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

Panama, December 12-13 2022

Overview of BIEE Energy Efficiency Policy Data Base for LACS

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Online Policy Data Base

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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)
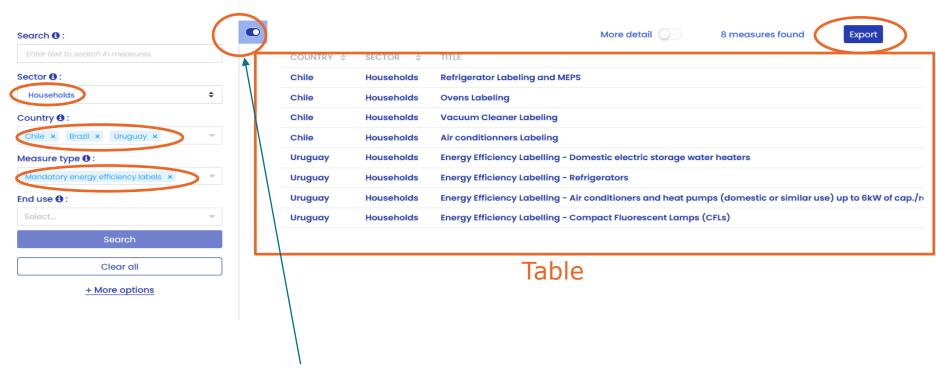
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Overview of BIEE Policy Data Base

- **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

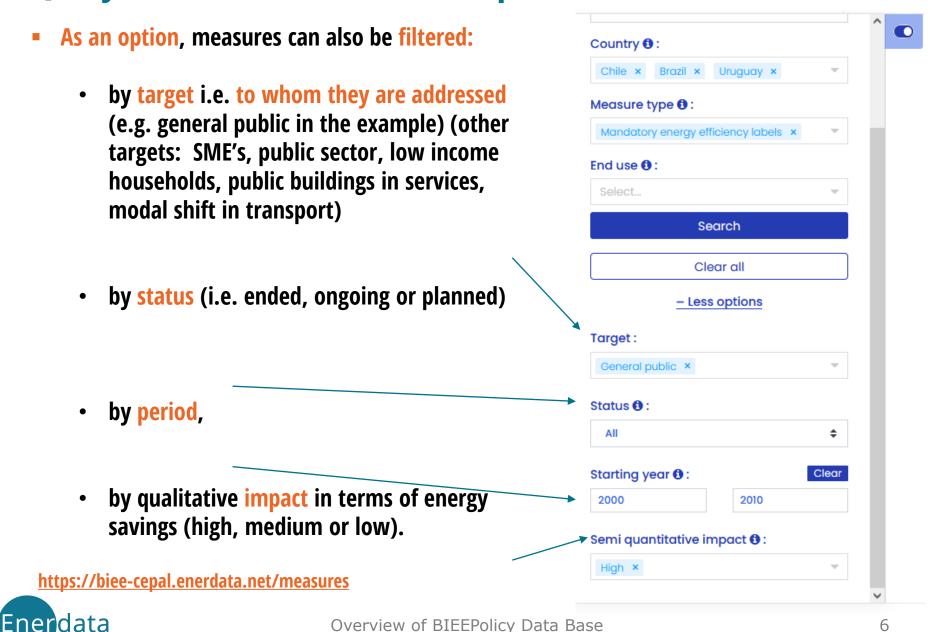Enerdata

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 ❶ :

Enter text to search in measures

Sector ❶ :

Households

Country ❶ :

Chile ×   Brazil ×   Uruguay ×

Measure type ❶ :

Mandatory energy efficiency labels ×

End use ❶ :

Select...

Search

Clear all

+ More options

More detail ⬤   8 measures found   Export

COUNTRY	SECTOR	TITLE
Chile	Households	Refrigerator Labeling and MEPS
Chile	Households	Ovens Labeling
Chile	Households	Vacuum Cleaner Labeling
Chile	Households	Air conditionners 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**

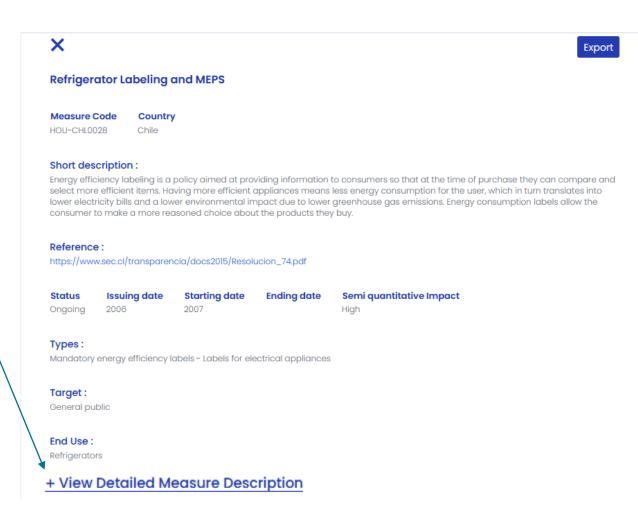# Query of measures with more options

- **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).

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

Country 🛈 :

Chile ✕   Brazil ✕   Uruguay ✕   ▼

Measure type 🛈 :

Mandatory energy efficiency labels ✕   ▼

End use 🛈 :

Select...   ▼

Search

Clear all

– Less options

Target :

General public ✕   ▼

Status 🛈 :

All   ⬍

Starting year 🛈 :   Clear

2000   2010

Semi quantitative impact 🛈 :

High ✕   ▼

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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).**

Export

✕

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

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

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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)

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Online demonstration

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

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Thank you for your attention !

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We provide research, solutions, consulting and training to key energy players worldwide.

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