

Name & ID: Awa Keita, 2132061

Lecture's Name: Natalie Brailsford

The Role of Sustainability in the Hotel Industry

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Introduction

Sustainability is a critical issue in the hospitality industry due to its environmental impact.

Hotels consume significant energy, water, and generate waste, making sustainability essential for long-term industry viability.

Consumers are increasingly choosing eco-friendly hotels, pushing businesses to adopt greener practices (Gossling & Peeters, 2019).

This presentation explores how sustainability affects hotels through a PESTLE analysis, highlighting key challenges and solutions (Jones et al. 2020).



The Chosen Contemporary

Theme - Sustainability

Definition: Sustainability in hospitality refers to practices that reduce environmental impact while maintaining economic and social responsibility.

Relevance: Hotels contribute significantly to energy consumption, waste production, and water usage, making sustainability essential (Bohdanowicz & Zientara, 2019).

Industry Trends: Green certifications, eco-friendly architecture, and energy-efficient operations are becoming standard practices (Robinot & Giannelloni, 2018).

Consumer Influence: Guests increasingly prefer sustainable accommodations, pushing hotels to adopt responsible practices.



Literature Review Overview



Key Theories: Triple Bottom Line (People, Profit) and Sustainable Tourism Theory

Industry Findings: Hotels implementing sustainability see cost reductions and increased customer satisfaction (Sloan et al., 2020).

Regulatory Influence: Governments enforce green policies, pushing hotels to adopt sustainability practices (Hall & Gossling, 2019).

Challenges: High initial costs and operational adjustments hinder widespread adoption.

PESTLE Analysis

Introduction

Definition: PESTLE framework analyzes external factors influencing sustainability in the hotel industry.

Purpose: Helps hotels assess political, economic, social, technological, legal, and environmental drivers.

Relevance: Sustainability initiatives are shaped by government policies, consumer behavior, technological advancements, and legal requirements (Grant, 2020).

Strategic Value: Hotels use PESTLE to anticipate market trends and align sustainability efforts with industry regulations (Evans et al., 2019).



Political & Economic Impacts

Political Factors:

