecanismos y Redes de Transferencia de Tecnologías de Cambio Climático en Latinoamérica y el Caribe</a>	Transport	Spanish	12/2/2020
<a href="#">Transport - Climate Technology Transfer Mechanisms and Networks in LAC</a>	Transport	English	12/2/2020
<a href="#">Monitoreo Forestal - Mecanismos y redes de transferencia de tecnologías de cambio climático en ALC</a>	Forest Monitoring	Spanish	10/21/2020
<a href="#">Forest Monitoring - Climate Technology Transfer Mechanisms and Networks in LAC</a>	Forest Monitoring	English	10/21/2020
<a href="#">Agricultura - Mecanismos y Redes de Transferencia de Tecnologías de Cambio Climático en Latinoamérica y el Caribe</a>	Agriculture	Spanish	11/4/2020
<a href="#">Agriculture - Climate Technology Transfer Mechanisms and Networks in LAC</a>	Agriculture	English	11/4/2020
<a href="#">Informal and Semiformal Services in Latin America: An Overview of Public Transportation Reforms.</a>	Transport	English	11/18/2020

Knowledge Products (and links)			
Title	Topic	Language	Published
<a href="#">Project Agriculture Sector Website - Link</a>	Agriculture	English Spanish	2017
<a href="#">Forest Monitory project website - Link</a>	Forest Monitoring	Spanish	2016
<a href="#">Energy sector project website - Link</a>	Energy	Spanish	2016
<a href="#">Recomendaciones de política para la integración de tecnologías ecológicamente racionales (TER) en los sistemas nacionales de innovación (SNI)</a>	Policy & Capacity	Spanish	11/26/2019
<a href="#">Marco Analítico y Guía para la planeación ante el Cambio Climático y Tecnologías Ecológicamente Racionales</a>	Policy & Capacity	Spanish	12/9/2019
<a href="#">Mecanismos y Redes de Transferencia de Tecnologías de Cambio Climático en Latinoamérica y el Caribe: Experiencias en Eficiencia Energética y Energías Renovables</a>	Energy	English Spanish	3/22/2021
<a href="#">Etiqueta y norma de eficiencia para vehículos livianos: Beneficios, barreras y estudios de caso: una herramienta para su implementación en países latinoamericanos</a>	Transport	Spanish	9/27/2019
<a href="#">Financing Electric and Hybrid-Electric Buses 10 Questions City Decision-Makers Should Ask</a>	Transport	English	10/1/2019
<a href="#">Guía para la estructuración de sistemas de bicicletas compartidas</a>	Transport	Spanish	6/3/2020
<a href="#">Informal and Semi-formal Services in Latin America: An Overview of Public Transportation Reforms</a>	Transport	English	11/10/2020
<a href="#">Estado del monitoreo forestal en Latinoamérica y el Caribe Tipos de iniciativas y uso de tecnologías</a>	Forest Monitoring	Spanish	8/6/2019

Experiencias de monitoreo forestal en Guatemala	Forest Monitoring	Spanish	8/23/2019
Sistemas de monitoreo forestal en México	Forest Monitoring	Spanish	8/26/2019
Experiencias de monitoreo forestal en la Amazonia Legal relevantes para la mitigación del cambio climático en Brasil	Forest Monitoring	Spanish Portuguese	8/26/2019
Tecnologías para el monitoreo de impactos y emisiones de carbono del aprovechamiento forestal y de la trazabilidad de la madera en bosques naturales en Latinoamérica y el Caribe.	Forest Monitoring	Spanish	3/10/2020
Intensificación sostenible de los sistemas ganaderos frente al cambio climático en América Latina y el Caribe: estado del arte.	Agriculture	Spanish	6/14/2019
Hoja de Ruta para el escalamiento de la producción y el procesamiento del Lupino en Bolivia, Chile y Ecuador.	Agriculture	Spanish	10/4/2019
Intervenciones y tecnologías ambientalmente racionales (TAR) para la adaptación al cambio climático del sector agropecuario de América Latina y el Caribe (ALC)	Agriculture	Spanish	12/20/2019
INNOVACIÓN AGROTECH EN AMÉRICA CENTRAL Y EL CARIBE: Oportunidades y desafíos frente al cambio climático.	Agriculture	Spanish	3/2/2020
Estrategia de Fortalecimiento y aumento de la productividad del arroz en Panamá con base en el escalamiento del sistema SICA.	Agriculture	Spanish	3/20/2020
Estrategia de Diversificación y aumento de la productividad Agropecuaria en el corredor seco de Nicaragua con base en la gestión integral de recurso hídrico.	Agriculture	Spanish	6/12/2020
Innovaciones para la adaptación de la Agricultura familiar al cambio Climático en América Latina y el Caribe. Estudios de casos de éxito.	Agriculture	Spanish	5/11/2020
Blog: América Latina, el monitoreo forestal y la mitigación del cambio climático	Forest Monitoring	Spanish	Oct 2019
Blog: Lupino: A new super food?	Agriculture	English	Nov 2019
Blog: Normas de eficiencia para descarbonizar el sector transporte en América Latina	Transport	Spanish	Dec 2019

