



## VI Reunión Plenaria del Foro Técnico Regional de Planificadores de Energía – FOREPLEN

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# Overview of BIEE Energy Efficiency Policy Data Base for LACS

Laura Sudries, Bruno Lapillonne, Enerdata

# Online Policy Data Base

# Overview of BIEE Policy Data Base

- The BIEE policy data base compiles all **policy measures** in **16 Latin American\* countries** related to energy efficiency, energy access and end-use renewables\*.
- The information has been **first collected in 2021** by national representatives of each of these countries and **updated** in the third quarter **2022** .
- The data base contains presently almost 300 measures, of which around 250 are active, the others are either ended or proposed.

\*Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru and Uruguay

\*\*End-use renewables (excluding large power generation)

# Overview of BIEE Policy Data Base

- Policy measures can be queried in English\* or Spanish\*\* :
  - by **key words** (e.g. “energy poverty”, “LED”,...);
  - by **sector**;
  - by **type** : e.g. mandatory information, MEPS (Minimum Energy Performance Standards), regulation (i.e. obligation), financial (e.g. subsidies, soft loans), fiscal (taxes), etc.
- Additional **filters** can be used for a more refined query, with a search :
  - By measure **sub-type**: e.g. for regulation: minimum energy efficiency standards, obligation for large consumers (e.g. mandatory audits).
  - By **end-use** or type of appliance.
- **National teams input the measures** by sector and have to characterise the measures by selecting **key words**, a **type** and **sub-type**, an **end-use**, add a **description** of the measure and document its **impact** (if an evaluation has been made).
- The coordinator check the accuracy of the **classification** of the measures to ensure **homogeneity** and can interact for correction with the national teams.

\*<https://biee-cepal.enerdata.net/en/measures>

\*\* <https://biee-cepal.enerdata.net/es/medidas>

# Example of query of measures

- Search of measures by **sector** (e.g households here), **country** (e.g Chile, Uruguay, Brazil) and measure **type/ sub type** (e.g mandatory information/ energy efficiency labels).

Search :

More detail  8 measures found [Export](#)

Sector : Households

Country : Chile x Brazil x Uruguay x

Measure type : Mandatory energy efficiency labels x

End use : Select...

Search

Clear all

[+ More options](#)

| COUNTRY | SECTOR     | TITLE   |
|---------|------------|---|
| Chile   | Households | Refrigerator Labeling and MEPS  |
| Chile   | Households | Ovens Labeling  |
| Chile   | Households | Vacuum Cleaner Labeling   |
| Chile   | Households | Air conditioners Labeling   |
| Uruguay | Households | Energy Efficiency Labelling - Domestic electric storage water heaters                                       |
| Uruguay | Households | Energy Efficiency Labelling - Refrigerators   |
| Uruguay | Households | Energy Efficiency Labelling - Air conditioners and heat pumps (domestic or similar use) up to 6kW of cap./r |
| Uruguay | Households | Energy Efficiency Labelling - Compact Fluorescent Lamps (CFLs)  |

Table

- By clicking on a button, possibility to **enlarge** the result table
- Possibility to **export** the results of the query to **Excel**

# Query of measures with more options

- As an option, measures can also be filtered:
  - by **target** i.e. **to whom they are addressed** (e.g. general public in the example) (other targets: SME's, public sector, low income households, public buildings in services, modal shift in transport)
  - by **status** (i.e. ended, ongoing or planned)
  - by **period**,
  - by qualitative **impact** in terms of energy savings (high, medium or low).

The screenshot displays a search interface for the BIEE Policy Data Base. It features several filter sections: 'Country' with selected options 'Chile', 'Brazil', and 'Uruguay'; 'Measure type' with 'Mandatory energy efficiency labels'; 'End use' with a 'Select...' dropdown; a 'Search' button; a 'Clear all' button; and a '- Less options' link. Below these are 'Target' (selected 'General public'), 'Status' (selected 'All'), 'Starting year' (input fields for '2000' and '2010' with a 'Clear' button), and 'Semi quantitative impact' (selected 'High'). A vertical scrollbar is visible on the right side of the interface.

<https://biee-cepal.enerdata.net/measures>

# Query of measures: display of more details

- By **clicking on the title** of any measure displayed in the table, it is possible to get **more details** on each measure (e.g. case of refrigerator labeling in Chile).
- And then **a detailed description** can be **displayed** by clicking on a button
- Possibility to export the **measures description as PDF** (top right-hand corner).

**Refrigerator Labeling and MEPS**

**Measure Code**    **Country**  
HOU-CHL0028    Chile

**Short description :**  
Energy efficiency labeling is a policy aimed at providing information to consumers so that at the time of purchase they can compare and select more efficient items. Having more efficient appliances means less energy consumption for the user, which in turn translates into lower electricity bills and a lower environmental impact due to lower greenhouse gas emissions. Energy consumption labels allow the consumer to make a more reasoned choice about the products they buy.

**Reference :**  
[https://www.sec.cl/transparencia/docs2015/Resolucion\\_74.pdf](https://www.sec.cl/transparencia/docs2015/Resolucion_74.pdf)

| Status  | Issuing date | Starting date | Ending date | Semi quantitative Impact |
|---------|--------------|---------------|-------------|--------------------------|
| Ongoing | 2006         | 2007          |             | High                     |

**Types :**  
Mandatory energy efficiency labels - Labels for electrical appliances

**Target :**  
General public

**End Use :**  
Refrigerators

[+ View Detailed Measure Description](#)

[Export](#)

# List of countries and participants

The data base covers 16 countries and was updated mainly by focal points in Ministries in charge of energy

| Country     | Sources  |
|-------------|--|
| Argentina   | Secretaría de Energía, Energías Renovables y Eficiencia Energética |
| Bolivia     | Enerdata based on information from World Bank                      |
| Brasil      | Ministério de Minas e Energia                                      |
| Chile       | Ministerio de Energía  |
| Colombia    | Enerdata based on information from Ministerio de Minas y Energía   |
| Costa Rica  | SEPSE, Secretaría de Planificación del Subsector Energía           |
| Ecuador     | Ministerio de Energía y Recursos Naturales no Renovables           |
| El Salvador | Dirección de Eficiencia Energética, Consejo Nacional de Energía    |
| Guyana      | Energy and Energy Statistics Division, Guyana Energy Agency        |
| Honduras    | Director, Instituto de Investigación en Energía, UNAH              |
| México      | Dirección de Políticas y Programas, CONUEE                         |
| Nicaragua   | Enerdata based on information from CEPAL and Asamblea Legislativa  |
| Panamá      | Secretaria Nacional de Energía                                     |
| Paraguay    | Viceministerio de Minas y Energía                                  |
| Peru        | Enerdata based on information from Ministerio de Energía y Minas   |
| Uruguay     | Ministerio de Industria, Energía y Minería (MIEM)                  |



# Online demonstration

<https://biee-cepal.enerdata.net/measures>

## Contact:

Laura Sudries

Senior Energy Efficiency Analyst

[Laura.sudries@enerdata.net](mailto:Laura.sudries@enerdata.net)

Bruno Lapillonne

Scientific Director

[Bruno.lapillonne@enerdata.net](mailto:Bruno.lapillonne@enerdata.net)

[www.enerdata.net](http://www.enerdata.net)

Enerdata



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