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## 03

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## The medicine to save the planet

We are born driven by the undeniable urgency to promote a significant transformation, guided by the conviction in a new global agenda that seeks to restore the climatic stability of our planet. At our core is the burning desire to preserve and ensure a clean ecosystem, caring for the unique biodiversity of our precious Amazon rainforest — recognized as the lungs of the world — for future generations.

We are deeply committed to go beyond mere words, translating our mission into concrete actions. We seek not only to contain damage but to effectively regenerate and strengthen our natural environment. We believe that every measure to protect the Amazon not only resonates locally but has global implications for the sustainability of our planet.

Furthermore, we are attentive to market trends and innovations in clean technologies that celebrate sustainability and social responsibility. We see these trends not only as business opportunities but as powerful tools to drive positive change. By adopting innovative practices and aligning our operations with the highest environmental standards, we aim not only to meet market expectations but to exceed them, leading the way toward a more sustainable future.

Our journey is fueled by an unwavering commitment to being catalysts for positive environmental change. We will continue to explore, innovate, and collaborate, bringing solutions that not only address the demands of the present but also pave a lasting path toward a healthier and more balanced planet.

## The risks to our planet

The fight against climate change is the great challenge of our time, as we witness a series of natural disasters intensifying due to the rise in global temperature

According to the United Nations (UN), the increase in temperatures on the planet is causing various environmental impacts, such as increased drought, higher and more severe storms, warmer and expanding oceans, loss of species, threats to food security, health risks, and an increase in poverty levels.

COP 3 Kyoto Proto 5-2% (1997)

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Annually, the Conference of the Parties (COP) takes place, which is the meeting of the United Nations Framework Convention on Climate Change, attended by representatives from various countries with the aim of discussing climate change, finding solutions to environmental problems affecting the planet, and negotiating agreements. The first COP was held in 1995 in Berlin, Germany.

A milestone in the debate on climate change was the signing of the Kyoto Protocol during COP 3 in Kyoto, Japan, in 1997. This agreement established binding emission reduction targets for industrialized countries, introducing flexible mechanisms and marking a significant advancement in global efforts.

The Kyoto Protocol holds great significance as it was the first international treaty to control the emission of greenhouse gases into the atmosphere.

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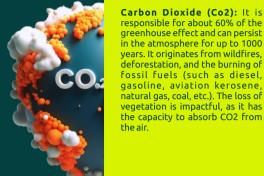
Among the goals, the Protocol established a 5.2% reduction in emissions of pollutants, especially by industrialized countries, compared to 1990. One of these goals determined a 5.2% decrease in greenhouse gas emissions during the period from 2008 to 2012, in relation to 1990. Additionally, the Protocol encouraged the creation of sustainable development practices for environmental preservation

The global concern is with global warming due to the emission of greenhouse gases (GHGs), substances capable of absorbing infrared radiation reflected by our planet after the absorption of solar radiation. The consequence of this property is the increase in Earth's surface temperature, which allowed the development of life on our planet. However, anthropogenic action has increased GHG concentrations uncontrollably, generating adverse climatic effects, including global warming.



Greenhouse gases (GHGs) are diverse, with carbon dio xide, methane, and nitrous oxide being prominent. When of human origin, they are produced through industrial processes, burning of fossil fuels, agricultural practices, use of fertilizers, and waste decomposition, among other forms. The production of these gases must be controlled, with incentives for clean and renewable energy, as well as the development of public policies that slow down their production.

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Carbon Dioxide (Co2): It is responsible for about 60% of the greenhouse effect and can persist in the atmosphere for up to 1000





An initiative: forest