



Introductory Training for the BIEE-ROSE Project on
Energy Efficiency and SDG7 monitoring in Latin
America and the Caribbean
Virtual conference January 28th 2021

Demonstration of the Energy Efficiency Policy Data Base for LACS

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How to feed the policies data base?

1. Before entering new measures in the platform, we suggest you to **list the main measures of your country**
2. **Collect all the information** needed in a Word document
3. **Classify the measures**
4. **Add the measures in the platform**

Case study

Title

National Program for Efficient Energy Use.

Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines

Minimum energy efficiency standard for refrigerators

Plan of replacement of existing lamps with LED for public lighting with subsidies

Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's

Voluntary energy rating of dwellings for their energy efficiency performance

Implementation of projects to raise the efficiency of thermal power plants

Bioenergy strategy

Removal of ownership tax for electric/hybrid vehicles

How to classify the measures?

How to classify the measures?

- We need to classify the measures regarding:
 - The sector
 - The type and sub-type
 - The end-use
 - The target
- *The classification is important for the users of the public database!*
- **Case study**: try to classify 3 measures for each topic

1- Choose the sector

Title	Sector
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	?
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Implementation of projects to raise the efficiency of thermal power plants	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

- Horizontal
- Households
- Industry
- Transport
- Services



1- Choose the sector

Title	Sector
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Households (and services)
Minimum energy efficiency standard for refrigerators	
Plan of replacement of subsidies	
Energy Efficiency Fund investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Implementation of projects to raise the efficiency of thermal power plants	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

If a measure applies to 2 sectors, the measures should be repeated both sectors, by pointing out in each of these sectors what is specific to the sector.



1- Choose the sector

Title	Sector
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Households (and services)
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	Horizontal or Industry
Voluntary energy rating of dwellings for their energy efficiency performance	
Implementation of projects to raise the efficiency of thermal power plants	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

1- Choose the sector

Title	Sector
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Households (and Services)
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	Horizontal or Industry
Voluntary energy rating of dwellings for their energy efficiency performance	
Implementation of projects to raise the efficiency of thermal power plants	Out of scope
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

1- Choose the sector

Title	Sector
National Program for Efficient Energy Use.	Horizontal
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Households (and Services)
Minimum energy efficiency standard for refrigerators	Households
Plan of replacement of existing lamps with LED for public lighting with subsidies	Services
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	Horizontal or Industry
Voluntary energy rating of dwellings for their energy efficiency performance	Households
Implementation of projects to raise the efficiency of thermal power plants	Out of scope
Bioenergy strategy	Horizontal
Removal of ownership tax for electric/hybrid vehicles	Transport

2- Choose the type and sub-type

Title	Type	Sub-type
National Program for Efficient Energy Use.		
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines		
Minimum energy efficiency standard for refrigerators		?
Plan of replacement of existing lamps with LED for public lighting with subsidies		
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's		
Voluntary energy rating of dwellings for their energy efficiency performance		
Bioenergy strategy		
Removal of ownership tax for electric/hybrid vehicles		
		<div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Mandatory information</div> <div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Regulation</div> <div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Financial</div> <div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Fiscal</div> <div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Information</div> <div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Others</div> <div style="background-color: #f9cb9c; padding: 5px; text-align: center;">Programme</div>



- Mandatory information
- Regulation
- Financial
- Fiscal
- Information
- Others
- Programme

2- Choose the type and sub-type

Title	Type	Sub-type
National Program for Efficient Energy Use.		
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Mandatory information	Energy efficiency label for electrical appliances
Minimum energy efficiency standard for refrigerators		
Plan of replacement of existing lamps with LED for public lighting with subsidies		
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's		
Voluntary energy rating of dwellings for their energy efficiency performance		
Bioenergy strategy		
Removal of ownership tax for electric/hybrid vehicles		

If there is also a standard on appliances: 2 measures

2- Choose the type and sub-type

Title	Type	Sub-type
National Program for Efficient Energy Use.		
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Mandatory information	Energy efficiency label for electrical appliances
Minimum energy efficiency standard for refrigerators		
Plan of replacement of existing lamps with LED for public lighting with subsidies	Financial	Subsidies for investments
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's		
Voluntary energy rating of dwellings for their energy efficiency performance		
Bioenergy strategy		
Removal of ownership tax for electric/hybrid vehicles		

2- Choose the type and sub-type

Title	Type	Sub-type
National Program for Efficient Energy Use.		
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Mandatory information	Energy efficiency label for electrical appliances
Minimum energy efficiency standard for refrigerators		
Plan of replacement of existing lamps with LED for public lighting with subsidies	Financial	Subsidies for investments
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's		
Voluntary energy rating of dwellings for their energy efficiency performance		
Bioenergy strategy	Programme	Renewables
Removal of ownership tax for electric/hybrid vehicles		

2- Choose the type and sub-type

Title	Type	Sub-type
National Program for Efficient Energy Use.	Programme	Energy efficiency
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Mandatory information	Energy efficiency label for electrical appliances
Minimum energy efficiency standard for refrigerators	Regulation	Standards for household appliances
Plan of replacement of existing lamps with LED for public lighting with subsidies	Financial	Subsidies for investments
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	Financial	Energy efficiency fund
Voluntary energy rating of dwellings for their energy efficiency performance	Information	Voluntary labelling
Bioenergy strategy	Programme	Renewables
Removal of ownership tax for electric/hybrid vehicles	Fiscal	Tax on the purchase of cars linked to efficiency/emissions

3- Choose the end-use

Title	End-use
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	?
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

3- Choose the end-use

Title	End-use
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	
Minimum energy efficiency standard for refrigerators	Refrigerators
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

3- Choose the end-use

Title	End-use
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	
Minimum energy efficiency standard for refrigerators	Refrigerators
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	AC and/or heating
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	


