



CURRENT MARKETING STUDIES III

Editör
Ahmet Buğra Hamşioğlu



LIVRE DE LYON

2026

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Cover Design • Motion Graphics

Book Layout • Motion Graphics

First Published • March 2026, Lyon

e-ISBN: 979-10-7023-019-0

DOI: 10.5281/zenodo.19170339

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Publisher • Livre de Lyon

Address • 37 rue marietton, 69009, Lyon France

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PREFACE

The science of marketing has taken on a new dimension in today's business and/or management landscape, driven by increasing digitalisation and the relationships established with consumers. Technological advancements, shifting consumer expectations and changes in decision-making processes have led to the evolution of marketing into an interdisciplinary and multifaceted field.

This book, titled "Current Marketing Studies III" and comprising seven chapters, this book examines marketing management, digital nomadism, consumer cynicism, digital fatigue, green marketing strategies, pricing, and logistics and supply chain management in international marketing, drawing on both academic literature and practical case studies.

I would like to extend my sincere thanks to the chapter authors who contributed to the preparation of this book, to all the reviewers whose insights have enriched the work, and to the team at Livre de Lyon Publishing. I hope this work will serve as a valuable resource for students, academics and industry professionals.

Prof. Dr. Ahmet Buğra HAMŞIOĞLU
Editor

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CHAPTER I

INTERDEPENDENCE OF MARKETING AND MANAGEMENT

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1. Introduction

Marketing and management are undoubtedly two closely linked areas that significantly influence the performance of any organization, irrespective of its sector. Management encompasses a comprehensive set of principles and guidelines designed to actualize a business's vision while ensuring its overall effective functioning. Conversely, marketing primarily focuses on the promotion and sales of various products and services aimed at addressing the swiftly evolving needs and expectations of consumers.

Though these two domains may seem distinct at first glance, they require an integrated strategic approach in today's landscape, where all planning, decision-making, and execution aimed at achieving an organization's core objectives must be carefully coordinated. Achieving this balance is essential for attaining desired outcomes and understanding the elements that contribute to sustainable competitiveness, particularly in relation to marketing activities. Once this balance is struck, the effective application of marketing strategies can lead to satisfactory organizational performance aligned with managerial capabilities.

Additionally, the ability to leverage modern technologies, prioritize innovation, and foster a collaborative work environment has resulted in a more dynamic yet somewhat intricate relationship between marketing and management.

To establish a strong and sustainable foundation for any organization, it is essential to investigate deeply into the extremely complicated concepts of marketing and management. Marketing encompasses a broad spectrum

of activities undertaken by a business with the primary goal of satisfying the diverse needs, expectations, and challenges faced by both existing and prospective customers. This is achieved through the strategic development and delivery of products and services, regardless of the organization's size, structural composition, or the industry sector in which it operates.

In today's dynamic marketplace, effective marketing is not merely about selling a product or service; it involves understanding consumer behavior, identifying market trends, and creating value propositions that resonate with target audiences. This requires a comprehensive approach that includes market research, branding, advertising, and customer relationship management, all tailored to engage and retain customers in a highly competitive environment.

Management plays a pivotal role in ensuring the efficient achievement of tasks within an organization that align with its strategic objectives. This multifaceted discipline encompasses various functions such as planning, organizing, leading, and controlling resources to attain planned outcomes. Effective management involves the prudent use of natural resources, physical assets, and human capital, all while leveraging contemporary technology to enhance productivity and operational efficiency.

1. Successful management requires optimizing the integration of these resources to formulate coherent managerial strategies that not only fulfill organizational objectives but also preserve a competitive edge in the marketplace. Achieving this requires a sophisticated understanding of both internal and external factors that influence business performance, including market dynamics, regulatory environments, and technological advancements.

2. There is, in fact, a growing emphasis on the importance of teamwork and collaboration within the management sphere. Modern organizations recognize that fostering a culture of teamwork can lead to enhanced creativity, innovation, and problem-solving capabilities. The implementation of scientific approaches and methodologies, such as data analytics and performance metrics, is also becoming increasingly prevalent in management practices. These tools enable organizations to make data-driven decisions, assess performance more accurately, and continuously improve processes and strategies.

3. A comprehensive understanding of marketing and management is essential for establishing a strong foundation for any organization. By effectively integrating these two critical areas, businesses can navigate the complexities

of the modern marketplace, respond to customer needs, and achieve long-term success.

4. The method by which an organization utilizes its resources in a manner that is both effective and efficient to reach its objectives is a multifaceted process that involves several key activities. This process not only includes meticulous planning but also necessitates careful organizing, systematic implementing, and diligent overseeing of these resources. Each of these steps plays a critical role in ensuring that the organization can achieve its goals in a timely manner.

5. Planning serves as the foundational stage where the organization delineates its objectives and outlines the strategies necessary to attain them. This involves assessing the current situation, identifying potential challenges, and determining the best course of action. Once a clear plan is established, the next step is organizing. This phase entails arranging the necessary resources—such as personnel, finances, and materials—so that they are effectively aligned with the organization's goals.

6. Implementation follows organizing and is where the theoretical plans are put into action. During this stage, the organization mobilizes its resources and executes the strategies laid out during the planning phase. It is crucial that this implementation is carried out with precision and adaptability, as unforeseen circumstances may arise that require adjustments to the original plan.

Effective Marketing Principles and Methods: In today's highly competitive landscape, effective marketing is not merely a function of promoting products or services; it is a tough process that requires a deep understanding of market dynamics and consumer behavior.

1. The core of marketing activities is intricately developed to assist organizations in attaining their objectives by fostering a market-oriented approach. This involves cultivating a creative, entrepreneurial culture within the organization that enhances innovative capabilities. By encouraging employees to think outside the box and embrace new ideas, businesses can position themselves to respond more effectively to the ever-evolving needs of their customers (Kumar et al., 2022).

2. Marketing entails the creation of a cohesive marketing strategy that is rooted in scientific methodologies and supported by modern technologies. This process includes pinpointing functional market segments that are most likely to respond positively to the organization's offerings. It also requires a careful

evaluation of potential risks associated with entering new markets or launching new products.

3. Establishing robust planning, decision-making, and implementation strategies is critical to maintaining a sustainable competitive edge in the respective economic sector. The marketing strategy must be agile, allowing for adjustments in response to changing market conditions and consumer preferences.

4. This comprehensive marketing process includes defining product policies that align with consumer expectations and brand identity. It also encompasses the management of supply chains to ensure that products are delivered efficiently and effectively to the end consumer. Furthermore, effective communication strategies must be developed to convey the value proposition of the products or services offered. Additionally, identifying existing or alternative distribution channels is crucial for maximizing reach and accessibility. All of these elements must come together seamlessly to create a cohesive marketing plan. Senior management and strategists play a pivotal role in making foundational decisions for the future, ensuring that all marketing initiatives are aligned with the organization's mission and vision.

5. In today's rapidly changing marketplace, effective marketing efforts require the identification of a dynamic, forward-thinking leader who can drive the planning process. Such a leader must possess a wealth of experience and expertise in digitalization and management, enabling them to navigate the complexities of the modern business environment. It is essential to consider whether the business operates on a local, national, or global scale, as this will significantly influence marketing strategies and outreach efforts. Tailoring marketing initiatives to the specific context of the organization is vital for achieving success.

6. It is crucial to establish a delicate balance among quality, service, and pricing for products and services produced in alignment with organizational objectives. This balance can only be achieved by conducting a thorough analysis of the competitive landscape (Shafik, 2025, Sombultawee & Boon-itt, 2018). Understanding competitors' strengths and weaknesses, as well as consumer expectations, allows organizations to position themselves effectively in the market. By prioritizing quality and service while ensuring competitive pricing, businesses can foster customer loyalty and drive long-term success.

7. Implementing strategic, tactical, and efficient management approaches is vital for achieving optimal performance and marketing success. This is based

on effective organizational governance that aligns all aspects of the business with its overarching goals. Consequently, ensuring harmonious business operations is essential for fulfilling organizational objectives in accordance with the overarching business vision. By streamlining processes, encouraging collaboration among departments, and fostering a culture of accountability, organizations can create a marketing ecosystem that not only meets but exceeds the expectations of their stakeholders. Ultimately, the successful execution of these marketing principles and methods will lead to sustained growth and profitability in an increasingly competitive marketplace.

Importance of consumer behavior: An In-Depth Exploration

Understanding customer behavior is not only essential for crafting effective marketing strategies but is also a cornerstone of successful business practices across various industries. In an increasingly competitive landscape, companies must delve into the myriad factors that influence consumer choices to fully grasp what drives purchasing decisions. At its core, customer behavior encompasses the unique traits of individuals within a market, their social and economic environments, and the intricate decision-making processes that lead them to make purchases. Given the complexity and diversity of influences that can shape this behavior on multiple levels, it is imperative to highlight several critical aspects in the related literature that warrant further examination (Kumar et. al., 2022; Ramya & Ali, 2016; Keiser University Graduate School, 2025; Yücedağ, 2005).