Renewable Energy & Energy Efficiency Virtual Workshops/webinars (and links)			
Title	Type	Language	Date
Net Metering and Auctions in Latin America.	Workshop/webinar	Spanish	7/06/2017
Comparative assessment of quality standards, verification procedures and consumer information tools for solar water heaters in LAC.	Workshop/webinar	Spanish	8/8/2018
Comparative assessment of regulatory and commercial frameworks for solar roofs: Brazil, Chile & Mexico.	Workshop/webinar	Spanish	9/19/2018
Estructuración de un sistema de gestión de la energía para edificios representativos de la Universidad de Buenos Aires.	Workshop/webinar	Spanish	3/1/2020
Construcción de los Escenarios de Demanda energética para Galápagos	Workshop	Spanish	6/23/2020
Contribución del sector privado hacia la carbono neutralidad: cemento y siderurgia	Workshop/webinar	Spanish	7/20/2020
Distributed generation framework fiscal policy for Guatemala	Webinar	Spanish	12/8/2020
Pilot Project Housing Labeling in CABA	Workshop/webinar	Spanish	9/17/2020

## The Geography of the Climate Technology Transfer (CTT) Renewable Energy & Energy Efficiency Project Activities



- HRTs for biomass and solar thermal, Costa Rica.



- Economic valuation of the energy potential of forest biomass in the North Huetar Region of Costa Rica.



- Sustainable behavioral standards for buildings in the Galápagos, Ecuador.



- Action plan for energy transition in the Galápagos Archipelago, 2020-2040.



- Taking advantage of energy from biomass residuals from African palm and rice (husk) agribusiness in Ecuador for the generation of distributed energy.



- Carbon Management Plan for Jalisco, Mexico.



- Fiscal policy for the use and leveraging of distributed electric generation via photovoltaic solar energy.



- HRT for building envelopes, Dominican Republic



- FV systems for 104 schools in Sanquianga, Nariño, Colombia.



- Evaluation of photovoltaic solar system and their sustainability schemes in non-interconnected zones.



- Structuring of a user regularization program for electric services focused on vulnerable populations.



- Distributed FV generation for Santa Fe, Argentina.



### Regional Renewable Energy Studies

- Case studies of Net Balance (Chile, Mexico), and Auctions (Brazil, Uruguay, and Panama).



- Comparative analysis of regulatory and commercial frameworks for solar roofs (Brazil, Mexico, and Chile).



- Case study of quality and verification standards in consumer information tools for SWH.



- Low-carbon development in Chilean cement and steel industries.



- Structuring of a management system of energy for buildings that are representative of the UBA.



- Comparative analysis of energy solutions for the Mendoza Andes, replacing the use of liquid fuels for the energy supply.



- Pilot of Household Energy Labeling in the Autonomous City of Buenos Aires - CABA.



### Regional Studies of Energy Efficiency

- Comparative evaluation of EE standards in buildings for: Argentina, Brazil, Costa Rica, Colombia, Dominican Republic, Jamaica, Panama, Peru, and Uruguay.

