



## Colombia

**Applicant:** Ministry of Environment and Sustainable Development

**National Designated Entity:** Mr. Rodrigo Suárez, Ministry of Environment and Sustainable Development

**Duration:** 6 months

**Status:** Completed

**Budget:** 60,000 USD

**Planned by:** Bariloche Foundation, supported by ECN and NREL

**Implemented by:** Bariloche Foundation, supported by ECN and NREL

# Policies for Energy Efficiency and Renewable Energy in Colombia's Industrial and Transport Sectors

## CONNECTING COUNTRIES TO CLIMATE TECHNOLOGY SOLUTIONS

The Climate Technology Centre and Network promotes the transfer of climate technologies at the request of developing countries for energy-efficient, low-carbon and climate resilient development.

By connecting stakeholders with technology experts from around the world, the CTCN delivers customized capacity building and technical assistance aligned with national climate objectives.

## CHALLENGE

The government of Colombia has implemented national policies to promote increased adoption of energy efficiency measures and renewable energy sources. The would government would like to design a mechanism to monitor and evaluate the effectiveness of its efforts and to explore additional types of incentives, in order to maintain economic growth while reducing greenhouse gas emissions.

## CTCN SUPPORT

- Evaluation of the effectiveness of existing incentives in the transport and industry sectors
- Recommendation for other relevant incentives and actions
- Development of monitoring and evaluation indicators

## EXPECTED IMPACT

- Contribution toward reaching Colombia's national emission reduction target (a 20 % reduction by 2030 against the business as usual scenario)
- Effective monitoring, evaluation and adjustment of incentive structures will economically benefit industries and stakeholders that commit to reducing their environmental and climate footprints

## THIS ASSISTANCE SUPPORTS

- Colombia's **Nationally Determined Contribution** to reduce its greenhouse gas emissions by 20 % by 2030 compared to the business as usual scenario
- The Colombian Strategy for Low Carbon Development (ECDBC), and the Program for Promotion of Rational and Efficient Use of Energy (PROURE)

## SUSTAINABLE DEVELOPMENT GOALS



### What is climate technology?

Any equipment, technique, practical knowledge or skills needed to reduce greenhouse gas emissions and/or adapt to climate change. This includes traditional, modern and high tech technologies.

### Learn more about CTCN technology transfer

Visit: [www.ctc-n.org](http://www.ctc-n.org)  
 Email: [ctcn@unep.org](mailto:ctcn@unep.org)  
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The CTCN is the operational arm of the UNFCCC's Technology Mechanism and is hosted by the United Nations Environment and the United Nations Industrial Development Organization (UNIDO).

### THE STORY

Colombia, in its ambition to follow a path of sustainable development, has passed numerous laws, policies and action plans to reduce greenhouse gas emissions in the energy sector. A key measure has been the creation of incentives for the private sector to invest in energy efficiency and renewable energy. However, the responses to these measures have been negligible, leading the country to the conclusion that an external assessment and revision of the policy tools would help to guide appropriate next steps.

CTCN partners Bariloche Foundation, the Energy Research Centre of the Netherlands (ECN) and the National Renewable Energy Laboratory (NREL) assessed the performance and efficiency of the economic incentives implemented in the industry and transport sectors by Resolution 186 in 2012 and identified a number of economic and institutional barriers to successful tax incentives, along with a lack of alignment of selected tools with sector targets and effective monitoring and evaluation. Based on these findings, the CTCN developed indicators and recommendations for revised energy policies. These recommendations have since directly contributed to the development of Colombia's National Indicative Action Plan for Energy Efficiency 2017-2022.

### The CTCN gratefully acknowledges the support of :