Factors affecting Market Condition Perceptions: The way consumers perceive market conditions—such as economic stability, availability of products, and pricing dynamics—plays a significant role in their purchasing behavior. For instance, during economic downturns, consumers may become more price-sensitive and prioritize essential purchases over luxury items. Additionally, factors such as inflation, competition, and market trends can dramatically shift consumer confidence and buying patterns.

1. **Brand Perception and Customer Loyalty:** The relationship between consumers and brands is complex, heavily influenced by how a brand is perceived in the marketplace. Strong brand recognition and positive brand associations can foster customer loyalty, encouraging repeat purchases and long-term relationships. Businesses must invest in building a brand image that resonates with their target audience and aligns with their values, as this can significantly impact consumer trust and loyalty.

2. **Demographic Factors: Gender, Age, and Educational Attainment:** Demographics play a crucial role in shaping consumer behavior. Different age groups, genders, and educational backgrounds often exhibit distinct preferences and buying habits. For example, younger consumers may prioritize digital shopping experiences and sustainability, while older generations might value traditional shopping methods and product reliability. Understanding these demographic nuances allows businesses to tailor their marketing strategies to meet the specific needs and desires of various consumer segments.

3. **Cultural Influences and Personal Beliefs:** Cultural backgrounds and personal beliefs significantly influence consumer choices. Cultural norms, values, and traditions can drive preferences for certain products or brands, impacting purchasing behavior. Moreover, individual beliefs—such as environmental consciousness or ethical considerations—can lead consumers to favor brands that align with their values. Businesses must be attuned to these cultural dynamics to effectively engage with their target audiences and create marketing messages that resonate on a deeper level.

4. **Lifestyle Choices:** The lifestyle choices of consumers, including their daily habits, interests, and activities, are pivotal in shaping their purchasing behavior. For example, consumers who prioritize health and wellness may gravitate toward organic products or fitness-related services, while those who value convenience might seek out quick and easy purchasing options. By understanding the lifestyles of their target market, businesses can align their offerings to meet the specific needs and preferences of their consumers.

In light of the five issues outlined above, a comprehensive understanding of customer behavior is essential for businesses aiming to develop effective marketing strategies. By meticulously analyzing the various factors influencing consumer decisions—such as market perceptions, brand loyalty, demographic variables, and lifestyle preferences—companies can significantly improve their ability to connect with target audiences and achieve positive outcomes. As the market landscape evolves as marketing ecosystem (Zhang & Watson, 2020) ongoing research into customer behavior will remain a vital component of strategic business growth and marketing initiatives.

At this juncture, it is essential to delve into two primary categories of purchasing behavior that play a significant role in consumer decision-making: impulsive buying and hedonic buying. While there are indeed additional types of buying behaviors that fall outside the scope of this discussion—some of which

have been explored in various scholarly works (Wang et al., 2022; Kurt et al., 2022; Tarka et al., 2022)—our focus will remain on these two pivotal categories to better understand the complexities of consumer motivations and actions.

1. **Impulsive Purchasing Behavior:** This behavior is characterized by spontaneous and often unplanned buying decisions. It is primarily influenced by two significant factors: consumers often experience an immediate and powerful desire to obtain a specific item when they come across it, irrespective of their actual needs or financial constraints. This phenomenon can be particularly pronounced in environments designed to stimulate such reactions, such as retail stores or online shopping platforms. Impulsive purchases typically occur without a structured decision-making process, as individuals frequently opt to buy right after being attracted to a product, whether due to its visual appeal, promotional discounts, or even social influences (Semiz, 2017). Key influences in this scenario include in-store promotions, which are strategically crafted to capture attention and prompt quick decisions, as well as brand loyalty, where consumers feel a connection to a particular brand that can lead to unplanned purchases. Additionally, consumers may perceive that making such a purchase will contribute positively to their happiness or satisfaction, even if the necessity for such an acquisition is questionable. This can create a cycle of impulsive behavior, where the immediate gratification derived from the purchase reinforces the likelihood of future impulsive buying.

2. **Hedonic Buying Behavior:** This type of behavior is often rooted in the pursuit of pleasure and enjoyment. It can be briefly described as the enjoyment or fulfillment that consumers experience from participating in activities, observing events, engaging in experiences, or making purchases. In this framework, hedonic buying is typically driven by emotional responses and the desire for sensory pleasure rather than practical considerations. For example, consumers may seek out luxury items, gourmet foods, or experiences such as travel and entertainment, specifically to enhance their quality of life and indulge in the moment. Such behavior usually occurs without thorough rational consideration, as the motivations are often tied to an emotional state or the aspiration to attain a certain lifestyle. This category of buying behavior highlights the importance of affective responses in shaping consumer choices, as individuals may prioritize their emotional satisfaction over more utilitarian or budgetary concerns. It should also be noted that these two types of behaviors not only reflect individual motivations but also reveal broader trends in consumer culture, emphasizing the

significant role that emotions and immediate gratification play in the purchasing process. In light of this brief explanation, it could be said that these categories allow marketers and businesses to tailor their strategies to effectively engage with consumers and meet their diverse needs and desires

2. Management and Marketing Management:

An Overview of the Four Essential Functions and Characteristics of Business Management:

The essential functions of management serve as the backbone of an effective organization, guiding it toward achieving its goals while fostering a positive and productive workplace environment. These functions, along with the key skills required in business management, create a framework for success that is both adaptable and resilient in an ever-changing business landscape (Toro, n.d.). In this context, it becomes a must to remind ourselves of the pioneering work of H. Fayol in the early 20th century, which can be concisely outlined as follows:

1. **Planning:** This foundational step is critical to the success of any organization, as it involves clearly defining the organization's vision and mission. This definition must be articulated in a manner that is easily comprehensible to all employees, ensuring that everyone is on the same page. Planning encompasses a thorough evaluation of the staffing needs of each department, considering the specific roles and responsibilities that must be fulfilled to achieve the organization's goals. This stage also includes detailing the processes that employees must adhere to in order to meet these organizational objectives, all of which should be aligned with the overarching vision. Effective planning sets the groundwork for a cohesive strategy that guides the organization through various challenges and opportunities.

2. **Organization:** This crucial function generally entails the development of an organizational structure that promotes effective communication and teamwork among staff members. A well-structured organization ensures that roles and responsibilities are clearly defined, which minimizes confusion and enhances productivity. Within this context, Human Resources (HR) plays a pivotal role, as it is responsible for objectively identifying the education, skills, and experience required for each employee. HR's efforts ensure that every team member is well-equipped to contribute effectively to the organization's objectives. Additionally, the organization must facilitate an environment where

resources are allocated appropriately, aligning personnel with tasks that best suit their strengths and capabilities.

3. **Leadership:** Supported by top management, this function focuses on cultivating an organizational climate and culture that boosts employee effectiveness and collaboration. Effective leadership is about more than just managing tasks; it involves inspiring and directing all personnel in accordance with the company's vision and mission. Leaders must be able to foster an environment that encourages innovation, motivates employees, and nurtures professional development. By establishing trust and open lines of communication, leaders can create a strong sense of community within the workplace, which is essential for building morale and ensuring that every team member feels valued and engaged.

4. **Monitoring:** This function is vital in guaranteeing that every department makes decisions and enacts policies consistent with the organization's mission from the very beginning. It involves overseeing all actions taken by the organization collectively while keeping a vigilant eye on performance metrics and outcomes. Monitoring also entails adjusting structures and job roles as needed to respond to changing circumstances and challenges. The leader's role is paramount in this process, as they strive for peak performance throughout the company. By providing constructive feedback and fostering a culture of accountability, leaders can ensure that the organization remains agile and responsive to both internal and external shifts in the business landscape.

3. Key Skills in Business Management:

In terms of managerial activities, it is crucial to possess a variety of talents and skills that are essential not only for leaders and team coaches but also for every single member of the organization. This widespread competence is necessary for the collective effort required to attain organizational goals effectively. Each individual contributes to this overarching mission, and it is vital for them to realize at least a good standard of performance in their respective roles. This emphasis on skill development and talent acquisition at all levels of the organization fosters a collaborative environment where everyone is empowered to strive for excellence and contribute meaningfully to the organization's success.

- **Technical Skills:** This encompasses a broad range of knowledge, including managerial principles, methods, rules, and relevant technical tools

that are applicable not only to managerial positions but also to the everyday tasks performed by employees. Proficiency in these technical skills is essential for effective decision-making and operational efficiency, allowing managers to address challenges and leverage opportunities effectively.