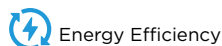


- Study of successful business models for public lighting in the LAC: Buenos Aires, Mexico City, Bucaramanga, Fortaleza, Santiago, Sonsonate.



- Comparative study of commercial and regulatory frameworks for industrial co-generation.

Source: Original graphic by the Bariloche Foundation



Energy Efficiency



Renewable Energy



## Renewable Energies

**Table 1. Studies of CTT in Renewable Energies**

	Project Name	City / country	Subject	Consultant	Direct beneficiary	Proposed/ analyzed instruments	Projection of new energy produced		Projection of emissions avoided (tonCO <sub>2eq</sub> )		Link to Synthesis Report	Results of the Final Presentation
1	Auctions of electricity from renewable energy sources in Latin America and the Caribbean: Brazil, Panama, and Uruguay (2017)	Brazil Panama Uruguay	Renewable Energy Auctions	Factor (ES)	Public entities in Latin America and the Caribbean that are charged with renewable energy management	Command control; Economic incentives; Goods provided by the government.	N.A.		N.A.		<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/2.-Resumen-Ejecutivo-Balance-Neto.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/2.-Resumen-Ejecutivo-Balance-Neto.pdf</a>	<a href="https://www.youtube.com/watch?v=EekGz900B7A">https://www.youtube.com/watch?v=EekGz900B7A</a>
2	Use of the net balance mechanism for the promotion of the generation of decentralized electricity to renewable sources in Latin America and the Caribbean: Chile and Mexico (2017)	Chile Mexico	Net Balance	Factor (ES)	Public entities in Latin America and the Caribbean that are charged with renewable energy management	Command control; Economic incentives; Goods provided by the government	N.A.		N.A.		<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/2.-Caso-Estudio-Balance-Neto-Chile.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/2.-Caso-Estudio-Balance-Neto-Chile.pdf</a>	
3	Case studies about solar water heaters for residential buildings in 6 countries in Latin America and the Caribbean (2018)	Barbados, Brazil, Colombia, Chile, Mexico and Uruguay	Solar Thermal Heaters	Christian Navntoft	Public and private entities in Latin America and the Caribbean that are interested in solar thermal energy	Command control; Economic incentives; Instruments based on information and voluntary schemes	Barbados	178923 MWh/año	Barbados	19.889 tonCO <sub>2eq</sub> /año	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="http://ledslac.org/es/2018/07/analisis-integral-del-mercado-de-calentadores-de-agua-solares-para-seis-paises-de-america-latina-y-el-caribe/">http://ledslac.org/es/2018/07/analisis-integral-del-mercado-de-calentadores-de-agua-solares-para-seis-paises-de-america-latina-y-el-caribe/</a>
							Brazil	10043482 MWh/año	Brazil	1'353.898 tonCO <sub>2eq</sub> /año		
							Colombia	80000 MWh/año	Colombia	19.220 tonCO <sub>2eq</sub> /año		
							Chile	199803 MWh/año	Chile	63.327 tonCO <sub>2eq</sub> /año		
							Mexico	2028960 MWh/año	Mexico	470.569 tonCO <sub>2eq</sub> /año		
							Uruguay	35630 MWh/año	Uruguay	1.360 tonCO <sub>2eq</sub> /año		
4	Roadmap of Technologies based on biomass residuals for thermal energy generation in the industrial sector in Costa Rica to 2030 (2017)	Costa Rica	Biomass	Consortium: EMA-CICR and Chirripó Consultores	Ministry of Industry, the Environment, and Energy of Costa Rica (MINAE)	Instruments based on information and voluntary schemes	The contribution of biomass will surpass the current 18.000 TJ to approximately 26.000 TJ.		1'321.311 tonCO <sub>2eq</sub> from 2017 to 2030		<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a> <a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/BIOMATEC_Valorizaci%C3%B3n_Biomasa-forestal_RHN_Costa-Rica_RE-1.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/BIOMATEC_Valorizaci%C3%B3n_Biomasa-forestal_RHN_Costa-Rica_RE-1.pdf</a>	
5	Roadmap of Solar Technology for the heating of water, heating, and refrigeration in residential, commercial, and industrial buildings in Costa Rica to 2030 (2017)	Costa Rica	Solar heating	Consortium: EMA-CICR and Chirripó Consultores	Ministry of Industry, the Environment, and Energy of Costa Rica (MINAE)	Instruments based on information and voluntary schemes	18,13 GWh from 2017 to 2030		5,126 tonCO <sub>2eq</sub> from 2017 to 2030		<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/4.-Resumen-Ejecutivo-Hoja-de-Ruta-Tecnol%C3%B3gica-Costa-Rica-Solar.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/4.-Resumen-Ejecutivo-Hoja-de-Ruta-Tecnol%C3%B3gica-Costa-Rica-Solar.pdf</a>



