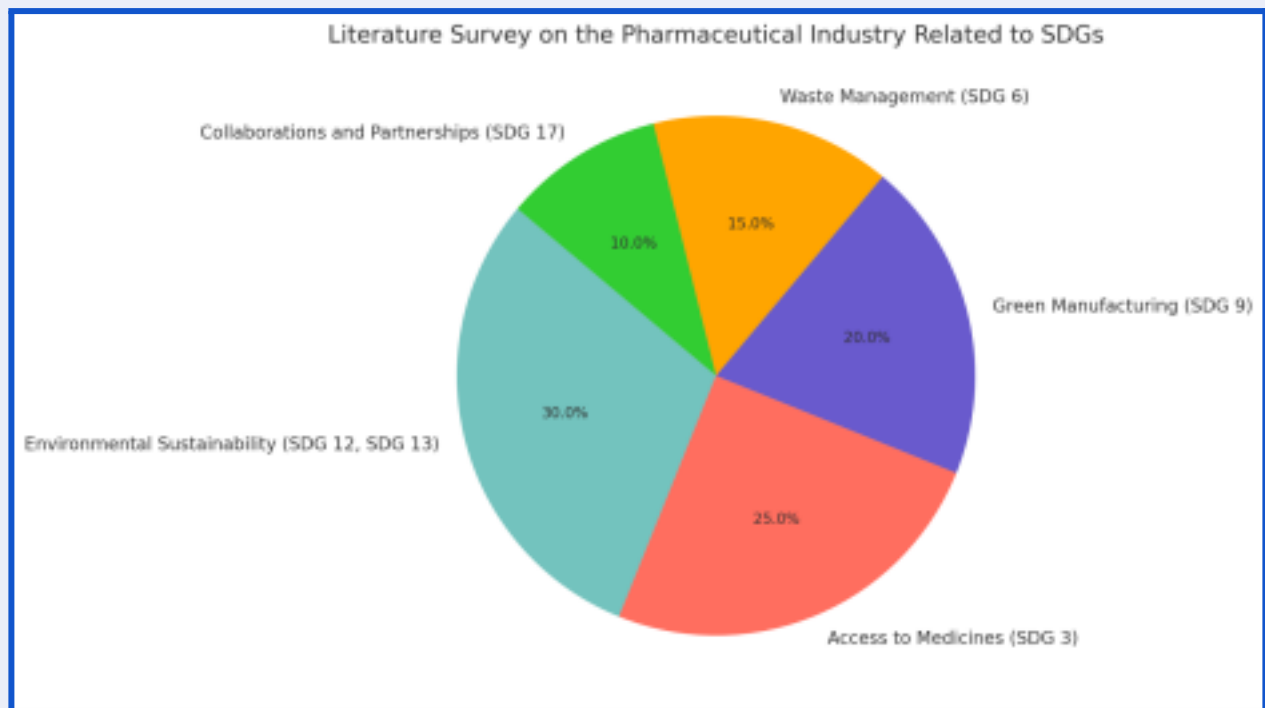


Literature survey

Sustainability in the pharmaceutical industry is an evolving research area, addressing the sector's environmental, social, and economic impacts. Various studies have analyzed sustainable manufacturing techniques, green supply chain management, pharmaceutical waste disposal, and regulatory frameworks. This literature survey examines multiple research papers, comparing their approaches to sustainability in the pharmaceutical sector.



Sr No.	Title Of The Paper	Publication Year	Summary and Impact
1	"Advancements in Large Language Models: Contextual Understanding and Generation"	2024	Summary: Reviews pharma sustainability, emphasizing net-zero, green tech, and AI. Impact: Drives industry strategies for reduced environmental impact.
2	"Applications of Sustainable Development Goals in Pharmaceutical Industry: Challenges and Opportunities"	2022	Summary: Explores pharma's SDG alignment, focusing on pollution and collaboration. Impact: Promotes sustainable practices and reporting.
3	"Carbon Emissions within the Pharmaceutical Industry"	2023	Summary: Analyses pharma's carbon footprint, advocating for decarbonization. Impact: Highlights emissions severity and pathways to reduction.
4	"The difficult marriage of the pharmaceutical industry and the sustainable development goals"	2022	Summary: Discusses tensions between profit and SDG goals, including access to medicines. Impact: Prompts discussions on responsible innovation and equity.
5	"The role of pharmaceutical industry in building resilient health system"	2022	Summary: Examines pharma's role in strengthening health systems via partnerships. Impact: Reinforces industry's role in pandemic preparedness.

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