- **Human Skills:** This refers to the ability to promote adaptability and trust among team members. It is essential for managers to create an environment where open communication is encouraged, providing avenues for employee feedback and fostering collaboration between management and staff at all levels. Human skills are critical for conflict resolution, team cohesion, and the overall well-being of employees, contributing to a positive workplace culture.

- **Conceptual Skills:** This skill set involves a comprehensive understanding of both internal and external factors that relate to the company's core objectives. Managers must employ critical thinking to fully comprehend the organization's market position, identifying opportunities for growth and potential threats. Conceptual skills empower leaders to envision the bigger picture, facilitating strategic planning and informed decision-making.

- **Design Skills:** This refers directly to a leader's capability to grasp the true nature of business operations. It involves a proactive approach to addressing potential weaknesses or challenges within the organization. Design skills enable managers to create effective systems and processes that enhance efficiency and effectiveness, ensuring that the organization not only meets its current objectives but is also well-prepared for future challenges and opportunities. By continuously refining these systems, leaders can drive sustainable growth and innovation within the organization.

To achieve effective results in marketing, a strategic approach to key managerial functions and operations is essential. Managers and organizational leaders must cultivate a culture that is both adaptable and innovative, while remaining attuned to the prevailing cultural values within the market. This sensitivity enables more informed decision-making. Moreover, organizations should prioritize understanding how both current and prospective customers perceive their products and services to gain valuable insights into purchasing behaviors. Given that culture plays a significant role in shaping customer attitudes and preferences, it is crucial to recognize that individuals from individualistic cultures often demonstrate different decision-making processes compared to those from collectivist cultures. Additionally, customer perceptions are shaped by a variety of cultural backgrounds and socio-economic factors unique to their countries (Shad & Olukemi, 2024).

4. Risk Management:

In today's unpredictable business landscape, organizations face a multitude of potential risks that can threaten their stability and success. Consequently, effective risk management entails identifying, assessing, and prioritizing these risks while formulating strategies to mitigate, monitor, and control both their likelihood and impact. The primary goal of risk management is to reduce uncertainties in marketing operations across all economic sectors.

One more point is about risk management which has become very important issue, differs from the conventional approaches. As Anton et al. (2025) rightly stated that: "efficient risk management plays a major role in enhancing financial performance. This underscores the importance of adopting sustainability practices for effective risk management" (p. 20).

A well-organized control system is essential for effective risk management within organizations. This framework enables a systematic evaluation of how well decisions related to marketing activities are implemented, particularly in assessing management performance (Keiser University Graduate School, 2025). Currently, this aspect is crucial for evaluating the effectiveness of an organization's natural, physical, and human resources. The control mechanism emphasizes the application of marketing at various levels, identifies areas of both efficiency and effectiveness, and highlights where resource allocation may be required. Moreover, it evaluates the integration of different activities and any changes in their scope and intensity. As a result, this system significantly influences the overall efficiency of marketing management.

5. Marketing and Management in the Era of Digitalization

Due to the evolving nature of business organizations in the 21st century, it is essential for them to align their performance strategies with shifts in consumer attitudes that have taken on greater significance in today's marketplace. As consumer preferences change rapidly, companies must be agile and responsive, necessitating substantial marketing efforts from both local and national entities. Such diversification is crucial for organizations aiming to remain competitive in a challenging landscape (Fidan and Yıldırım, 2020). Moreover, it is increasingly clear that emerging and advancing high-information technologies play a pivotal role in determining business success (Piercy et. al., 1997).

When a balanced approach grounded in market research is employed, these technologies can provide a sustainable advantage over competitors by offering

more than just basic business practices through fast-growing mechanical and technical change called digitalization (Parkhomenko, 2024).

Companies must embrace modern strategic initiatives and innovative advancements without delay, given the rapid pace of technological progress. By integrating digital tools and forward-thinking marketing strategies, organizations can gain deeper insights into consumer preferences, ultimately enhancing their competitive advantage. It is worth for top executives to acknowledge the empirical evidence demonstrating the importance of achieving a cohesive and effective alignment between management objectives and the execution of marketing activities within the organization (Calderon-Monge & Ribeiro-Soriano, 2024; Daniel, 2024; Gupta, 2012; Piercy, 2007).

Kotler (2016) characterizes marketing as both an art and a science, vital for achieving business success. This involves analyzing target markets that closely align with a company's culture and vision while ensuring that marketing actions are consistent with its mission. The objective is to foster robust relationships with customers through effective communication tools and tactics that strengthen the bond between brands and consumers, ultimately promoting customer loyalty and satisfaction.

In today's rapidly evolving business landscape, achieving a sustainable competitive advantage hinges on employees' ability to leverage technological advancements. Teams must effectively bridge the information gap through data analytics to identify potential customers in ways that resonate with them. There is no doubt that the rapid developments of computer technologies and digitalization have sharply influenced the nature of conventional business models and operations (Conti et al., 2023). This situation highlights the necessity of developing robust digital marketing strategies to better understand customer reactions and needs during new product development. The importance of strategic marketing initiatives, along with the capacity to adapt to changing circumstances, cannot be overstated. In a volatile digital economy, where companies operate under diverse conditions, organizations that prioritize these elements are more likely to gain significant advantages. The increasingly competitive environment demands continuous access to new information and resources.

Moreover, it is essential to address two critical issues: cultivating strong customer relationships by understanding their needs and expectations, and utilizing artificial intelligence and various social media platforms effectively.

6. Conclusion

In conclusion, marketing plays a vital role in the business sector, significantly impacting a company's success. The processes of production and distribution are heavily dependent on effective marketing efforts. To excel, organizations must engage in strategic marketing management, which involves clearly defining strategic goals and innovative techniques. This clarity enables companies to uncover new marketing opportunities, especially in international markets, through the use of advanced technologies and artificial intelligence. Such advancements also enhance promotional activities. To maximize these benefits, it is crucial to recruit and train personnel adept at leveraging artificial intelligence and sophisticated information technologies. Strong leadership support is essential in this transition, transforming traditional business practices from cumbersome tasks for employees into streamlined processes that empower them to manage marketing initiatives effectively and achieve organizational objectives.

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CHAPTER II

DIGITAL NOMADISM AS A NEW LIFESTYLE: ENVIRONMENTAL IMPACT AND AUTHENTIC CONTENT PRODUCTION BY THE PRODUCING CONSUMER

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The future is already here; it's just not evenly distributed.

William Gibson

1. Introduction

Digitalisation has impacted many areas of the business world with both positive and negative characteristics. While digitalisation simplifies work in the business world on the one hand, it also causes various concerns on the other. Digitalisation, which has fundamentally reshaped individuals' lifestyles, perceptions of identity, and consumption patterns, has also spatially transformed the working environment. Digitalisation, which allows work to be carried out independently of a specific physical location, has changed traditional working patterns, accelerating the emergence of new forms

of employment and lifestyles. The concept of digital nomadism has emerged as a result of these developments.

Digital nomadism refers to a new and unique lifestyle made possible by digital infrastructure that allows the workforce to work independently of location or time. Thanks to this transformation, digital nomads have become actors who carry out their production and consumption activities on the move, rather than simply being individuals who work remotely outside of office hours. This new lifestyle and working style has blurred the boundaries between work and social life, while also redefining areas of responsibility such as discipline and continuity. Although digital nomadism has been a known field of work for many years, it was particularly after the pandemic that this concept became embraced by wider audiences. Initially implemented as a necessity, remote working has led both employees and businesses to question the nature of work life after the pandemic. This questioning has also led to the proliferation of digitalised business models. Consequently, what the employee produces has become more important than where they work.

Digital nomadism has an impact not only on the nomadic individual but also on the environment in which they live. These impacts can be assessed in multiple layers, including destinations, economies, tourism and other businesses, and consumption systems. This situation necessitates examining digital nomadism not only as a way of life but also in terms of its economic, social and cultural consequences.

This study aims to examine digital nomadism as a new lifestyle and reveal its effects on consumption behaviours. Another objective is to investigate the extent to which digital nomads create an “ambient influence” on destination brands by producing lifestyle-focused authentic content. This influence is cumulative, indirect, and non-promotional in nature, operating through perceived authenticity and relationship-based trust. Drawing on post-2020 literature to offer strategic recommendations, this study compares global examples with Turkish examples, discussing opportunities and challenges for destination marketing organisations (DMOs).

2.Digital Nomadism as a New Lifestyle

The concept of digital nomadism represents a contemporary and complex lifestyle that is rapidly gaining popularity today. Individuals are reshaping their lifestyles by challenging traditional ways of working. This lifestyle not only enables remote working but also provides the ability to interact and negotiate

with a new identity as a social nomad (Khan et al. 2026:26). Here, digital nomads are hyper-connected workers who use digital technologies to separate work from specific physical environments (Šaffová et al., 2025). In digital nomadism, work/productivity and travel/holiday coexist. This intertwined lifestyle, i.e., the merging of consumption and production through mobility, reveals a structural ambiguity (Cohen and Hannonen, 2026). Digital nomadism has a structure based on 'freedom'. The focus is on 'self-realisation' or 'liberation'.