## Renewable Energies

	Project Name	City / country	Subject	Consultant	Direct beneficiary	Proposed/ analyzed instruments	Projection of new energy produced	Projection of emissions avoided (tonCO <sub>2eq</sub> )	Link to Synthesis Report	Results of the Final Presentation
6	Comparative analysis of the regulatory and commercial frameworks for the adoption of solar photovoltaic energy for commercial, residential, industrial, and public buildings in selected countries of Latin America and the Caribbean (2018)	Brazil, Chile and Mexico	Roof-installed solar photovoltaics	Ernst&Young SAS Colombia	Public and private entities in Latin America and the Caribbean interested in distributed generation with solar photovoltaics	Command control; Economic incentives	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/4.-Resumen-Ejecutivo-Hoja-de-Ruta-Tecnol%C3%B3gica-Costa-Rica-Solar.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/4.-Resumen-Ejecutivo-Hoja-de-Ruta-Tecnol%C3%B3gica-Costa-Rica-Solar.pdf</a>	<a href="http://ledslac.org/es/2018/09/analisis-comparativo-de-marcos-regulatorios-y-comercial-para-la-adopcion-de-energia-solar-fotovoltaica-en-brasil-chile-y-mexico">http://ledslac.org/es/2018/09/analisis-comparativo-de-marcos-regulatorios-y-comercial-para-la-adopcion-de-energia-solar-fotovoltaica-en-brasil-chile-y-mexico</a>
7	Distributed generation with solar photovoltaics and storage for the northeast of the Santa Fe Province, Argentina (2017)	Ceres, Tostado, San Cristobal (Santa Fe, Argentina)	Solar photovoltaic parks	ESIN-TTA Consortium	Secretary for the State of Energy in the Santa Fe Province of Argentina	Goods provided by the government; Economic incentives	56,591,42 MWh/year	39,614 tonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/Resumen-Ejecutivo-Sistemas-Solares-Caso-Argentina.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/Resumen-Ejecutivo-Sistemas-Solares-Caso-Argentina.pdf</a>	
8	Photovoltaic Systems in 104 Educational Institutions in the Sanquianga Subregion of the Government of Nariño, Colombia (2018)	Sanquianga (Nariño, Colombia)	off grid photovoltaic solar	Consortio TTA, Hemeva, Ecotourism	Government of Nariño, Colombia	Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	0,211 MWh/year	168.71 tCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/Resumen-Ejecutivo-Sistemas-Solares-Caso-Colombia.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/Resumen-Ejecutivo-Sistemas-Solares-Caso-Colombia.pdf</a>	
9	"Carbon Management Plan" of the Government of the State of Jalisco, Mexico.	Guadalajara (Jalisco, Mexico)	Roof-installed photovoltaic solar	Consortio TTA, Hemeva, Ecotourism	Secretary of the Environment and Territorial Development(SEMADET) of Jalisco	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	88.967,41 MWh/year	43.683 tonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/Resumen-Ejecutivo-Sistemas-Solares-Caso-M%C3%A9xico.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/Resumen-Ejecutivo-Sistemas-Solares-Caso-M%C3%A9xico.pdf</a>	
10	Economic valuation of the energetic potential of forest biomass in the North Huetar Region of Costa Rica, which serves as a basis for formulating policies that consolidate forestry participation among sustainable energy options.	Costa Rica	Forest biomass	Biomatec	MINAE-FONAFIFO Costa Rica	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	[Wood-burning ovens]: 8.388,65 MWh/year  [Replacement of bunker boilers]: 84.719,85 MWh/year  [CHP+P Plant]: 554.984,46 MWh/year	[Wood-burning ovens]: 18.74 tonCO <sub>2eq</sub> /year  [Replacement of bunker boilers]: 23.589 tonCO <sub>2eq</sub> /year  [CHP+P Plant]: 917,271 tonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/Enlace: http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/BIOMATEC_Valorizaci%C3%B3n_Biomasa-forestal_RHN_Costa-Rica_RE-1.pdf">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/Enlace: http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/BIOMATEC_Valorizaci%C3%B3n_Biomasa-forestal_RHN_Costa-Rica_RE-1.pdf</a>	<a href="https://www.dropbox.com/s/rtaglmznoh68ns8/BIOMATEC%20">https://www.dropbox.com/s/rtaglmznoh68ns8/BIOMATEC%20</a>



