

BIEE-ROSE Project on Energy Efficiency and SDG7 Monitoring in Latin America and the Caribbean

The objective of UN-ECLAC's **BIEE-ROSE**¹ programme (Regional Observatory on Sustainable Energy) is to build technical capacities in institutions responsible for formulating energy saving programmes at the national level. The project aims to use a common methodology to collect information on **energy efficiency and SDG7 monitoring**.



The project is supported by the French Development Agency (**AFD**), through the **EUROCLIMA** programme of the European commission, which aims to support countries in the Latin American and Caribbean region. It benefits from the technical support of **ADEME** and **ENERDATA**.

The project relies on two data bases covering Latin America and Caribbean countries:

- The first one on SDG7 **indicators** measures performances on energy efficiency, renewables and energy access, globally and by sector (energy, transport, industrial, residential, services and agriculture) (see <https://biee-cepal.enerdata.net/datamapper/>)



¹ BIEE : Base de Información de Eficiencia Energética; ROSE: Regional Observatory on Sustainable Energy. <https://www.cepal.org/es/proyectos/programa-biee-base-de-indicadores-de-eficiencia-energetica> <https://www.cepal.org/es/rose>

- The second database compiles national **policies** implemented by sector on energy efficiency, end-use renewables and energy access (see <https://biece-cepai.enerdata.net/measures/>)

The screenshot shows the 'Base de Información de Eficiencia Energética' website. On the left, there are search filters for Sector (Households), Country (All countries), Measure type (Regulations), and End use. The main area displays a table with 10 measures found, including details like Country, Sector, Title, Types, and Starting Date. A 'Documentation' button is visible at the bottom right of the table area.

COUNTRY	SECTOR	TITLE	TYPES	STARTING DATE
Argentina	Households	Standards for Households Appliances	Regulations	2007
Argentina	Households	Rosario ordinance	Regulations	2012
Brazil	Households	MEPS under the Steering Committee of Levels of Energy Efficiency	Regulations	2006
Brazil	Households	Energy Efficiency Law : MEPS on Refrigerators	Regulations	2007
Brazil	Households	Energy Efficiency Law: MEPS on Air Conditioning	Regulations	2007
Ecuador	Households	Labelling regulation for domestic electric devices and highly consuming devices	Regulations	2009
Ecuador	Households	Building regulations to optimize energy use in households	Regulations	2019
Mexico	Households	Mexican Official Standards for Energy Efficiency	Regulations	1995
Mexico	Households	Energy efficiency standards in residential buildings	Regulations	2011
Peru	Households	Plan for the transformation of the lighting market	Regulations	2013

These databases should help participating countries in the **formulation and monitoring of their policies** on a documented and standardised basis. Beside the overall objective of **exchanging information and practice** during regional workshops, this project includes a **training** component and **technical assistance**.

UN-ECLAC's BIEE initiative is one of the tools available to the countries of the region not only to assess and monitor complex situations, but also to deepen and promote the efficient use of energy at the national and regional level.

The challenges of this new phase of the project (2020-2021) are to update and extend the BIEE SDG7 indicators, to establish a policy data base in the region, and to evaluate the policies already implemented on energy efficiency, renewables and energy access through the publication of two **regional reports**.

Currently, the project gathers: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay.