A significant proportion of individuals harbour distrust towards full-time employment. At the same time, these individuals experience a paradox between freedom and discipline. However, discipline and productivity are also prerequisites for achieving freedom (Wang et al., 2023). Brown and O'Hara's (2003) study on mobile workers suggests that, when given the opportunity, workers can effectively structure non-traditional spaces outside the traditional workplace to suit their work activities (Richter and Richter, 2020).

In 2016, a portal called Welance conducted the first comprehensive study on digital nomadism. Most digital nomads are male (64%), typically in their thirties (33%), with those in their late twenties representing 29% of the group. However, the findings also show that the nomadic lifestyle is not as nomadic as one might think. Forty-four per cent of participants stated that they stayed in the countries they visited for two to four weeks. They also stated that they spent an average of one to three months in these countries per year. On the other hand, the majority of digital nomads are programmers (22 per cent) or online marketers and designers (17 per cent) (Zistemo, 2026). A 2022 survey by MBO Partners State of Independence asked digital nomads about their satisfaction levels with their current work setups. Fifty-six per cent remained neutral, while 26 per cent expressed dissatisfaction with their working environments (Badiu, 2023).

Looking back at the history of digital nomadism, it is evident that prior to the pandemic, digital nomadism was more of a potential opportunity than a widespread practice. Remote working existed during this period, but it was generally limited to exceptional circumstances. Those who could take advantage of this opportunity were usually freelancers or a limited number of employees working for forward-thinking companies (Catalyst, 2026). Some fears that emerged with the pandemic gave rise to new ideas about the possibility of working remotely. During this period, many workplaces closed, and the necessity of creating very small workspaces at home suddenly made remote working mainstream. Thus, working models that allowed people to manage both their home life and their work life simultaneously began to develop. Digital nomads

generally prefer a lifestyle immersed in nature, like a tropical island. These nomads have made significant contributions to the development of tourism in the places they visit, leading to the opening of new workplaces. In addition to their contribution to the regional economy, they have also made important cultural contributions to local areas.

Despite the lifting of restrictions following the pandemic and some employees returning to their offices, most have not been satisfied with this situation. For example, according to Moody’s commercial property market analysis, more than 20% of corporate real estate remains vacant, while a 2023 report by MBO Partners, a corporate solutions company serving remote workers in businesses, claims that over thirty-five million people now consider themselves digital nomads (Brown, 2024).

In the post-pandemic era, remote working technologies, visa policies and lifestyle choices have transformed digital nomadism from a niche phenomenon into a mainstream socio-economic trend (MBO Partners, 2025). According to 2026 projections, the number of global digital nomads is between 40 and 50 million. In the US alone, 18.1-18.5 million people belong to this group. Compared to 2019, this number has increased by 147-153 per cent (DemandSage, 2025; MBO Partners, 2025; Nomads.com, 2026). In Turkey, the number of digital nomads is around 825,000. Within this total, Istanbul stands out with a 0.85% share (Nomads.com, 2026). Digital nomads differ from traditional tourists or sponsored influencers: the content they share on social media is non-sponsored, experience-based, and consists of snippets of daily life (Simeli et al., 2025:340-342). The table below shows the approximate number of nomads globally.

Year	Global Quantity
2019	~10-15 m.
2023	~35 m.
2025	~40-50 m.
2026	~50 m.+

Table 1: Global Digital Nomad Numbers and
Growth Rates (Post-2020 Estimates)
Source: Nomad, 2026

The increasing number of migrants and the influx of visitors to places such as Spain and Greece have fuelled protests against overtourism. In places like the Dominican Republic, Bali, and South Africa, many locals have stated that

digital nomads are putting pressure on already scarce resources and pushing property and housing prices beyond what is affordable. (Brown, 2024).



Figure 1: The Rise of Digital Nomadism **Source:** Catalyst, 2026



Figure 2: The Rise of Digital Nomadism **Source:** Borja, 2026

In practical life, digital migration has effects at various levels within the environment in which it occurs. In this context, there are quite broad components involved, including local host communities, global markets, and virtual ecosystems (Khan et al. 2026:28). Because of these components, digital migration has the power to change existing economic models. It also has the power to initiate changes in business practices and even in numerous sectors globally (Khan et al. 2026:26). Social media, in particular, has popularised digital nomad lifestyles. By creating posts that portray digital nomads as successful mobile professionals, social media has taken action beyond being a communication platform (Cohen and Hannonen, 2026).

Digital nomads use a wide range of technological platforms to conduct digital work and produce digital products. These applications and programmes can be divided into two categories: 1) profession-specific and 2) general tools. Profession-specific tools support work applications within specific subcategories of digital work. On the other hand, there are also universal technologies. For example, Slack, a popular messaging application among digital nomads, is a general tool (Nash et al. 2018).

When approached from a technological perspective, digital nomadism is seen as a product of the global structure. Cloud computing, mobile technologies and communication technologies, software, high-speed internet connections, and digital payment systems are the fundamental resources that enable

individuals to pursue a digital nomad career (Khan et al. 2026:27). Therefore, digital nomads are referred to as ‘professionals who work remotely while travelling’ (Tedesco, 2025). According to Chevtaeva (2021), digital nomadism is ‘a modern phenomenon of the network information-communication society that has emerged due to mobilisation and digitalisation’. This term refers to professionals who work digitally on the internet and has gained widespread popularity since the Covid-19 pandemic. Figure 3 illustrates the voluntary mobility and digitalisation at the core of digital nomadism (Tedesco, 2025).

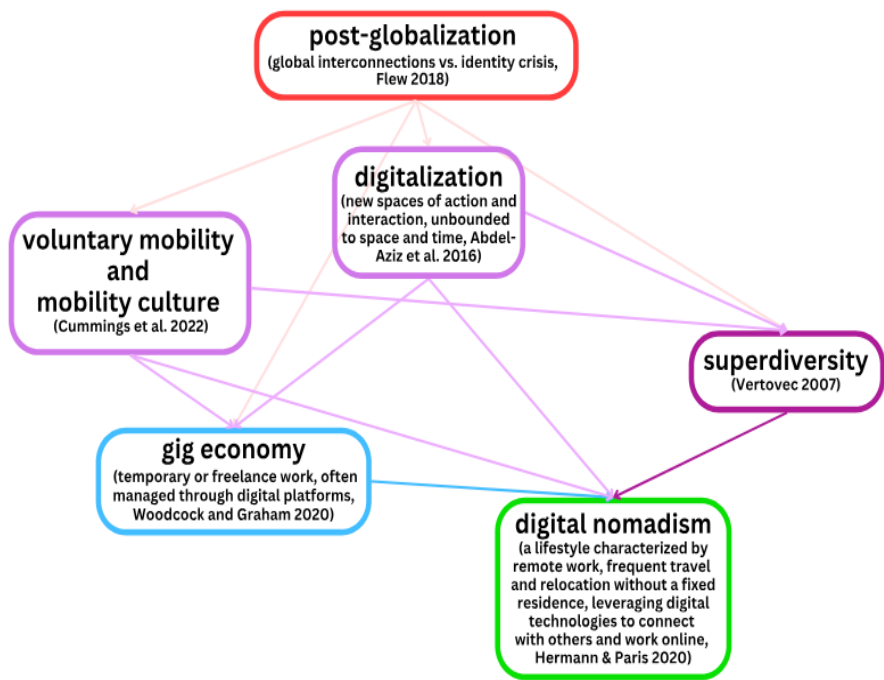


Figure 3: Digital Nomadism As Product Of Contemporary Globalization Processes
Source: Tedesco, 2025.

Digital communities are based on digital infrastructure. This is because they rely on social media communication. Furthermore, the most significant issue with digital nomadism is limitations. This is because belonging to a community is preferred by all members who implement a specific lifestyle based on blending leisure time and work-related activities, gathered around nomadic hubs. Furthermore, they are represented by the sharing of information on digital

migration topics such as taxation, personal branding, business digitalisation, and artificial intelligence, as well as collaborative work and various types of workshops (Figure 3), (Tedesco, 2025).