## Renewable Energies

	Project Name	City / country	Subject	Consultant	Direct beneficiary	Proposed/ analyzed instruments	Projection of new energy produced	Projection of emissions avoided (tonCO <sub>2eq</sub> )	Link to Synthesis Report	Results of the Final Presentation
11	Analysis and technical foundations for the formulation of a fiscal policy proposal that promotes the use and exploitation of distributed electricity generation derived from renewable energy sources, from the perspective of corporate responsibility.	Guatemala	Fiscal policy for distributed generation of solar photovoltaics	Factor (ES)	Ministry of Finance of Guatemala	Economic incentives; Goods provided by the government	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="http://ledslac.org/es/2020/08/propuesta-de-lineamientos-de-politica-fiscal-para-generacion-distribuida-a-rtar-de-la-energia-solar-fotovoltaica-en-guatemala/">http://ledslac.org/es/2020/08/propuesta-de-lineamientos-de-politica-fiscal-para-generacion-distribuida-a-rtar-de-la-energia-solar-fotovoltaica-en-guatemala/</a>
12	Action Plan for the Sustainable Energy Transition of the Archipelago of the Galápagos Islands, 2020-2040	Galápagos (Ecuador)	Prospective energies	Independent researchers contracted by the Bariloche Foundation	Governing Council of the Special Regime of the Galápagos (CGREG), Ministry of Energy and Non-renewable Natural Resources (MERNNR)	Command control; Economic incentives; Goods provided by the government; Instruments based on information and voluntary schemes	Assuming no changes until 2040, the reference scenario projects a final energy demand in 2030 of 440 KBEP; the scenarios for decarbonization by 2040 estimate reductions of: Low Scenario, approx. 25%; Medium Scenario, approx. 45%; High Scenario, approx. 90%.	By 2040, in the reference scenario, emissions will reach a PER CAPITA value of 4,2 tonCO <sub>2eq</sub> (currently, they are 6 tonCO <sub>2eq</sub> ).  For low, medium, and high impact decarbonization scenarios, the PER CAPITA emissions are 2.3, 1.4, and 0.25 tonCO <sub>2eq</sub> , respectively.	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://youtu.be/n8V8Z5fZjM0">https://youtu.be/n8V8Z5fZjM0</a>
13	Evaluation of isolated solar photovoltaic systems and their sustainability schemes	Colombia	Access to energy	Polytechnic University of Madrid	Mining and Energy Planning Unit of Colombia	Command control; Economic incentives; Goods provided by the government; Instruments based on information and voluntary schemes	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://www.youtube.com/watch?v=yHcS-peLAtN8">https://www.youtube.com/watch?v=yHcS-peLAtN8</a>
14	Courses of action for the sustainable use of residual biomass from the African Palm and rice (husk) agribusiness in Ecuador for the distributed generation of electrical energy	Ecuador	Agrobusiness biomass residuals	ESIN Consultores	Electric Company of Ecuador (CELEC EP)	Command control; Economic incentives; Goods provided by the government; Instruments based on information and voluntary schemes	262.2 GWh/year	150.974 tonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://www.youtube.com/watch?v=m-PaID_PZ-XY&amp;ab_channel=Fundaci%C3%B3nBariloche">https://www.youtube.com/watch?v=m-PaID_PZ-XY&amp;ab_channel=Fundaci%C3%B3nBariloche</a>

