

**IMPLEMENTATION OF GREEN MANAGEMENT: STRATEGIES AND COMPARATIVE ANALYSIS**

**Sherbekova Kamola**

Gulistan State University

Faculty of Digital Economy and Innovations

Department of Accounting and Finance, Lecturer

E-mail: [sherbekovakamola494@gmail.com](mailto:sherbekovakamola494@gmail.com)

**Raxmatullayev O'rol**

Gulistan State University

Faculty of Digital Economy and Innovations

Accounting and audit student

E-mail: [orolboyrahmatullayev519@gmail.com](mailto:orolboyrahmatullayev519@gmail.com)

ORCID: 0009-0005-1693-3790

**Abstract:** This study explores the factors influencing the implementation of green management practices. It discusses strategies adopted by organizations over the years, analyzing their effectiveness. The research emphasizes the practical significance of integrating sustainable practices in business operations. Recommendations for enhancing green management are proposed based on data from international studies and local trends.

**Keywords:** Green management, sustainability, implementation strategies, environmental practices, comparative analysis.

**ВНЕДРЕНИЕ ЗЕЛЕННОГО МЕНЕДЖМЕНТА: СТРАТЕГИИ И СРАВНИТЕЛЬНЫЙ АНАЛИЗ**

**Аннотация:** В данном исследовании рассматриваются факторы, влияющие на внедрение методов экологичного управления. В нём рассматриваются стратегии, принятые организациями на протяжении многих лет, и анализируется их эффективность. В исследовании подчёркивается практическая значимость интеграции устойчивых практик в бизнес-процессы. Предлагаются рекомендации по совершенствованию экологичного управления на основе данных международных исследований и местных тенденций.

**Ключевые слова:** Экологичный менеджмент, устойчивое развитие, стратегии внедрения, экологические практики, сравнительный анализ.

Green management has become a cornerstone for modern businesses, aligning profitability with sustainability. Companies adopting eco-friendly practices not only contribute to environmental protection but also experience enhanced operational efficiency and a competitive edge in the market. Research indicates that green management strategies, such as green supply chain practices and innovations, lead to reduced costs, improved product quality, and higher employee satisfaction.

A study on green supply chain management (GSCM) demonstrates that integrating sustainable practices throughout the production lifecycle—such as energy-efficient designs, recycling, and reducing emissions—positively impacts both environmental sustainability and organizational performance. These practices enable companies to meet regulatory requirements, reduce waste, and appeal to environmentally conscious consumers, fostering long-term growth and competitiveness [1] Furthermore, advancements in green technologies are pivotal for industries, especially manufacturing firms, to address environmental challenges. Incorporating green innovations enhances environmental performance while meeting stakeholder expectations for sustainability. A model using the resource-based view and technology-organization- environment frameworks revealed that green practices significantly improve environmental and economic outcomes, particularly in developing economies[2] There's no alternative to sustainable development.

Even so, many companies are convinced that the more environment-friendly they become, the more the effort will erode their competitiveness. They believe it will add to costs and will not deliver immediate financial benefits.

Talk long enough to CEOs, particularly in the United States or Europe, and their concerns will pour out: Making our operations sustainable and developing “green” products places us at a disadvantage vis-à-vis rivals in developing countries that don't face the same pressures. Suppliers can't provide green inputs or transparency; sustainable manufacturing will demand new equipment and processes; and customers will not pay more for eco-friendly products during a recession. That's why most executives treat the need to become sustainable as a corporate social responsibility, divorced from business objectives.

Not surprisingly, the fight to save the planet has turned into a pitched battle between governments and companies, between companies and consumer activists, and sometimes between consumer activists and governments. It resembles a three-legged race, in which you move forward with the two untied legs but the tied third leg holds you back. One solution, mooted by policy experts and environmental activists, is more and increasingly tougher regulation. They argue that voluntary action is unlikely to be enough. Another group suggests educating and organizing consumers so that they will force businesses to become sustainable. Although both legislation and education are necessary, they may not be able to solve the problem quickly or completely.

Executives behave as though they have to choose between the largely social benefits of developing sustainable products or processes and the financial costs of doing so. But that's simply not true. We've been studying the sustainability initiatives of 30 large corporations for some time. Our research shows that sustainability is a mother lode of organizational and technological innovations that yield both bottom-line and top-line returns. Becoming environment-friendly lowers costs because companies end up reducing the inputs they use. In addition, the process generates additional revenues from better products or enables companies to create new businesses. In fact, because those are the goals of corporate innovation, we find that smart companies now treat sustainability as innovation's new frontier.

Indeed, the quest for sustainability is already starting to transform the competitive landscape, which will force companies to change the way they think about products, technologies, processes, and business models. The key to progress, particularly in times of economic crisis, is innovation. Just as some internet companies survived the bust in 2000 to challenge incumbents, so, too, will sustainable corporations emerge from today's recession to upset the status quo. By treating sustainability as a

goal today, early movers will develop competencies that rivals will be hard-pressed to match. That competitive advantage will stand them in good stead, because sustainability will always be an integral part of development.