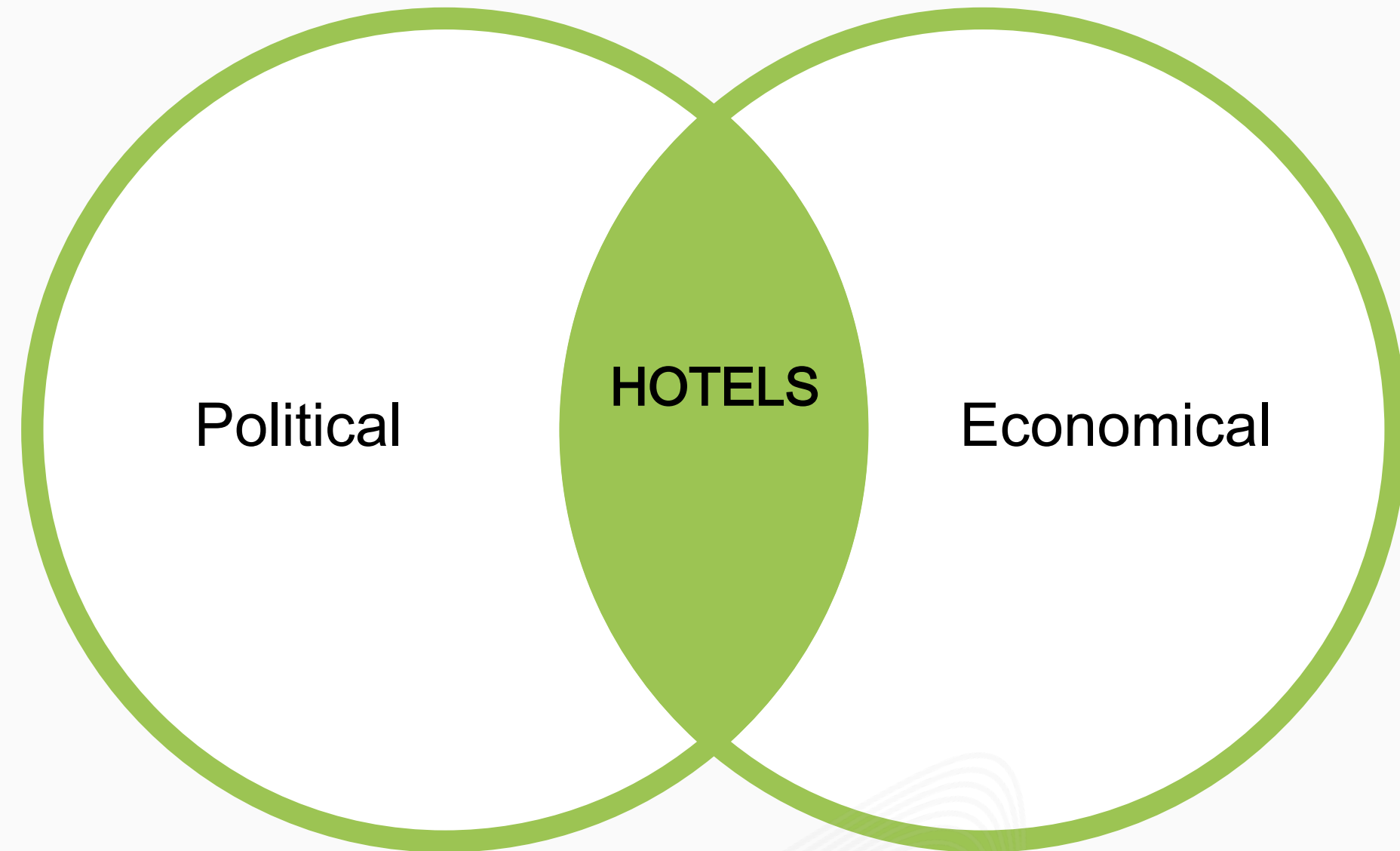
Government regulations on carbon emissions and waste management. Policies promoting green certifications and incentives for sustainable hotels (Jones & Lockwood, 2021).

Economic Factors:

Cost savings through energy efficiency and waste reduction. High initial investment in sustainable technology remains a challenge (Henderson, 2020).

Industry Response:

Hotels adopt renewable energy, sustainable sourcing, and eco-certifications to align with policies and improve financial sustainability.



Social & Technological Impacts

Social Factors:

Rising consumer demand for eco -friendly hotels and ethical tourism.

Corporate Social Responsibility (CSR) as a competitive advantage (Mason & Hopkins, 2020).

Technological Factors:

Smart energy systems, AI -driven sustainability solutions, and waste management innovations.

Renewable energy integration, such as solar panels and water - saving technologies (Chen et al., 2019).

Industry Response:

Hotels leverage sustainability certifications and digital solutions to attract eco -conscious travelers.



Legal & Environmental

Impacts

Legal Factors :

Stricter environmental laws on carbon emissions, water usage, and waste disposal.

Compliance with sustainability certifications like LEED and Green Key (Davidson & Sahota, 2021).

Environmental Factors:

Climate change pressures hotels to reduce energy consumption and waste.

Shift towards eco -friendly building materials and sustainable supply chains (Gossling & Hall, 2020).

Industry Response:

Hotels implement waste management strategies, carbon offset programs, and biodiversity conservation efforts.



Key Findings & Challenges

Key Findings:

Sustainability enhances cost efficiency, customer satisfaction, and brand reputation.

Hotels adopting green technologies see long -term financial benefits (Chan & Hsu, 2020).

Challenges:

High initial costs for energy -efficient systems and sustainable infrastructure.

Resistance to change and lack of staff training in sustainability practices (Torres & Holland, 2019).

Industry Response:

Increasing government incentives and training programs to encourage sustainability adoption.



Conclusion & Recommendations

Sustainability is a key driver for the future of the hotel industry, influencing operations, consumer behavior, and profitability.

The PESTLE analysis highlights how political regulations, economic challenges, and social trends shape sustainability efforts.

Technology and legal frameworks play a crucial role in ensuring compliance and operational efficiency.

