THE SUSTAINABLE SUPPLY CHAIN LOGISTICS
OF BRAZILIAN SISAL PRODUCTION AND
ITS SOCIOECONOMICS IMPACTS

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Purpose: Sisal production plays a key role in the socioeconomic development of semi-arid regions in Brazil. The objective of this summary is to analyse the current working conditions of Brazilian Sisal production in the field of ergonomics and work safety, considering aspects addressed by SDG 8 - Decent work and economic growth, in order to promote inclusive and sustainable economic growth, employment full and productive as well as decent work for all.

Research Approach: The methodology consisted of a bibliographical review of Brazilian sisal production from the historical perspective to the current scenario, through institutional research sources, reports of recent interviews recorded on a streaming platform as well as publications in various magazines.

Findings and Originality: Brazil is the largest producer of sisal in the world. For decades, it became the main source of the country's rural economy, contributing to local development, despite the centralized and unequal system implemented in many Brazilian semi-arid regions. The concern with the exacerbated consumption of natural resources is a reality experienced daily by today's society and because it is a natural, renewable, biodegradable fiber, sisal is an ideal alternative with low environmental impact when compared to the production, use, and disposal of synthetic fibers, thus implementing sustainable logistics. However, this input is still very underestimated in terms of its productive power and its ability to generate products with high added value.

Research Impact: Man's productivity can be affected by the work environment in which he is inserted, therefore having infrastructure (appropriate resources and equipment) is essential to maintain the sustainable cyclical chain of Brazilian sisal. It is also worth mentioning that the production of sisal is an expanding field that has not been explored, it is necessary to cover research on "the green gold" of the Brazilian hinterland, as there is a vast lack of knowledge about it.

Practical Impact: The socioeconomic impacts resulting from the production of sisal highlight the need to seek alternatives that promote the expansion and appreciation of this input that generates millions in exports to Brazil. It is crucial to attract investors so that resources can reduce production costs, take advantage of by-products generated in the process, use techniques that increase efficiency in the production process, and add value to the chain as a whole. Changes in working conditions can make it possible to improve the quality of sisal, since the current rudimentary system, associated with the lack of adequate working conditions, safety, health, and sanitation, in addition to the low remuneration linked to verbal contracts, directly affect the life of workers involved in the production chain. Palavras-chave: Brazilian Sisal production, sustainable logistics, sustainable supply chain logistics, product quality, working conditions.
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Keywords: Brazilian Sisal production, sustainable logistics, sustainable supply chain logistics, product quality, working conditions.