

# Manifest in support of the alternative protein sector



Providing food to a fast-growing population in an ecosystem with finite resources presents us with undeniable challenges such as land use, energy provision, and water availability. In this context, one of the most significant challenges is to produce animal protein for human consumption as the demand for these products increases since the consumption of animal products is ingrained in food habits worldwide. However, production has not been on the rise at the same pace as demand. It highlights the development of cutting-edge technologies as a key strategy to create effective solutions to move the food sector up and forward. As a major food producer and exporter, Brazil shows strong potential to lead the world in solving this complex equation. Our targets can be described in two broad categories:

- (1) Sustainability in traditional production practices:** we are pioneers in developing techniques to neutralize animal farming carbon emissions. Therefore, it is necessary to strongly support developing new technologies to maintain and scale up our food production, since they will enable our traditional production methods to be more sustainable. Consequently, our products will be more competitive, and Brazil can become an unbeatable global market leader. To this end, we can reference genetic improvement processes, “Crop-Livestock-Forest” integration, rural connectivity, among others.
- (2) Development of alternative protein products:** Nowadays, we know how to manipulate plants to obtain very similar texture, taste, and aroma to animal products. Therefore, it is possible to offer the food people demand produced through different technologies. Even though this sector was established some years ago in other countries, Brazil can rapidly take the lead because of its agribusiness knowledge. In addition to plant-based technologies, it is also possible to use cultivated tissue to produce meat using cell-based technologies. It is already possible to collect an animal’s cell, multiply it in an industrial facility, and make meat without slaughtering the animals that the cells came from. The availability of these food products at scale is coming soon.

This scenario is extremely promising because alternative proteins are innovative in a global context. Brazil can become the leader in this sector because it has already been a leader in the farming industry and home to some of the world’s biggest meat companies. The research in areas related to these technologies has already begun, led by renowned institutes and universities. In addition to providing potential solutions to the challenges described previously, investing in alternative protein will bring substantial economic benefits, such as creating new careers and jobs, increasing farmers’ incomes, expanding the food sector, and increasing entrepreneurial revenue. Furthermore, leading such technologies will increase international prestige, making Brazil widely known to the global market.

For this new sector to flourish under Brazil’s leadership, fostering a favorable business environment will be crucial. Since 2017, GFI Brazil has focused its actions on connecting entrepreneurs, investors, companies, scientists, and government. One of GFI Brazil’s key goals is integrating a legal and regulatory framework into the Brazilian agricultural, scientific, technological, and economic agendas.

As an institution involved in this sector, either by commercializing ingredients or finished products, developing research, or investing, we acknowledge the role of GFI Brazil in our country and declare that we are interested in engaging with their initiatives and supporting them when suitable. We believe this is the right time for the alternative protein sector to develop. It must be part of every actor’s agenda: government, companies, research institutes, farmers, and all other agents in the food system.

# Regarding this manifesto, the organizations who sign it:



- Acknowledge and reinforce the main message: “We believe this is the right time for the alternative protein sector to develop. It must be part of every actor’s agenda: government, companies, research institutes, farmers, and all other agents in the food system.”
- Acknowledge that GFI Brazil owns credibility to advocate for the alternative protein sector’s interests during a class association’s structuration.
- Do not transfer to GFI Brazil any right to negotiate in your name or pledge responsibility for projects led by the Institute directly.
- Reaffirm this has no legal value - the Manifesto signature is a recognition of a new and important economic sector which must be in governmental and private agendas. The signature of this document does not entail any legal responsibility to the signatory. It merely means a declaration of interest in the alternative protein sector.



GREEN KITCHEN



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