**Table 2: Studies of CTT in Energy Efficiency**

	Project Name	City / country	Subject	Consultant	Direct beneficiary	Proposed/ analyzed instruments	Projection of new energy produced	Projection of emissions avoided (tonCO <sub>2eq</sub> )	Link to Synthesis Report	Results of the Final Presentation
1	Innovative Business Models for Public Lighting in Latin America and the Caribbean	Buenos Aires, Bucaramanga, Fortaleza, Mexico City, Santiago, Sonsonate	Public lighting	Econoler	Municipalities, technology companies, investors	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-reports/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-reports /</a>
2	Roadmap for the adoption of energy efficient envelopes in public, residential, and commercial buildings in the Dominican Republic	Dominican Republic	Energy efficiency in buildings	Natural Gas Fenosa Engineering	National Energy Commission (DR)	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	3.678 kTep (153'990.504 GJ)	194.500 TonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	
3	Comparative analysis of energy efficiency standards in residential, commercial, and public buildings in Latin America and the Caribbean	Argentina, Brazil, Colombia, Costa Rica, Jamaica, Mexico, Panama, Peru, Dominican Republic, and Uruguay	Energy efficiency in buildings	Econoler	Public entities in Latin America and the Caribbean that are charged with incentivizing energy efficiency in buildings	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/3.-Resumen-Ejecutivo-An%C3%A1lisis-Comparativo-Est%C3%A1ndares-EE-en-Edificaciones.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/3.-Resumen-Ejecutivo-An%C3%A1lisis-Comparativo-Est%C3%A1ndares-EE-en-Edificaciones.pdf</a>	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2020/02/presentacion-resultados-Envolventes-2.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2020/02/presentacion-resultados-Envolventes-2.pdf</a>
4	Comparative analysis of the regulatory and commercial framework for cogeneration systems in Latin America and the Caribbean	Brazil, Colombia, Guatemala, Mexico, Nicaragua and Uruguay	Cogeneration	Alejandro Rivera Alvarez	State entities charged with fostering development of efficient energies; industries; investors	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/4.-Executive-Summary-Cogeneration.">http://fundacionbariloche.org.ar/wp-content/uploads/2019/04/4.-Executive-Summary-Cogeneration.</a>
5	Proposal of sustainable behavior standards for buildings in the Archipelago of the Galápagos in Ecuador, in the residential, commercial, and public sectors	Galápagos (Ecuador)	Energy efficiency in buildings	Fundación Tecnalia Research & Innovation	Ministry of Electricity and Renewable Energy (MEER) now MERNRR	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	
6	Preparation of inputs that allow the design of a regularization program to connect users to the electrical grid, focused on households in vulnerable socioeconomic situations in Uruguay	Uruguay	User regularization	SEG Ingeniería	Ministry of Industry, Energy, and Mining of Uruguay (MIEM)	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	According to data provided by UTE, a non-regularized household consumes 500kWh/month; following regularization, consumption decreases to approximately 207 kWh/month. The plan accounts for the regularization of 70,000 households by 2026 (1,931 GWh avoided).	47 KtONCO <sub>2eq</sub> within five years of the plan's implementation	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://us.bbcollab.com/guest/0c-61d914f2214db-5b82a789acd0110e4">https://us.bbcollab.com/guest/0c-61d914f2214db-5b82a789acd0110e4</a>