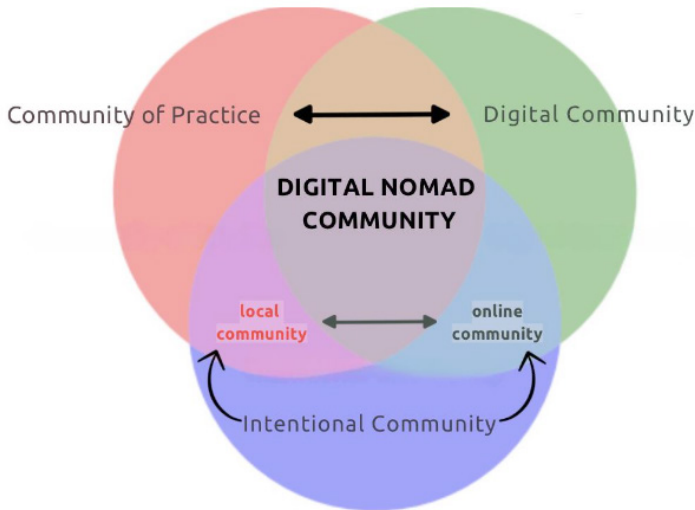


Figure 3: Conceptual Representation of Digital Nomad Communities

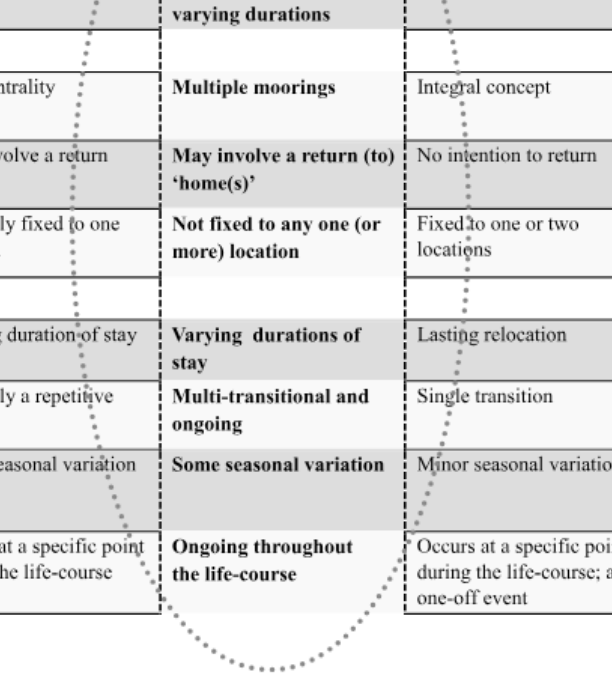
Source: Tedesco, 2025.

The concept of lifestyle migration has recently been used to describe the appeal of digital nomadism. Particularly today, individuals are seeking places that are professionally suitable but also personally satisfying and environmentally pleasant. The nomadic lifestyle is presented as a solution to urban stress, scepticism towards corporate culture, and the allure of experiential living (Šaffová et al., 2025).

In terms of sustainability, this type of lifestyle represents the blurring of tourism. Today, this kind of voluntary geographical mobility has become central to a privileged lifestyle. There are even new phenomena that have adopted this lifestyle: Vanlife, long-term ocean voyages, grey nomadism, world school, lifestyle travel, lifestyle climbing, global migration and digital nomadism are some of them. Vanlife is more closely associated with digital nomadism. People who adopt these lifestyles generally embrace being seen as tourists. However, this type of lifestyle can have economic implications, for example, for destinations (Cohen and Hannonen, 2026). This has significant consequences for local economic development, infrastructure planning, and destination management. The presence of digital nomads is likely to trigger off-season tourism, economic diversification at the local level, and the internationalisation of the environment

or small destinations (Šaffová et al., 2025). On the other hand, some academics also state that digital nomads have a significant impact on the global economy due to their ability to produce digital goods and services through remote work on demand. However, although there are similarities between digital nomads and other labour forces in the digital economy, there are differences between the two (Almeida et al. 2023).

Essentially, lifestyle travellers represent the grey area between tourism, business and migration. In this sense, they occupy a position somewhere between temporary mobility and permanent migration (Table 2).



	Temporary Mobility	Lifestyle Mobility	Permanent Migration
<i>Definition</i>			
	Non-permanent move of varying duration	Ongoing semi-permanent moves of varying durations	Permanent change of usual residence
<i>Key Concepts</i>			
Usual residence	Less centrality	Multiple moorings	Integral concept
Return	May involve a return 'home'	May involve a return (to) 'home(s)'	No intention to return
Belonging	Generally fixed to one location	Not fixed to any one (or more) location	Fixed to one or two locations
<i>Key Dimensions</i>			
Duration	Varying duration of stay	Varying durations of stay	Lasting relocation
Frequency	Generally a repetitive event	Multi-transitional and ongoing	Single transition
Seasonality	Large seasonal variation	Some seasonal variation	Minor seasonal variation
Temporality	Occurs at a specific point during the life-course	Ongoing throughout the life-course	Occurs at a specific point during the life-course; a one-off event

Table 2: Comparison of Lifestyle Mobility to Temporary Mobility and Permanent Migration
Source: Cohen ve Hannonen, 2026

The authentic content produced by digital nomads constitutes their core activity. Their unsponsored life stories generally generate high levels of trust among the public (Simeli et al., 2025:345-347). The environmental impact is a cumulative result of this content (non-promotional, dispersed and lasting impact) (Simeli et al., 2025:350-352). The prosumer theory associated with digital nomadism is a result of content production and is fuelled by distributed impact models (Zhou et al., 2023). Although digital nomadism is a new concept in Turkey, it has spread rapidly in destinations such as Antalya and Cappadocia since the 2024 visa (Workon, 2025).

2.1. Destinations Sought by Digital Nomads

New ways of working, such as remote working, have demonstrated that results-oriented management is more important than managing the physical presence of the workforce in businesses, and has reduced management costs. As a direct result, many businesses have taken measures to relax their rigid processes and strict systems. This has enabled them to gain loyalty and better performance from their employees (Richter and Richter, 2020). The idea that work is limited to what is done at the workplace during working hours has gradually changed as work has come to be understood as something that is done. Thus, digital nomads are constantly digitally connected, plugged in, and connected to digitally flowing information (Richter and Richter, 2020). These changes in work culture are the most important enablers of digital nomadism. For this reason, many businesses offer remote working options and allow employees to work from home or anywhere in the world (Koneru, 2023).

Figure 3 conceptualises digital nomadism within the framework of individual preferences (flexibility), organisational development (dynamic markets) and technological developments (broadband internet).

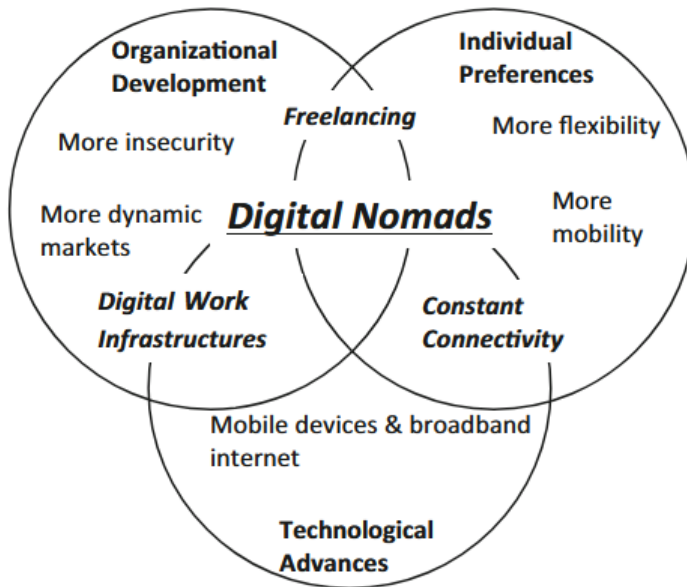


Figure 3: Digital nomadism as the interface of individual preferences, organizational development and technological advances

Source: Richter ve Richter, 2020.

Given that it offers a comfortable working environment, any place with good Wi-Fi and electricity access is a workspace for digital nomads. On the other hand, remote workers spend most of their working hours in rented flats or co-working spaces (Yumasoft, 2026). Destination selection is therefore crucial. Although in most cases this choice is left to the employees, companies are seen to take supportive measures.

When choosing a specific location, digital nomads require a strong Wi-Fi connection as well as natural environmental elements. Therefore, destinations with developed communication infrastructure are important market areas for digital nomads. However, in addition to communication, the existence of infrastructure that can support their social and working lives, such as cafes, restaurants and shopping areas, is also important.

Today, many countries offer digital nomad visas, each with different requirements and conditions. Some of the most popular countries for digital nomads are Turkey, Spain, Estonia, Barbados, Georgia, Portugal, and Mexico (Orience, 2026). On the other hand, 2023 has significantly attracted digital nomads to certain regions in terms of destination (Koneru, 2023).

a) Chiang Mai, Tayland: Chiang Mai is a popular destination for digital nomads due to its low cost of living, quality food, and friendly locals. Fast and reliable internet, the availability of co-working spaces, and a variety of activities make it a compelling choice.