It isn't going to be easy. Enterprises that have started the journey, our study shows, go through five distinct stages of change. They face different challenges at each stage and must develop new capabilities to tackle them, as we will show in the following pages. Mapping the road ahead will save companies time—and that could be critical, because the clock is ticking.

### Viewing Compliance as Opportunity

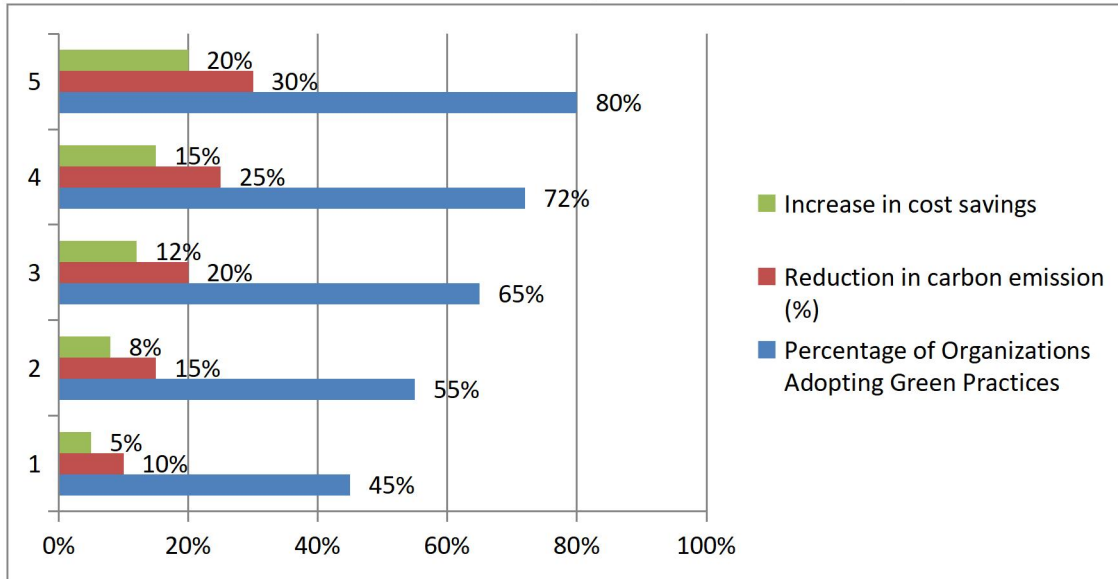
The first steps companies must take on the long march to sustainability usually arise from the law. Compliance is complicated: Environmental regulations vary by country, by state or region, and even by city. (In 2007 San Francisco banned supermarkets from using plastic bags at checkout; San Diego still hasn't.) In addition to legal standards, enterprises feel pressured to abide by voluntary codes—general ones, such as the Greenhouse Gas Protocol, and sector-specific ones, such as the Forest Stewardship Council code and the Electronic Product Environmental Assessment Tool—that nongovernmental agencies and industry groups have drawn up over the past two decades. These standards are more stringent than most countries' laws, particularly when they apply to cross-border trade.[3]

**1-Table. Name:** Trends in Green Management Implementation (2018–2022)

Year	Key Initiatives Implemented	Percentage of Organizations Adopting Green Practices	Reduction in Carbon Emissions (%)	Increase in Cost Savings (%)
2018	Basic waste management programs	45%	10%	5%
2019	Energy efficiency initiatives	55%	15%	8%
2020	Integration of renewable energy	65%	20%	12%
2021	Circular economy and recycling	72%	25%	15%
2022	Full-scale green supply chains	80%	30%	20%

### Description of Data:

- **Key Initiatives:** This shows the major environmental measures businesses prioritized each year.
- **Adoption Rates:** Demonstrates the percentage of organizations embracing green practices.
- **Carbon Emission Reductions:** Indicates the environmental impact of these measures in terms of emissions reduction.
- **Cost Savings:** Highlights the economic benefits realized from these practices.



If we analyze the diagram, from 2018 to 2022, the Percentage of Organizations Adopting Green Practices was 45% in 2018, but by 2022 this result reached 80%, which is an increase of 1.78 times. Reduction in carbon emission (%) was 10% in 2018, but by 2022 this result increased 3 times. Increase in cost savings was 5% in 2018, but by 2022 this result increased by 15%. The increase in these indicators is certainly positive for our nature, human health and cost savings.

This table is aligned with the trend of increasing corporate responsibility and regulatory pressures to adopt sustainable practices.

In conclusion, the implementation of green management is no longer a choice but a necessity for organizations striving to remain competitive in a rapidly evolving global economy. This study has highlighted the significant strides made in adopting sustainable practices over the years, as well as the challenges that persist in various sectors. The findings underscore the importance of integrating green management into strategic decision-making processes to achieve both environmental sustainability and economic benefits.

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