3- Choose the end-use

Title	End-use
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	
Minimum energy efficiency standard for refrigerators	Refrigerators
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	AC and/or heating
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	New cars

3- Choose the end-use

Title	End-use
National Program for Efficient Energy Use.	/
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Refrigerators, lighting, AC and washing machines
Minimum energy efficiency standard for refrigerators	Refrigerators
Plan of replacement of existing lamps with LED for public lighting with subsidies	Public lighting
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	/
Voluntary energy rating of dwellings for their energy efficiency performance	AC and/or heating
Bioenergy strategy	/
Removal of ownership tax for electric/hybrid vehicles	New cars

4- Choose the target

Title	Target
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

4- Choose the target

Title	Target
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Equipment manufacturers, General public
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

4- Choose the target

Title	Target
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Equipment manufacturers, General public
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	Public sector – Local and regional authorities
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	

4- Choose the target

Title	Target
National Program for Efficient Energy Use.	
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Equipment manufacturers, General public
Minimum energy efficiency standard for refrigerators	
Plan of replacement of existing lamps with LED for public lighting with subsidies	Public sector – Local and regional authorities
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	
Voluntary energy rating of dwellings for their energy efficiency performance	
Bioenergy strategy	
Removal of ownership tax for electric/hybrid vehicles	Vehicle manufacturers, Cars users – vehicle choice

4- Choose the target

Title	Target
National Program for Efficient Energy Use.	/
Law implementing the mandatory energy efficiency labeling for refrigerators and freezers, lamps, air conditioners and electric washing machines	Equipment manufacturers, General public
Minimum energy efficiency standard for refrigerators	Equipment manufacturers, General public
Plan of replacement of existing lamps with LED for public lighting with subsidies	Public sector – Local and regional authorities
Energy Efficiency Fund offering loans to finance energy efficiency investments for SME's	/
Voluntary energy rating of dwellings for their energy efficiency performance	General public
Bioenergy strategy	/
Removal of ownership tax for electric/hybrid vehicles	Vehicle manufacturers, Cars users-vehicle choice

How to add new measures in the platform ?

How to add new measures in the platform ? - Demonstration

<https://biece-cepal-measures.enerdata.net/admin>

Private access: login & password provided by Enerdata

Please indicate us who will be in charge of the data base in your country at laura.sudries@enerdata.net

Example of measure – Plan of replacement of existing lamps with LED for public lighting with subsidies

- **Sector:** Services
- **Title:** Plan de recambio de luminarias en alumbrado público
- **Short description :** El Plan Alumbrado Eficiente (PLAE) consiste en el reemplazo de lámparas convencionales en la vía pública por luminarias con tecnología LED a través de fondos no reembolsables del Tesoro Nacional. Este plan, alcanza tanto a municipios como a rutas provinciales.
- **Reference:** <http://servicios.infoleg.gob.ar/infolegInternet/anexos/275000-279999/277631/norma.htm>

- **General description :**

Como parte del trabajo previo al lanzamiento del Plan, se realizó de manera conjunta con diferentes entidades y empresas referentes del sector, un Proceso de Consulta la adecuación de las Especificaciones Técnicas de las luminarias. La misma fue aprobada mediante la Disposición E 6-2017 del Ministerio de Energía y Minería, impulsando el reordenamiento del mercado de luminarias LED en conformidad con los estándares de eficiencia, calidad y seguridad establecidos en ellas.

El plan está dirigido a las Provincias y/o Municipios que cumplan con los criterios de selección especificados en la reglamentación del mismo.

- **Impact evaluation :**

El recambio e instalación de luminaria LED por implementación del PLAE, superó en un 14% la cantidad de luminaria que se estimó adquirir de acuerdo a los convenios. De 75.212 unidades estimadas, se adquirieron 86.098 luminarias LED. Esto se logró por una mejora de los precios ofertados en los distintos procesos de compra.

A diciembre de 2018 se ejecutaron en forma completa 65 proyectos de recambio de luminarias de Alumbrado Público, en localidades correspondientes a 17 provincias del país. Los mismos han finalizado con la instalación y los pasos necesarios para obtener el reintegro correspondiente.

- **Background :**

El PLAE reemplaza el Programa Nacional de Uso Racional y Eficiente de la Energía (PRONUREE) vigente anteriormente.

- **More references :**

<https://www.minem.gob.ar/www/835/25592/plan-alumbrado-eficiente-plae>

User guide

English or Spanish

3. HOW TO INPUT NEW MEASURES?

3.1. Administration Interface

To add measure or modify an existing measure in the data base interface protected by a password.

3.2. Language

By default a language is selected depending on your country, with

3.3. Add or modify a measure

Click on the sector and action required (add or modify) (see screenshot)

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Guidelines of Energy Efficiency Policy Data Base for Latin America and the Caribbean

Energy Efficiency and SDG7 monitoring in Latin America and the Caribbean

November 2020

How to use the online policies data base?

Examples of use of a EE policy data base

- What policy to address fuel poverty?
- What are the good experiences on enforcing buildings codes ?
- What are the household appliances that are usually labelled?
- Which countries have Minimum Energy Efficiency Standards for households appliances ?
- How to support penetration of efficient refrigerators?
- How to replace wood with modern fuels for cooking?
- How to improve the efficiency of public lighting?
- Which policies to support the diffusion of efficient cars and electric cars ?
- How to accelerate the diffusion of solar water heaters?
- What type of measures to promote co-generation and in which industrial sector?
- What type of subsidies schemes to support refurbishment in buildings?
- Is an Energy Saving Obligation schemes useful in the region?

<https://biee-cepal-measures.enerdata.net/energy-efficiency-policies-database.html#/>

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Enerdata



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