Chiang Mai, Google Images

b) Lizbon, Portekiz: Lisbon has a relatively low cost of living compared to other European cities, and the mild weather year-round is a significant advantage. The city also offers opportunities that make it easy to find new jobs.



Lizbon, Google Images

c) Medellin, Kolombiya: Medellin is a digital nomad destination due to its safety and rich culture. Its modern infrastructure and fast internet access, along with its hospitable locals, co-working spaces, and cafes, make it an attractive option.



Madellin, Google Images

d) Tiflis, Gürcistan: The city’s low cost of living, fast internet access, and the presence of co-working spaces and cafes make this destination stand out.



Tiflis, Google Images

e) Da Nang, Vietnam: Da Nang is a coastal city that has become a popular destination for digital nomads. It offers a low cost of living, food options, fast and reliable internet, and co-working spaces.



Da Nang, Google Images

f) Playa del Carmen, Meksika: Playa del Carmen is a beach town on the Yucatan Peninsula. The town boasts a relaxed atmosphere and a low cost of living, along with fast and reliable internet, co-working spaces, and cafes.



Playa del Carmen, Google Images

g) Antalya, Türkiye: Antalya, an extraordinary holiday destination, boasts a blend of green and blue beaches, numerous monuments, and plenty of opportunities for recreation. With its advanced internet infrastructure and socializing venues, it's an ideal destination for digital nomads.



Antalya, Google Images

h) Kapadokya, Türkiye: Cappadocia is a region where fairy chimneys, formed approximately 60 million years ago by the eruption of Mount Göllüdağı and Mount Hasandağı and the subsequent erosion of lava flows by rain and wind, are located. A tranquil city with underground cities and hotels carved into the mountains, Cappadocia is a popular destination for digital nomads. It also boasts numerous areas suitable for caravan tourism.



Kapadokya, Google Images

i) İstanbul, Türkiye: Istanbul, a city known worldwide for its historical texture and other geographical features, boasts Turkey's most advanced internet infrastructure and encompasses social, historical, and commercial qualities that offer excellent opportunities for digital collaborations.



İstanbul, Google Images

3. The Impact of Digital Migrants on The Local Economy and Consumption Behaviour

Digital migrants operate within two fundamental economic models: the Platform Economy and the Gig Economy (Short-Term Temporary Labour Force). The platform economy is an economic model that enables different users to conduct business with one another by utilising the opportunities provided by digital technologies. The Gig Economy, on the other hand, is a working model where people earn income by undertaking short-term jobs or projects in their spare time or on a full-time basis. These two economic models have grown

rapidly in recent years and have changed the way people work and do business in many sectors (Erkasap and Varışlı, 2024). Research shows that digital platforms increase accessibility by facilitating work processes, but at the same time create new types of pressure on workers. In particular, wage inequalities and job insecurity are among the negative effects of this economic model on workers (Erkasap, 2025).

The impact of digital nomadism on the economy can be disruptive. Digital nomads working in businesses in countries with advanced civilisations, such as Western Europe and America, who earn higher incomes than the settled population, can cause disruptive effects on the local economy, leading to wear and tear in many sectors. Moreover, this impact is not merely numerical but also affects factors such as social and cultural structures (Özel, 2026). For example, the study by Ergün and Karadeniz (2025) revealed that digital nomadism contributes to the local economy. Eighty-five per cent of participants stated that they paid monthly membership fees for coworking spaces, while 78 per cent indicated that they regularly spent money at local cafes and restaurants. Furthermore, some estate agents in the region stated that short-term rentals ensured high occupancy rates for properties even during the winter months.

A survey conducted in Japan found that the average monthly income of digital nomads is approximately \$5,200, which is more than double the average income of a Japanese citizen. Therefore, Japan, with its tourism resources, can be expected to revitalise the local economy in terms of remote working with a new customer base of high-spending digital nomads (Tochibayashi and Kutty, 2024).

Digital nomads make significant contributions to local economies, primarily through increased spending on housing, food, and entertainment, which revitalises local businesses and creates new opportunities for service providers. This spending also creates a multiplier effect. Initial spending occurs in interconnected sectors such as retail and transport, while over time it revitalises underutilised properties and creates additional job opportunities (Lopes et al. 2025). In this model, which could also be termed the visitor economy, digital nomads can be considered a type of visitor. Thus, the concept explains the financial contributions of visitors to a specific location to the economy of that region. In addition to these contributions, the concept also includes spending on activities carried out to ensure the sector's viability (Yıldız and İlhan, 2025).

However, this situation can lead to rent increases and housing access difficulties for the local population. Typically, in popular centres, the cost-of-

living increases, creating income inequality between nomads and locals. For example, in Lisbon, the local population has faced housing shortages due to properties being converted into short-term rentals for nomads (Finegan, 2025). Another challenge is ensuring that economic benefits are shared fairly between digital nomads and the local population. The influx of foreign workers should not create a two-tiered economy where the local population feels excluded from the digital transformation (WEF, 2024). The precarious situation of developing economies in particular can lead to growing general discontent with the arrival of foreigners who can afford these prices (Hernandez, 2023). As the local population only sells products or services to nomads who bring in higher incomes, the inability of other consumers to benefit from these products or services will expose social problems. Related to this issue, social injustice is another problem. For example, while £50,000 per year may not provide a very good life in a place like America, it can lead to a high standard of living in a country like Bali, which may cause unrest among the local population.

Countries can develop strategies to attract digital nomads as a niche market, but they must also address potential challenges such as isolation and rootlessness while highlighting values such as narratives explaining digital nomads, prosperity, quality of life, and personal development (Orel, 2023).

3.1. Transformation from Consumers to Unintentional Brand Ambassadors and Main Trends After 2020

Post-2020, nomads have become producers in the creative economy, with 39-61 per cent working freelance or hybrid (MBO Partners, 2025). Furthermore, as unintentional brand ambassadors, they organically promote destinations.

Global examples: Bali promotes sustainable living, while Tulum increases tourist flow with wellness content (Simeli et al. 2025:348-349). In Turkey, Antalya is known for its combination of collaboration (coworking) and beaches, while Cappadocia is known for its balloon tours (which have gone viral). Istanbul's mix of historical and modern elements adds cultural depth (Goturkiye.com, 2025).

This transformation creates a “strategic blind spot” for destination marketing organizations (Simeli, 2025:355).

The creative economy is the driving force behind nomadism. Artificial intelligence tools are accelerating content production (Toivanen, 2025). Current trends include long stays (Slomadism), family nomadism, and sustainability (Nomads.com, 2026). In Turkey, the collaborative ecosystem is growing

following the introduction of the nomadic visa: Antalya and Cappadocia offer high spending potential (Global Citizen Solutions, 2025).

The key challenges and opportunities for digital nomadism are coded as follows (Toivanen, 2025);

- ✓ **Challenges:** Overtourism, gentrification, visa inconsistencies
- ✓ **Opportunities:** High spending, authentic promotion

4. Results And Suggestions for Future Research

Digital nomadism is not simply a matter of location-independent work or an individual lifestyle choice; it is a comprehensive socio-economic concept that creates multi-layered effects on the local economy, consumption behaviour, and the destination itself. This concept emerged as a result of the development of digital technology, the strengthening of internet infrastructure, and a pandemic that affected the entire world. Initially having a relatively minor impact, this concept now promises an entirely new lifestyle, blurring the lines of many production and consumption processes by removing them from the constraints of time and place. This new lifestyle has reshaped the entire economic life of individuals within the context of mobility. As a result, digital nomads possess a style that is significantly different from that of traditionally understood tourists.

Digital nomads have multi-layered effects on the economies of their locations. While this lifestyle causes short-term economic revitalisation, in the long term it can lead to inequality in access to resources, particularly in popular areas, primarily in terms of city and rental issues. Therefore, it is necessary to examine the social effects of digital nomadism, not just in an economic context.

The most notable impact of digital nomads in the field of marketing is the ‘environmental impact’ created by the content they produce. Most digital nomads can become cultural ambassadors for their location. This effect is based on building trust-based perceptions. However, this effect also points to a strategic blind spot for destination marketing organisations. The uncontrollable effect of digital nomads necessitates the development of new approaches beyond traditional marketing plans.

In our country, digital nomadism is still in its early stages, but it has the potential for rapid development in certain destinations. The unique characteristics of these destinations could position Turkey competitively on the global stage. However, to capitalise on this advantage, new marketing approaches involving the local population must be developed. Another important factor is the need to

develop incentive policies to ensure the participation of local authorities in the process.

In conclusion, digital nomadism is a multidimensional phenomenon that lies between the pursuit of individual freedom and the needs of global economic dynamics, with effects that are not limited to lifestyle alone, and must be addressed with an interdisciplinary approach.