Hotels must prioritize investment in energy-efficient systems, waste reduction, and renewable energy solutions.

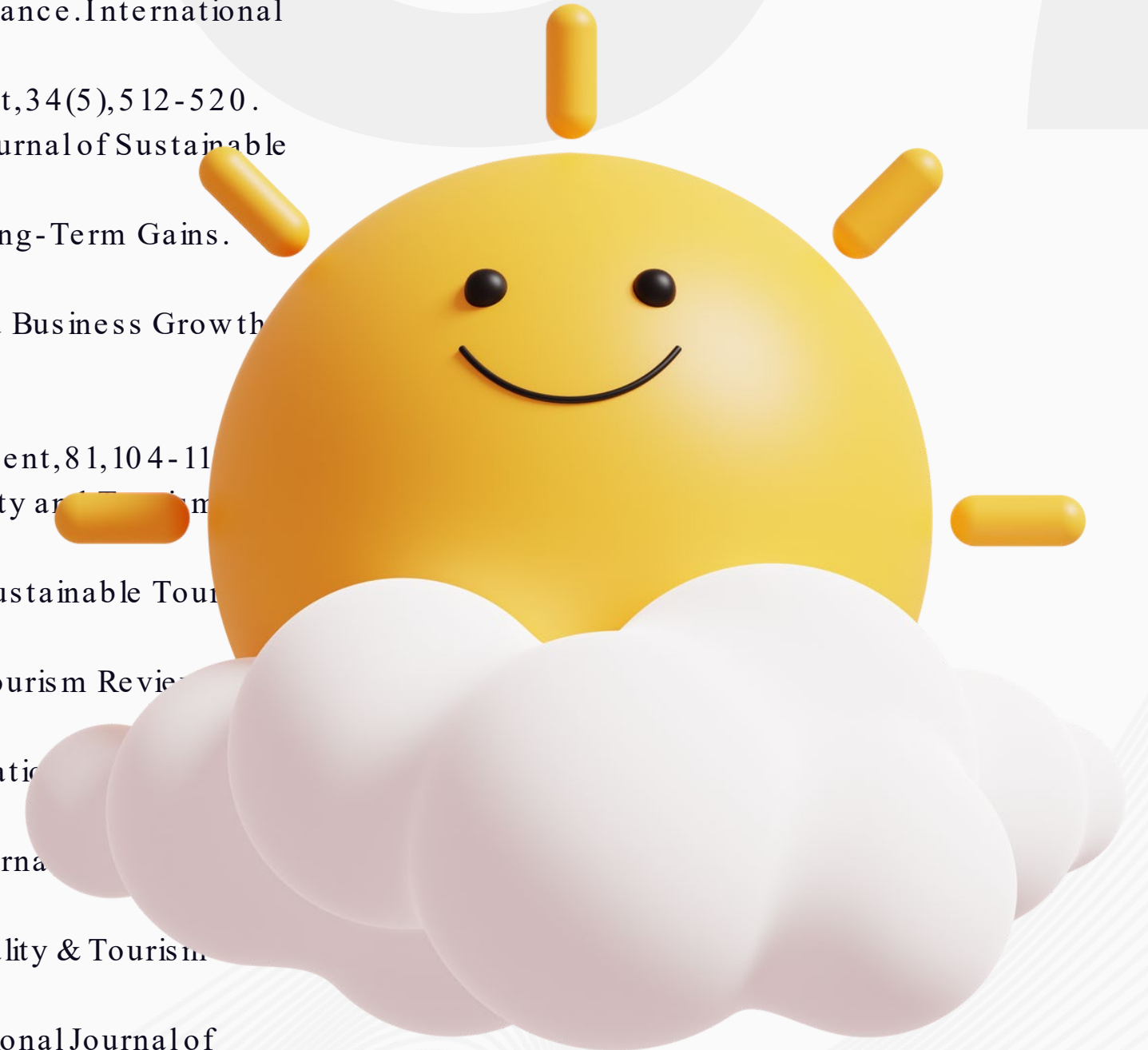
Future industry success depends on balancing profitability with environmental responsibility through innovation and policy adaptation.



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