

Japan Invests \$43 Million in Ecuador's Chachimbiro Geothermal Project

October 16, 2024



Japan has made a significant investment of \$43 million in Ecuador's Chachimbiro geothermal project, a key step towards diversifying the country's energy sources and enhancing its energy independence.

The Chachimbiro project, located in the Imbabura province, involves the development of a 50-MW geothermal power plant. This project is crucial for Ecuador's transition to renewable energy and will contribute to the country's efforts to reduce dependence on hydroelectric power.

The investment was formalized at a ceremony in Quito attended by high-level officials from Ecuador and Japan. This collaboration underscores the importance of diversification within Ecuador's energy portfolio.

Key Benefits of the Chachimbiro Project:

The Chachimbiro project will reduce Ecuador's reliance on hydroelectric power, providing greater stability and consistency in electricity supply.

The project will save Ecuador approximately \$147.9 million in its first ten years of operation through reduced reliance on fossil fuels.

The project supports Ecuador's commitment to cutting greenhouse gas emissions and aligns with global climate goals.

The project may lead to local employment opportunities and facilitate the transfer of advanced technologies.

The Chachimbiro project is technically and financially supported by the Japan International Cooperation Agency (JICA), which ensures that the development adheres to international sustainability standards. JICA's involvement includes providing financial support and facilitating the transfer of technical expertise.

Ecuador possesses immense geothermal resources, and several other projects are in various stages of development. The Chachimbiro plant serves as a model for the viability of geothermal energy in the country and its potential to contribute to a diversified and sustainable energy mix.