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CHAPTER III

CONSUMER CYNICISM

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1. Introduction

The origins of the concept of cynicism can be traced back to Ancient Greece, and its interpretation has varied from that period to the present day. In ancient Greece, this concept reflected an idealistic lifestyle, characterized by an individual isolating themselves from their society. Today, it refers to a loss of trust and the resulting negative attitude (Güven, 2016: 155). Although it is interpreted differently today, it cannot be said that the concept of cynicism reflects waging war against society. The key point here is that cynical individuals exhibit a negative attitude towards their surroundings the moment they believe they are deprived or restricted. In this respect, a person who embraces cynicism makes decisions about their own life and shapes their life accordingly (Işık & Gökerik, 2025: 160).

The fundamental motivation of individuals who embrace cynicism is to manage themselves and distance themselves from their own selves. Thus, cynical individuals do not trust external environmental factors and, rejecting moral rules, develop their own moral principles and ethical understanding. This situation shows that cynical individuals trust their own judgment, have difficulty acting collectively, and exhibit resistance in society such as condemnation and avoidance. Therefore, cynicism represents a different stance from anti-consumerism (Odou & De Pechpeyrou, 2011: 1805). Furthermore, cynical individuals do not trust the intentions and attitudes of others, believing that people are only thinking of their own self-interest (Policarpo et al., 2023). Therefore, cynical consumers exhibit coping behaviors because they do not trust the market system. In this behavior, they believe that consumers should act consciously (Helm et al., 2015: 515). However, despite this distrust, it has also

been found that cynical consumers trust and show loyalty to very few brands (Helm, 2004).

Consumer cynicism has gained a place in the literature with a different and new perspective, both in terms of anti-consumerism and consumer resistance (Odou & De Pechpeyrou, 2011: 1802). In this respect, there is a need to delve deeply into the concept of consumer cynicism from the perspective of cynical philosophy. In line with this need, this study will first discuss the concept and philosophy of cynicism, and then explain the types of cynicism. Next, the philosophy of cynicism within the marketing discipline will be examined, addressing the concepts of consumer cynicism and privacy cynicism.

2. The Concept and Philosophy of Cynicism

The concept of cynicism traces its origins to the town of Cynosarges in ancient Greece. The term derives from the Greek word for “dog” (kyon) or from the philosophers known as the Cynics, and refers to a philosophical school of thought. Consequently, the concept of cynicism was accepted in ancient Greece both as a form of thought and as a way of life (Dean et al., 1998: 342). The origins of cynicism are rooted in philosophers such as Antisthenes, Diogenes of Sinope, Crates of Thebes, and Hipparchia of Maroneia (Bosman, 2006).

Behaviors such as sleeping in the streets and defying those in power earned the Cynic philosophers of antiquity a bad reputation (Roberts, 2006). Cynicism, as a philosophical mode of thought, is the adoption of fearless discourse that encourages self-governance and reflects the idea that humans should express themselves in their natural state, beyond laws and traditions (Odou & De Pechpeyrou, 2011: 1800). In this regard, philosophers who embrace Cynicism believe that the individual is the natural unit of life, not an organization, and consider even institutions such as the state to be unnecessary. Furthermore, cynic philosophers, viewing these institutions as unnatural, mock them and adopt a dismissive attitude toward them. Cynical philosophers used obscene, humorous, and dramatic language and perspectives to convey their ideas to people. In this regard, while humor is the tool the cynics most preferred for conveying their ideas, the people they most targeted were the powerful and privileged. In addition, the cynics reject social norms. Underlying this idea is the cynics’ view that self-sufficiency and independence are essential for a good life, and that social norms such as tradition are not natural. Therefore, cynics avoid social norms. For example, it is noted that the cynics drank directly from their hands to avoid using cups and wore coarse clothing (Dean et al., 1998: 342).

When examining the dictionary definition of the concept of cynicism, the Turkish Language Association defines it as “*the doctrine of Antisthenes, which asserts that a person can attain virtue and happiness on their own, free from all needs and without being bound to any values; cynicism*” (<https://sozluk.gov.tr/>). According to the Oxford English Dictionary, a cynical person is defined as “*one who shows a disposition to disbelieve in the sincerity or goodness of human motives and actions, and is wont to express this by sneers and sarcasms; a sneering fault-finder*” (Dean et al., 1998: 342). In this dictionary, the word cynic can also be defined as “*concerned only with one’s own interests and disregarding accepted standards to achieve them*”. Based on this definition, it can be understood that the cynical person’s motivation is selfish. The cynical person described in this dictionary holds the view that people are never fully motivated by their own self-interest, which underlies their sarcastic or skeptical attitude toward values and people, as well as their dismissive stance. In this respect, cynics have a condescending attitude towards people’s efforts. The definition of cynicism in dictionaries may be insufficient to fully explain this philosophical perspective. Therefore, cynicism is an attitude reflecting a person’s indifference; a skeptical, contemptuous, or distrustful attitude towards values, institutions, and people; and a belief and way of thinking that people’s motivations are solely self-interested or that people possess few values (Vice, 2011).

The philosophy of cynicism conveys thought on rebellion, cultural attitudes, and tensions through anecdotes and jokes (Roberts, 2006). Cynicism is a movement associated with negative emotions such as betrayal, unrealistic expectations, and disappointment. This movement also reflects the belief that others’ behavior is deceptive and misleading (Balaji et al., 2018: 109). Cynicism, which is viewed not only as a philosophical concept but also as a way of life, involves placing very little value on social norms and institutions and expressing contempt for them through words and actions (Dean et al., 1998: 342). Cynicism aims to uncover the realities behind seemingly positive appearances and bring to light underlying motivations such as power, selfishness, lust, and greed. In this context, cynicism -which is regarded as a negative personality trait- is a perspective on human nature that views the behavior of others as deceptive (Balaji et al., 2018: 111). Furthermore, cynicism reflects negative attitudes and emotions that can begin with the disappointment caused by unrealistic expectations and evolve into feelings of being deceived, exploited, and betrayed (Moisescu et al., 2026). From this perspective, cynicism expresses a lack of belief in the moral and honesty level of others, and a feeling of doubt regarding their commitment

and intentions. This situation reflects the fact that cynical individuals do not truly see others as honest (Kanter & Wortzel, 1985). Normlessness arises from the complete rejection of values or, conversely, from doubting all of them. In this regard, the unbeliever attitudes of cynical individuals lead to a lack of trust toward others and various situations. Thus, disbelief and insecurity hinder social harmony and prevent living within a community (Pollay, 1986: 29). In this respect, cynicism, while containing a realistic understanding that can undermine social and political life, also reflects a destructive view of hope, virtue, love, relationships, and community (Vice, 2011).

Cynicism can also be considered as an attitude and personality trait (Kothandaraman & Agnihotri, 2012). Therefore, cynicism involves a condescending attitude and insecure stance as a personality trait rather than a characteristic of social life. Accordingly, cynicism is a complex attitude, stance, and belief about human nature. This complex and insecure attitude is not directed against nature or God, but fundamentally against the life created by institutions and people.

Because, according to cynicism, people possess a personality, attitude, and belief orientation that reflects cynicism. Therefore, cynics may exhibit distrustful and suspicious attitudes, targeting certain groups such as celebrities, politicians, advertisers, and con artists. Apart from this distrustful and suspicious attitudes, despite their extensive knowledge, cynics consider themselves morally equal to others. In this respect, cynicism also symbolizes an attitude towards people. This attitude can also show that cynicism is a systematic way of perceiving, feeling, thinking, and behaving. With its characteristic of reflecting one's attitude towards people, cynicism can influence one's own behavior by shaping how one perceives, interprets, and expects others. Based on these characteristics of cynicism, it is possible for a person who is naturally pessimistic or who has been negatively affected by misfortunes to easily develop cynicism (Vice, 2011).

3. Types of Cynicism

Approaches to cynicism have been discussed in the literature in terms of different types. In the literature, types of cynicism have been classified as organizational cynicism (Abraham, 2000; Helm et al., 2015; Kanter & Mirvis, 1989), work cynicism (Abraham, 2000), managerial cynicism, change-specific cynicism and personal cynicism (Stanley et al., 2005), personality cynicism (Abraham, 2000), social cynicism (Policarpo et al., 2023) and consumer cynicism toward collective buying (van Dolen et al., 2012). In contrast to these

classifications, Abraham (2000) notes that organizational cynicism can be divided into five categories: personality, employee, work, societal, and organizational change cynicism. The types of cynicism can be explained as follows:

- ***Consumer cynicism toward collective buying:*** Consumers who embrace this cynicism believe and perceive that businesses offer different campaigns and discounts to other consumers in collective buying. This awareness leads consumers to feel unfair and adopt cynicism (van Dolen et al., 2012: 306).

