



TRENDS IN SUSTAINABLE ENVIRONMENT PRACTICES

Hemasri. V & Suvedha.B

III B.Com General

Dr MGR Janaki College of Arts & Science for Women, Chennai

ABSTRACT:

Over the past few years, there has been an increasing emphasis on the significance of sustainability across different industries. With consumers becoming more conscious of environmental issues, numerous companies have started incorporating sustainable practices into their operations. The year 2020 particularly stood out as a pivotal moment for environmental sustainability, marked by initiatives like "The Decade to Deliver" and offering significant opportunities for global leaders to address these challenges. In this year many organizations fell into sustainability goals. In 2023, expect to see further companies taking more planned action towards approving a circular economy such as innovation and recycling technology, reuse options, etc.,

In India, a variety of environmental sustainability practices are implemented, including energy and water conservation, minimizing single-use plastics, promoting sustainable food systems, waste reduction, encouraging healthy lifestyles, and managing e-waste. Meanwhile, some highly developed countries have seen declines in net emissions recently. Automobile companies also growing their share of gasoline-powered cars. The contemporary sustainability movement focuses not only on safeguarding the environment but also on aligning the actions of present human generations with the requirements of future generations. This essay aims to thoroughly assess the evolving trends in sustainability and their consequential effects.

KEYWORDS: Sustainable, Environment, Companies, Trends.

INTRODUCTION:

“An environment is a place where every creature lives, nurtures and sustains”. The impact of globalization and industrialization on nature has been significant. Essentially, our economic progress has come at a considerable environmental cost. Sustainable development aims to ensure a promising future for human civilizations by meeting human needs without compromising the integrity, beauty, and stability of natural systems. While conventional energy resources like coal, oil, and natural gas are likely to remain in use for the foreseeable future, the





increased adoption of renewable energy sources may lead to lower prices. Therefore, it's imperative to enhance essential measures and advancements, promoting the use of renewable energy through innovative research and technological progress. Various sustainability trends are currently influencing the global agenda.

Environment sustainability encompasses efforts to preserve the planet. It is a well-established fact that "our planet has existed for many years before humans came into existence, and it will continue to exist after we are gone." In essence, sustainability is about safeguarding ourselves and ensuring that future generations inherit a habitable world. Therefore, it is crucial to conserve natural resources for the benefit of our descendants. The recent pandemic has underscored the importance of sanitation and highlighted the value of the environment in our lives.

OBJECTIVES:

The objective of sustainable development is to achieve economic development, social equity and justice, and environmental protection. Although these three factors can ideally complement each other, they often conflict.

In the latter half of the 20th century, economic development aimed at improving living standards often resulted in environmental degradation. While economic growth remains fundamental for human development, it's crucial to shift towards practices that are less environmentally harmful.

Sustainable development aims to translate this understanding into action by transforming unsustainable habits into more sustainable ones. Its goal is to strike a balance between economic, environmental, and social needs, ensuring prosperity for both present and future generations. Sustainable development entails a holistic, long-term approach to addressing economic, environmental, and social issues to build a healthy and thriving community.

IMPORTANCE:

1. Emphasizes Sustainable Farming Practices:

Sustainable development is essential as it ensures the fulfilment of future generations' needs while mitigating the strain on our planet. It promotes agricultural methods like crop rotation and efficient seeding techniques.

2. Works to Stabilize the Climate:

The environment is grappling with climate change due to excessive reliance on fossil fuels and habitat destruction. Sustainable development advocates reducing fossil fuel usage to mitigate the release of greenhouse gases that harm the atmosphere.



3. Addresses Fundamental Human Needs:

Sustainable development prioritizes the preservation of resources for future generations and ensures equitable resource allocation. It revolves around establishing infrastructure that can be sustained over the long term.

4. Promotes Biodiversity Conservation:

Following the principles of sustainable development prevents the displacement of habitats for various animal species. By prioritizing ecosystem preservation, sustainable development actively contributes to maintaining and safeguarding biodiversity.