## Energy Efficiency

	Project Name	City / country	Subject	Consultant	Direct beneficiary	Proposed/ analyzed instruments	Projection of new energy produced	Projection of emissions avoided (tonCO <sub>2eq</sub> )	Link to Synthesis Report	Results of the Final Presentation
7	Low-carbon development for the cement industry in Chile	Chile	Environmentally sound technologies	Cementis - The GreenWerk	Chile's Ministry of Energy, institutions related to cement in Chile	Command control	N.A.	2.100 ktonCO <sub>2eq</sub> by 2030	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a> <a href="http://fundacionbariloche.org.ar/wp-content/uploads/2020/02/Fact-Sheet_Hoja-de-ruta-del-desarrollo-bajo-en-carbono-para-la-industria-chilena-del-cemento_2020-02-10-2.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2020/02/Fact-Sheet_Hoja-de-ruta-del-desarrollo-bajo-en-carbono-para-la-industria-chilena-del-cemento_2020-02-10-2.pdf</a>	<a href="https://bit.ly/2z4lm-qp">https://bit.ly/2z4lm-qp</a> (compressed link)
8	Low-carbon development for the steel industry in Chile	Chile	Environmentally sound technologies	EQO - NIXUS, IMPLEMENTA SUR	Ministry of Energy	Command control; Economic incentives; Goods provided by the government; instruments based on information and voluntary schemes	N.A.	205 ktonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a> <a href="http://fundacionbariloche.org.ar/wp-content/uploads/2020/02/Fact-Sheet_Hoja-de-ruta-del-desarrollo-bajo-en-carbono-para-la-industria-chilena-del-cemento_2020-02-10-2.pdf">http://fundacionbariloche.org.ar/wp-content/uploads/2020/02/Fact-Sheet_Hoja-de-ruta-del-desarrollo-bajo-en-carbono-para-la-industria-chilena-del-cemento_2020-02-10-2.pdf</a>	<a href="https://www.4echile.cl/presentations-events/contribution-of-the-private-sector-towards-carbon-neutrality-cement-and-steel">https://www.4echile.cl/presentations-events/contribution-of-the-private-sector-towards-carbon-neutrality-cement-and-steel</a>
9	Structuring of an Energy Management System based on the ISO 50001 guideline, for 4 representative buildings of the University of Buenos Aires	Argentina	Energy management	WSP	University of Buenos Aires - Assistant Secretary of Energy Efficiency and Savings -	Command control; instruments based on information and voluntary schemes	2.54 GWh/year (9'144.000 Mega-joules) equivalent to 31% of the energy consumption of the four buildings (energetics, electricity, and natural gas).	1.218 tonCO <sub>2eq</sub> /year	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://us.bbcollab.com/collab/ui/session/playback/load/8b06a-0b53adf4910a5a-09fe32449ac22">https://us.bbcollab.com/collab/ui/session/playback/load/8b06a-0b53adf4910a5a-09fe32449ac22</a>
10	Comparative analysis of energy solutions for the Mendoza Andes, replacing the use of liquid fuels for the supply of energy	Argentina	Sostenibilidad energética	Quantum S.A.	Empresa Mendocina de Energía S.A. (EMESA)	Comando Control; Incentivos económicos; Bienes provistos por el Gobierno.	3200 MWh/año parque solar en Uspallata, F.P.: 0,18.	3.450 tonCO <sub>2eq</sub> /año	<a href="http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://www.youtube.com/watch?v=5Qb-gbic9siE">https://www.youtube.com/watch?v=5Qb-gbic9siE</a>
11	Pilot of Household Energy Labeling in the Autonomous City of Buenos Aires - CABA	Argentina	Energy labeling	Foundation for the School of Engineering, Rosario	CABA Environmental Protection Agency, Assistant Secretary of Energy Efficiency and Savings, Secretary of Energy	Command control	N.A.	N.A.	<a href="http://fundacionbariloche.org.ar/en/proyecto-gef-bid-fb/fichas-e-informes/">http://fundacionbariloche.org.ar/en/proyecto-gef-bid-fb/fichas-e-informes/</a>	<a href="https://www.youtube.com/watch?v=COOK-jJc_aVs&amp;feature=youtu.be">https://www.youtube.com/watch?v=COOK-jJc_aVs&amp;feature=youtu.be</a>