

SUCCESS CASES OF THE STATE OF MINAS GERAIS/BRAZIL

STATE CLIMATE ACTION PLAN: PLAC-MG

Minas Gerais State Climate Action Plan

The PLAC-MG is a strategic plan for mitigation and adaptation that presents the set of government actions and goals, obtained from a rigorous and widely recognized methodology, international best practices and an extensive participatory process involving the private sector and other segments of society, necessary to achieve neutrality of net greenhouse gas emissions in the state by 2050 through an optimal trajectory (according to cost-effectiveness) and advancement of the protection, adaptation and resilience of the state territory in the face of the main threats and risks arising from present and future climate scenarios. This set is composed of 28 sectoral actions that unfold into 103 sub-actions, resulting in 299 goals to be achieved in the period between 2023-2050.

METAS

Transport	15	Agriculture	25	Energy	14
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Vulnerable Peoples and Population	08	Food Safety	09	Water security	07
Biodiversity and Ecosystems	35	Disaster Risk Management and Climate Vulnerability	17	Sustainable Development and Climate Action	17

The composition of the Plan includes priority and synergistic actions for mitigation, adaptation, climate justice and innovation, with leaders from the state secretariats in specific sub-actions that were proposed, involving all the themes necessary for a broad and integrated climate action: energy, transport, waste, industry, biodiversity and ecosystems, water security, food and nutrition security, disaster risk management, among many others. One of the most important aspects of the instrument is that it connects with several other sectoral adaptation instruments such as the Minas Gerais Water Security Plan (PMSH) that is being prepared, the State Policy for Food and Nutrition Security, among others, and proposes the elaboration of other instruments, such as the State Strategic Plan for Disaster Risk Reduction.



For more information about the project, [click here](#).

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Monitoring the Climate Action Plan of the State of Minas Gerais (PLAC-MG)

The State Climate Action Plan of Minas Gerais is the strategic instrument of general and priority guidelines and actions to conduct the planning of the Government of the State of Minas Gerais to achieve its objectives in the context of combating climate change. It aims to accelerate low-carbon sustainable development through new technologies, promote multi-level climate action, and meet local demands and expectations. Composed of 28 sectoral actions, 103 sub-actions and 299 targets, the Plan includes mitigation, adaptation, innovation and climate justice actions.

According to the monitoring of the implementation of the instrument, which began in January 2024 with the initial monitoring of 41 goals, the amount of financial resources available by the State totals approximately R\$ 145,006,026.83 in its execution.

The result of some PLAC-MG goals through their respective indicators in the 2nd quarter of 2024 is highlighted below.

Sector: Biodiversity and Ecosystems

Subaction 7.9.1.2 – Goal 2.1: Improve the Continuous Monitoring methodology using technological advances in the area of satellite image processing in the deforestation detection phase.

Indicators	Periodicity	Value
Percentage increase in the occurrence of alerts smaller than 1 hectare.	Quarterly	435.9%
Percentage of deforested area in relation to the total area of the state.	Quarterly	0.02%

Note: The value of the indicator "Percentage increase in the occurrence of alerts smaller than 1 hectare" refers to the percentage increase of the indicator in relation to the same period prior to the conclusion of the Sub-action

Sector: Biodiversity and Ecosystems

Subaction 7.9.2.3 – Goal 3.1: Provide technical support and/or provide tools to support owners or possessors for the environmental regularization of rural properties.

Indicators	Periodicity	Value
Number of State Forestry Institute (IEF) hub nurseries that have been restructured or are in the process of restructuring	Annual	3
Areas promoted in the IEF Forest Promotion Program and in conjunction with partners	Semiannual	22,216.50 hectares

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Sector: Energy

Sub-action 7.3.2.5 – Target 5.1: Increase the production and use of biogas and biomethane for energy consumption instead of fossil energy consumption.

Indicators	Periodicity	Value
Percentage of executed schedule items	Quarterly	40%
Percentage of expansion of biogas and biomethane production for energy consumption in the state of Minas Gerais	Annual	33%
Participation of clean energy in the state's energy matrix	Quarterly	0.63%

Sector: Healthcare

Subaction 7.7.1.6 – Goal 6.1: Reach 50% of the percentage of municipalities in the state of Minas Gerais with actions of the Environmental Health Surveillance Program Related to the risks arising from natural disasters (VIGIDESASTRES) implemented.

Indicator	Periodicity	Value
Percentage of municipalities in Minas Gerais with the VIDESASTRES program implemented	Semiannual	95.65%

Note: We started from 184 municipalities with Vigidesastres already implemented, with the goal of increasing by 50% (262 municipalities). After the agreement of Resolution 9,528/2024, 360 municipalities adhered to the Resolution; so the increase was 95.65%.

Sector: Agriculture

Sub-Action 7.2.2.5 – Goal 5.1: Carry out actions to promote the expansion of recovered areas of degraded pastures, based on methodologies and studies regulated by the Government, contributing to achieving the state goals of the ABC+ Plan proposed by the Management Group.

Indicator	Periodicity	Value not 2nd quarter
Total number of farmers served with ATER on pasture - training and/or recovery	Quarterly	2,830 farmers served in pasture: planting, conservation, recovery and division

Sector: Water Security

Subaction 7.12.1.3 – Goal 3.1: Monitor the preparation of the Minas Gerais Water Security Plan.

Indicator	Periodicity	Value
Proportion of plan products that have been delivered	Semiannual	43%

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Sector: Disaster Risk Management and Climate Vulnerability.

Subaction 7.6.1.1 – Goal 1.1: Update the Climate Vulnerability Index of the State of Minas Gerais.

Indicator	Periodicity	Value
Proporção de variáveis com dados atualizados do IMVC	Every 3 years	80%

Sector: Disaster Risk Management and Climate Vulnerability.

Subaction 7.6.1.3 – Target 3.2: Implement 150 projects for access to quality water for human consumption through the sustainable use of groundwater through the Fresh Water Program.

Indicators	Periodicity	Value
Number of Desalination Systems Implemented in the Semi-arid Region of Minas Gerais	Quarterly	58
Rural population benefited through desalination systems	Semiannual	26 thousand inhabitants

Sector: Disaster Risk Management and Climate Vulnerability.

Sub-Action 7.6.2.1 – Goal 1.2: Develop the State Strategic Plan for Disaster Risk Reduction in order to address disaster risk prevention in a broad and articulated manner, presenting actions to minimize losses and expand the capacity to cope with emergency situations and existing risks.

Indicator	Periodicity	Value
Indicator for the Elaboration of the State Strategic Plan for Disaster Risk Reduction	Quarterly	56%

Sector: Disaster Risk Management and Climate Vulnerability.

Subaction 7.6.2.4 – Goal 4.1: Implement actions, in line with the IDENE strategy, to meet the State Action Plan to Combat Desertification and Mitigate the Effects of Drought in Minas Gerais.

Indicators	Periodicity	Value
Percentage of executed schedule items	Quarterly	71%
Percentage of municipalities in a semi-arid climate in the region covered by IDENE served with the installation of simplified water supply systems and/or photovoltaic kits	Quarterly	1.91%