5. Ensures Financial Stability:

Sustainable development fosters stable economic growth by prioritizing renewable energy sources over finite fossil fuels. This approach strengthens economies by reducing reliance on limited fossil fuel reserves.

IMPACTS:

- **Reduced energy usage:**

Implementing sustainable business practices results in a significant decrease in long-term energy expenses. Quick initiatives such as transitioning to energy-efficient lighting in accordance with production schedules can lead to reduced electrical costs over time. Moreover, utilizing solar and wind energy, alongside energy-efficient equipment, helps lower monthly utility bills.

- **A Healthy Habitat for All:**

In the long term, society benefits from improved water and air quality, reduced landfills, and greater use of renewable energy sources. Sustainable practices contribute to tangible improvements in society by reducing carbon footprint and minimizing the release of toxins into the environment, promoting safety and well-being.

- **Societal Impact:**

Encouraging the conservation of natural resources should not only be integrated into company standards and brand identity but also embraced by employees and their families. Making sustainability a focal point in business sparks crucial conversations about consumerism, amplifying its social impact and reaching a broader audience.

- **Ensuring a Future for All:**

Present decisions and actions have profound long-term effects on future generations. Embracing sustainability ensures ethical choices that secure a safe and livable future for everyone. By



responsibly managing Earth's resources, we safeguard the well-being of future generations from depletion and exhaustion.

BENEFITS:

1) Promotes a Healthy Environment:

Sustainable communities boast cleaner air and water compared to non-sustainable counterparts. They feature more green spaces, which play a crucial role in improving air quality by absorbing pollutants like carbon dioxide (CO₂), nitrogen oxides (NO_x), sulfur dioxide (SO₂), and particulates emitted by vehicles, factories, and power plants.

2) Protects Natural Resources:

Sustainable communities prioritize the preservation of natural resources by recycling waste materials such as paper or plastic instead of disposing of them in landfills. This practice prevents pollutants from filtering into groundwater supplies or oceans, thereby mitigating pollution problems for both humans and wildlife.

3) Strengthens Community Bonds:

Collaborative efforts toward common goals, such as clean air and water, foster stronger bonds within communities. Knowing that others are also working towards their best interests enhances feelings of safety and unity among community members.

4) Ensures a Better Life for Present and Future Generations:

Sustainable development ensures the continued availability of natural resources without depletion, while also promoting a higher quality of life through clean air, water, and soil.

5) Helps Achieve Long-term Economic Growth:

Sustainable development is crucial for fostering sustainable economic growth by reducing pollution and waste generation. This, in turn, decreases costs incurred by businesses, such as healthcare expenses related to pollution-induced diseases or damages caused by natural disasters like floods.



DISADVANTAGES:

1) Higher Operational Costs Compared to Non-environmentally Friendly Methods:

Sustainable development often entails the use of more expensive equipment and materials, leading to higher operational expenses than non-environmentally friendly methods.

2) Fragile Commitment:

Achieving sustainable development requires strong commitment from society and governments involved in the production process to exclusively utilize environmentally friendly equipment and systems. However, such commitment can be challenging to maintain in the face of dissenting opinions or conflicting interests.

3) Mindset Shift:

Implementing sustainable practices necessitates a shift in mentality, requiring individuals and organizations to become more mindful of their actions and their impact on others, including both humans and animals.

4) Potential Unemployment:

While sustainable development can generate employment opportunities, there is also a risk that certain industries may shrink or disappear altogether due to competition from newer businesses built on sustainability principles rather than solely profit motives.

5) Criticism for Idealism or Impracticality:

Sustainable development is often criticized for being too idealistic or impractical, with some questioning its focus on economic growth or profit motives. These criticisms can be frustrating for proponents of sustainability who believe they are essential for the well-being of society.

PREVENTIVE MEASURES:

✓ Use of cost-effective methods:

The sustainability of an environment should be accomplished only by adopting various methods, but it will take more time and cost. Everyone can also use some cost-effective techniques like rainwater harvesting.



✓ Creating awareness programs:

Change of mind of people should be done in order to make everyone to include in the sustainable development. So, to change the mind of people alertness programme helps and will give a rise to new environment change.



