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Abstract

The pharmaceutical industry plays a pivotal role in global health but faces growing demands to adopt sustainable and responsible business practices. This article outlines a comprehensive action plan for the pharmaceutical sector to integrate environmentally friendly processes, ethical supply chains, and equitable access to healthcare. Key focus areas include reducing carbon emissions, implementing green manufacturing technologies, and ensuring responsible waste management.

Through a detailed analysis of existing literature and real-world case studies, it identifies innovative solutions like green chemistry, circular economy models, and digital transformation to enhance operational efficiency and environmental responsibility. This research provides actionable insights to guide industry leaders toward building a resilient and sustainable future.











Keywords

Pharmaceutical Industry, Sustainable Business Practices, Green Manufacturing, Circular Economy, Ethical Supply Chain, Waste Management, Environmental Responsibility, Carbon Footprint Reduction, Green Chemistry, Digital Transformation, Sustainable Innovation, Public Health, Corporate Social Responsibility (CSR), Resource Efficiency, Regulatory Compliance.



Introduction to SDG

<div><div>1 NO POVERTY</div><div></div></div> <div>Eradicate poverty in all its forms.</div>	<div><div>2 ZERO HUNGER</div><div></div></div> <div>Ensure food security and improved nutrition.</div>	<div><div>3 GOOD HEALTH AND WELL-BEING</div><div></div></div> <div>Promote healthy lives and well-being globally.</div>	<div><div>4 QUALITY EDUCATION</div><div></div></div> <div>Ensure inclusive and equitable education for all.</div>
<div><div>5 GENDER EQUALITY</div><div></div></div> <div>Achieve gender equality and empower women.</div>	<div><div>6 CLEAN WATER AND SANITATION</div><div></div></div> <div>Ensure access to clean water and sanitation.</div>	<div><div>7 AFFORDABLE AND CLEAN ENERGY</div><div></div></div> <div>Provide sustainable and modern energy access.</div>	<div><div>8 DECENT WORK AND ECONOMIC GROWTH</div><div></div></div> <div>Promote sustainable economic growth and employment.</div>

