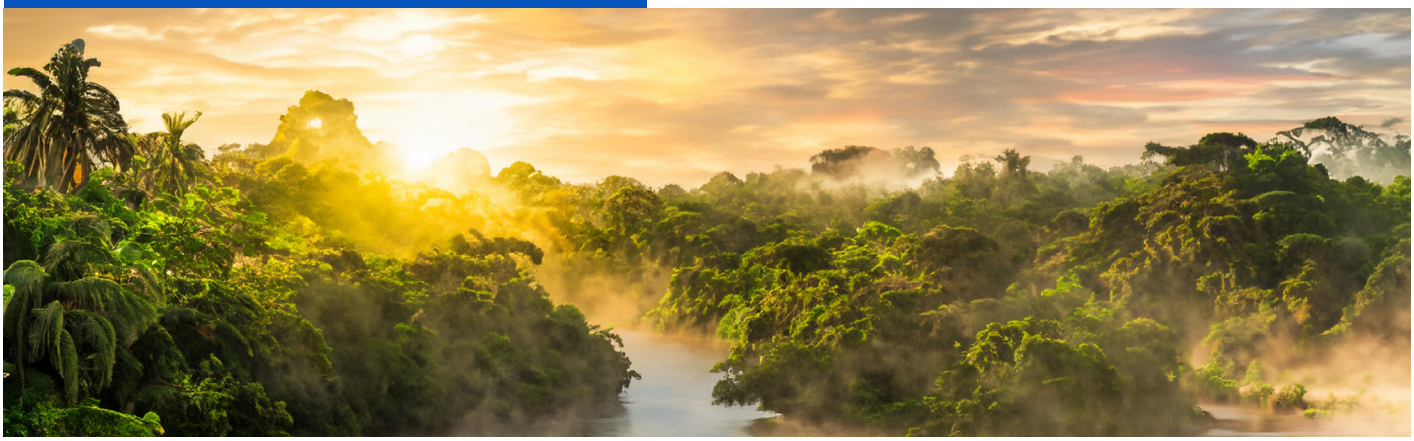


Latin America – A region of opportunities and strong momentum for a just and clean energy transition

The IEA's rich work programme, anchored in the landmark energy outlook, supports policy-making in the region

- **First-ever *Latin America Energy Outlook* explores energy demand, supply, and emission reductions as well as opportunities for the region's positioning in the emerging new energy economy**
- **Driving energy efficiency with policy advice, expert training, and industry-focused solutions across Brazil and the region**
- **Close dialogue with policymakers and with regional institutions, such as OLADE, IDB, UN ECLAC, CIER and SICA to strengthen regional energy integration and promoting people-centred clean energy transitions**

Key facts

8% of global population

7% of global GDP

5% of total cumulative energy-related GHG emissions to date

About 17 million people in the region remain without access to modern energy services today

60%

Power sector in the region is already 60% based on **renewables,** making its electricity one of the **least carbon intensive** in the world

43%

Hydropower accounts for 43% of **power generation** in the region

First-ever Latin America Energy Outlook

Produced in close cooperation with countries in the region, the report shows why Latin America has a crucial role to play in energy transitions around the world and in meeting global climate goals. It also highlights what additional measures would be needed to fulfil all energy and climate pledges made by Latin American countries, including the net zero pledges made by Latin American governments covering over half of the region's CO2 emissions.

Energy efficiency – policy advice and training

The IEA works closely with the Brazilian government's Energy Research Office to benchmark energy efficiency in key industries. We provide recommendations on how to further improve energy efficiency and decarbonisation pathways, selecting sectors that contribute significant shares of Brazil's CO2 emissions, such as freight transport, iron and steel production and the pulp and paper industry. Regional work on the social and systemic benefits of energy efficiency has been further strenghtened with the report *Boosting Efficiency in Latin America* (2023).

In December 2024, in partnership with the Ministry of Mines and Energy of Brazil and the Development Bank of Latin America (CAF), the IEA organised the Latin America Energy Efficiency Policy in Emerging Economies Training Week in Sao Paulo. The training covered energy efficiency across key sectors, including buildings, appliances and equipment, industry, transport, as well as indicators and evaluation. A total of 165 policy-makers from 17 Latin American countries participated and expressed high satisfaction with the knowledge they gained and the strong energy efficiency network they have now become a part of in the region.

Increasing Increasing efficiency of appliances and promoting standards harmonisation in Latin America

The IEA contributed analysis to consultations that led to adoption of minimum energy performance standards for air conditioning by SICA. This binding policy has been adopted by six out of eight member countries so far. The policy will help lower consumer bills, cut CO2 emissions and lead to more affordable energy through avoided electricity costs. The IEA is also driving an initiative to support harmonisation of efficiency standards for a range of products in a group of leading countries in Latin America.

Innovation and RD&D data in Brazil

The IEA advised the elaboration of a new data collection system on technology innovation that provides crucial information to shape clean energy research in Brazil. This work culminated in the publication of a resolution by the Brazilian National Council for Energy Policy that prioritised public RD&D investments. This resolution now guides the oil and gas industry as well as power regulators ANEEL and ANH to allocate innovation resources from regulated companies into work on hydrogen, nuclear, biofuels, energy storage, sustainable thermoelectric generation, digital transformation and strategic minerals.

Hydrogen

The *IEA's Global Hydrogen Review 2024* included a special chapter on Latin America to explore the status and outlook for low-carbon hydrogen development in the region and assess key policy challenges and opportunities lying ahead. This analysis was produced in close collaboration with the regional H2LAC initiative, funded by GIZ, World Bank, UN ECLAC, Euroclima+, and in consultation with Latin American governments.

Regional energy integration

The IEA provided continuous support and input to regional energy integration initiatives (SICA, SINEA, SIESUR), in partnership with leading regional organisations like OLADE, IDB, CIER and UN ECLAC. The IEA actively contributed to high-level and technical workshops and shared good practice to help countries advance on regional interconnection efforts.

People-centred transitions

Building on the Latin America Energy Outlook, the IEA produced analysis on the surge of community-based energy solutions in the region and the challenges and opportunities to close the clean cooking gap. The IEA also promotes technical dialogue through regular online an in-person events around energy access and energy affordability.

Opportunities for engagement

- **Tailored policy advice based on the Latin America Energy Outlook –** The IEA continues to work closely together with countries in the region to translate the findings of the report into tailored policy and regulatory measures guided by strategic priorities for selected sectors.
- **Clean hydrogen production and critical minerals development –** - The emerging new energy economy presents great opportunities for Latin America to sustainably develop natural resources. The IEA is working with countries in the region to bring together key decision-makers from mining and energy agencies to promote national and regional policy dialogue and sustainable development in these sectors.
- **Energy efficiency –** The IEA's work on energy efficiency focuses on advancing regional cooperation on doubling energy efficiency target and on regional energy efficiency policy in priority economic sectors. It includes data collection, roadmaps and diagnostics for several countries and on promoting the deployment of efficient appliances and products.
- **Support to Brazil's National Energy Transition Plan (PLANTE) –** Brazil is developing a comprehensive National Energy Transition Plan. At Brazil's request, the IEA will support the review and drafting process to ensure alignment with regional and global energy transition efforts.

This work is supported by the **Clean Energy Transitions Programme,** the IEA's flagship programme for taking action to achieve a clean energy transformation worldwide.

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