✓ **Eco friendly products:**

The eco-friendly products are renewable in nature and will not cause any risk to the environment. The industries producing eco-friendly products can be improved and employment of various persons can also be developed simultaneously.

CHALLENGES AND TRENDS:

1) Climate Change and Public Policy:

Climate change poses the most significant challenge to both current and future generations, affecting our socio-economic fabric. It is a pressing issue that requires more dedicated research and action from policymakers and stakeholders.

2) Youth Unemployment and Poverty:

Youth unemployment and poverty persist as major issues, particularly in emerging and developing markets. Achieving ecological and resource sustainability is crucial for alleviating poverty and addressing these challenges effectively.

3) Collaborating for Sustainability:

As the world confronts increasing environmental challenges, collective efforts towards sustainability become imperative. Recognizing that we are all part of the same global community is essential, as our actions impact each other and the planet as a whole.

4) Transparency and Traceability in Supply Chains:

Establishing sustainability in business operations necessitates transparency and traceability throughout the supply chain. This remains a critical concern for sustainability, as enterprises must provide a comprehensive view of a product's lifecycle—from raw materials to the point of sale.

5) Energy Transition and Access to Renewable Energy:

A significant portion of the global population lacks access to electricity and gas, relying on fossil fuels for cooking and electricity. To promote sustainable societies, there is a critical need for an energy transition towards cleaner, more efficient models, emphasizing renewable energy sources and efficient energy usage.

6) Circular Economy Principles:

The shift towards a circular economy is emerging as a vital sustainability strategy, particularly for international corporations. Given the scarcity of natural resources, embracing circular economy



principles offers a more efficient pathway towards sustainability by promoting resource reuse and minimizing waste.

7) Diversity, Equity, and Inclusion (DEI):

In the future, companies will place greater emphasis on redefining their commitment to diversity, equity, and inclusion across all aspects of their operations, from sales to HR. It is essential for companies to integrate DEI principles throughout their missions to foster inclusivity and equity within their organizations.

8) Public Education:

Consumer awareness regarding environmentally friendly products and services often does not reflect the efforts involved in their development. Educating the public about sustainability can help combat green washing and positively influence consumer behaviour towards more sustainable choices.

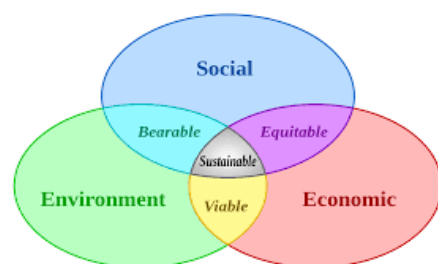
9) Regenerative Agriculture and Nature-Friendly Methods:

The G7 Leaders' commitment to achieving a net-zero and nature-positive world in 2021 highlights the importance of businesses adopting regenerative agriculture and nature-friendly practices. To contribute to a nature-positive economy, businesses must prioritize reducing harm to natural systems and enhancing their resilience and health.

10) Government Policy:

Businesses often face challenges in gaining government support for sustainable development initiatives aligned with the Sustainable Development Goals (SDGs). As a result, policy signals supporting sustainability are lacking in many areas. Political uncertainty can diminish or delay businesses' sustainability ambitions. Achieving meaningful change requires significant government involvement and support.

GLOBAL TRENDS
Challenges and Opportunities in the Implementation of the Sustainable Development Goals





CONCLUSION:

Environmental sustainability is imperative in today's era for survival and progress. Conserving natural resources for future generations is essential, and this can be achieved by embracing sustainable practices. While industrialization and consumerism have adversely affected the environment, innovative measures can mitigate these impacts. Every individual's contribution to a sustainable environment yields numerous benefits for future generations. However, achieving global agreements on sustainability faces challenges due to imbalances across various spheres of human knowledge, leading to conflicting theories and views. This diversity of ideas necessitates diverse partnerships to implement sustainability programs effectively. Embracing the ethos of "Go Green" is crucial as it aligns with our ethical responsibility to safeguard the interests of future generations by preserving the environment and conserving resources.

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