

SDG7 Energy Compact of Colombia
A next Decade Action Agenda to advance SDG7 on sustainable energy for all, in line with the goals of the Paris Agreement on Climate Change

SECTION 1: AMBITION

1.1. Ambitions to achieve SDG7 by 2030. *[Please select all that apply, and make sure to state the baseline of each target]*

developing countries, in accordance with their respective programs of support.	
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1.2. Other ambitions in support of SDG7 by 2030 and net-zero emissions by 2050.

Target(s): Reduction of 11.2 Mton of CO2 eq in the energy-mining sector

Time frame: 2030

Context for the ambition(s): In December 2020, the Government of Colombia presented and update on its Nationally Determined Contribution (NDC 2020) and it is currently in the process of formulating the Long-Term Climate Strategy E2050, to comply with the commitments Paris Agreement. In 2018, the energy-mining sector was the first to adopt a Comprehensive Climate Change Management Plan (PIGCCme, for its Spanish acronym), which, as defined by national law, is the instrument through which the different Ministries establish guidelines for industries to manage climate change. This Plan established certain goals for 2030, and contains strategic lines, actions, and activities.

Taking into account the updated NDCs, since the beginning of 2021 the energy-mining sector began updating this Comprehensive Plan, now called PIGCCme 2050, where the entire Sector Strategy (2021-2030) will be updated. Subsequently, a proposal for a Long-Term Sector Climate Strategy (2050) will be developed aiming to enable opportunities for the industry to adapt to new climatic conditions and requirements of the national and international climate policy associated with achieving carbon neutrality by the year 2050.

~~It should be noted that the PIGCCme 2050 is considered a fundamental element to support Colombia's Energy Transition Law (approved in July 2021) since this Plan aims to provide inputs, actions and guidelines that allow aligning the energy policy with the national climate policy, under the permanent principle of contributing to the competitiveness and sustainability of the energy-~~

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Once the different mitigation scenarios have been modelled, a reduction in GHG emissions is expected for the energy mining sector by 2050 between 20.41 Mt CO₂ eq (51% reduction) and 31.60 Mt CO₂ eq (79% reduction) in relation to the total emissions projected by the reference scenario or baseline (40.01 Mt CO₂ eq by mid-century). It should be noted that the different GHG emission reductions presented come mainly from five mitigation options: i) diversification of the energy basket, ii) active management of demand, iii) energy efficiency, iv) control of fugitive emissions, and v) substitution of fossil fuels. Emissions from the mining and energy sector by 2050 are expected to be around 19.60 Mt CO₂ eq and 8.41 Mt CO₂ eq; emissions that will be offset and/or captured in order to achieve carbon neutrality.

As a complement to these strategies, the PIGCCme, which is being updated for 2050, aims to prepare the energy sector to face new regulatory changes and climate threats.

The potential implementation of this Plan will be feasible with the commitment, resolution, and execution of these strategic lines by the entities of the private. The Ministry of Mines and Energy seeks and promotes a series of instruments, called voluntary agreements, which aim to promote active and articulated participation between the industry and the government to fulfill this Plan.

In 2021, the Ministry of Mines and Energy signed a voluntary agreement with the electricity sector called the Alliance for Carbon Neutrality in the Electricity Sector (ASECN, for its Spanish acronym) with ten (10) of the most important companies in the sector. Within the framework of the implementation of this Alliance, the roadmap towards carbon neutrality is being developed and it is expected to be presented at the end of this year. Additionally, negotiation processes are being carried out within the oil&gas and mining subsectors in order to sign voluntary agreements with both, companies and sector associations.

<https://www.minenergia.gov.co/documents/10180//23517//15333066739365700Presentaci%C3%B3n+PIGCCME.pdf>

SECTION 2: ACTIONS

Version

SECTION 8: ENERGY COMPACT GENERAL INFORMATION

8.1. Title/name of the Energy Compact

[Achieving carbon-neutrality in the energy sector of Colombia through the integration of renewable energies and the development of voluntary agreements with key stakeholders](#)

8.2. Lead entity name (for joint Energy Compacts please list all parties and include, in parenthesis, its entity type, using entity type from below)

[Ministry of Mines and Energy of Colombia](#)

8.3. Lead entity type

Government

Local/Regional Government

Multilateral body /Intergovernmental Organization

Non-Governmental Organization (NGO)

Civil Society organization/Youth

Academic Institution /Scientific Community

Private Sector

Philanthropic Organization

Other relevant actor

8.4. Contact Information

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[Gabriela Gutierrez – Head of International Affairs – \[ggutierrez@minenergia.gov.co\]\(mailto:ggutierrez@minenergia.gov.co\)](#)

8.5. Please select the geographical coverage of the Energy Compact

Africa Asia and Pacific Europe Latin America and Caribbean North America West Asia Global

8.6. Please select the Energy Compact thematic focus area(s)

Energy Access Energy Transition Enabling SDGs through inclusive just Energy Transitions Innovation, Technology and Data Finance and Investment.

SECTION 9: ADDITIONAL INFORMATION (IF REQUIRED)

Please provide additional website link(s) on your Energy Compact, which may contain relevant key documents, photos, short video clips etc. <https://pigccme.minenergia.gov.co/>