- ***Organizational cynicism:*** It represents a belief that any organization is dishonest (Abraham, 2000). In this type of cynicism, management is thought to encourage false relationships (Helm et al., 2015). The causes of organizational cynicism include meaninglessness in the work, limited career advancement, demanding work conditions, and negative management styles (Kanter & Mirvis, 1989). Such reasons, along with a lack of honesty, increase negative reactions, leading to critical and sarcastic behavior (Abraham, 2000).

Abraham (2000) states that organizational change, employee, and societal cynicism are caused by psychological contract breaches. Abraham (2000) states that the root cause of work cynicism is burnout. Furthermore, the author explains that personality cynicism reflects an innate human hostility. The types of organizational cynicism described by Abraham (2000) can be considered as follows:

- ***Personality cynicism:*** This type of cynicism reflects a situation where a person believes that people are untrustworthy and has a negative belief in people.

- ***Employee cynicism:*** It refers to an employee harboring negative feelings toward their organization and its management and lacking trust in them.

- ***Organizational change cynicism:*** It reflects a lack of sincerity in the changes made by an organization and a belief that these changes will fail.

- ***Work cynicism:*** It is the belief that the work one does in their profession has no meaning. The employee no longer has faith in their profession.

- ***Societal cynicism:*** This refers to the loss of a societal belief. This loss of belief can be directed towards authorities as well as institutions within society.

Policarpo et al. (2023) stated that social cynicism reflects a person's skepticism toward the values of others and their distrust of both people and

social institutions. Furthermore, the authors explained that the causes of social cynicism include unethical behavior, insecurity, decreased self-esteem, dissatisfaction with life, and hopelessness. Stanley et al. (2005: 436) stated that personal cynicism refers to a lack of belief in the reasons or motivations put forward for people's decisions and behaviors, while managerial cynicism refers to a lack of belief in the reasons or motivations put forward for management's decisions and behaviors. Furthermore, the authors explained that change-specific cynicism is a lack of belief in the reasons or motivations put forward for change within the organization.

4. The Philosophy of Cynicism from the Perspective of Marketing Discipline

The concept of cynicism has been examined not only in the context of human nature but also within the field of organizational behavior, which explores individuals' attitudes toward their supervisors and the organizations where they work. In this context, the role of trust in maintaining relationships has been evaluated from the perspective of cynicism (Kothandaraman & Agnihotri, 2012: 3). In the field of social sciences, the philosophy of cynicism has evolved into a concept addressed in relation to institutions, such as organizational cynicism, work cynicism, and employee cynicism (Helm, 2004: 345). Consequently, while the concept of cynicism has been examined in the field of organizational behavior as "*organizational cynicism*" directed toward employers, it has also been explored as a philosophy of cynicism directed toward institutions and society, such as "*political cynicism*" and "*social cynicism*". In recent years, it has also been addressed as consumer cynicism in the field of consumer behavior, and thus has become a concept studied in many areas (Moisescu et al., 2026).

Cynicism can be approached as a learned attitude. From this perspective, expectations that do not reflect reality can lead to disappointment in individuals. Disappointment, defined as the feeling of being betrayed, used, or deceived by others, can also be addressed from the perspective of expectation confirmation theory. Accordingly, satisfaction is shaped by expectations, not performance. Because a customer whose expectations are not met experiences dissatisfaction. However, cynical consumers may experience feelings of resentment, anger, and bitterness alongside dissatisfaction, and may adopt a sarcastic and critical attitude. This attitude can be characterized by a negative emotional state. In this respect, empty promises and misleading images are key elements in addressing cynicism. In other words, the disconnect between reality and the presented image

is a key factor in addressing the concept of cynicism. However, in addition to this, elements such as ethical violations, exploiting others for selfish purposes, feigning selflessness, and manipulation are also key components of the concept of cynicism. These elements are also the focus of criticism directed at marketing strategies such as advertising, in addition to cynicism (Helm, 2004: 345). These criticisms also demonstrate that the concept of cynicism is closely linked to the credibility of the claims made in advertisements in terms of their sources and content (Kanter & Wortzel, 1985). In this context, cynicism has been the subject of many studies in the marketing discipline in terms of consumer behavior. Thus, cynicism has become established in consumer behavior as negative attitudes and behaviors, such as negative word-of-mouth, reducing consumers' purchase intentions, and damaging the brand's image (Balaji et al., 2018: 109).

The concept of cynicism is a phenomenon examined to study the psychological processes underlying rebellious behaviors and perceptions of insecurity in consumer behavior, and to understand consumers' reactions to the market (Helm et al., 2015: 515). In addition to demonstrating its power as a critical tool, cynicism also reveals its importance in enabling consumers to seize existential control (Odou & De Pechpeyrou, 2011). In addition, cynicism can also exist as an obstacle to change, such as facilitating the relationship between buyer and supplier (Kothandaraman & Agnihotri, 2012: 3).

5. Consumer Cynicism

Cynicism is the state of not believing the statements or motives put forward by another person regarding their behavior or decisions (Stanley et al., 2005: 436). This lack of trust also applies to consumers, who are increasingly experiencing a sense of distrust toward businesses (Helm et al., 2015). Drawing on the phenomenon of consumer resistance, consumer cynicism is a form of resistance directed at marketing activities and businesses in online platforms. This form of resistance involves a cynical consumer identity characterized by a critical attitude toward both the market and businesses, as well as feelings of disappointment (Mikkonen et al., 2011). In this regard, consumer cynicism is a form of resistance, both personal and collective, that is transforming the market (Odou & De Pechpeyrou, 2011: 1800).

Consumer cynicism reflects a perception of the erosion of integrity that is systemic and increasingly widespread in the market. Therefore, consumer cynicism is a learned and stable attitude stemming from the perception that businesses exploit opportunism, that this opportunism is heavily practiced in

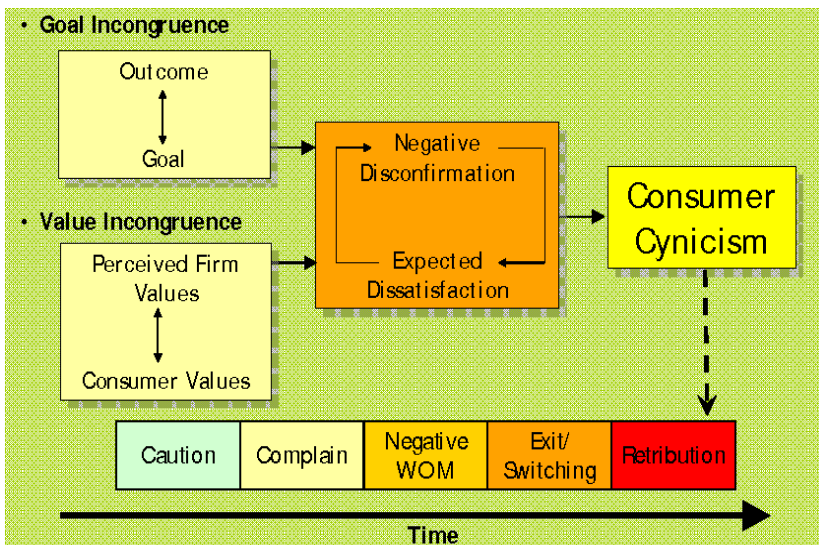
the market, and that this harms the market (Helm et al., 2015: 516). Therefore, consumer cynicism, stemming from factors such as the perception of opportunism and deception directed at the general public and consumers, can play a fundamental role in assessing the sincerity of a brand's social responsibility and ethical behavior, and in the emotional attachment to that brand. Because in this respect, consumer cynicism represents a profound moral attitude that makes the behavior of brands appear deceptive in the eyes of the consumer (Utkutug, 2024: 584-585). In this regard, it is also stated in the literature that consumer cynicism shows a positive relationship with the "*no harm, no crime*" aspect of consumer ethics through moral detachment (Chowdhury & Fernando, 2014: 677). Therefore, a negative consumer sentiment toward businesses, such as the belief that businesses are dishonest and make unrealistic promises, is prevalent in consumer cynicism. In other words, consumer cynicism can also reflect revenge-seeking, contempt, precautionary measures, and withdrawal behavior (Helm, 2004). Consumer cynicism reflects consumers' distrust of businesses, stemming from the belief that these businesses lack integrity. This lack of trust and cynicism is largely rooted in businesses' deceptive marketing strategies and tendency toward fraud. This situation can make consumers aggressive, destructive, and defensive, and can affect consumer behavior in terms of opposition, consumption, withdrawal, and retaliation (Liu & Gómez-Cruz, 2025).

Consumer cynicism is a psychological tool used defensively by consumers against the persuasive aims of marketing messages, due to the effect of consumer skepticism. In this respect, consumer cynicism particularly reflects consumers' skepticism towards the aims of brands. The use of consumer cynicism as a psychological tool demonstrates resistance to brands' marketing strategies rather than challenging and opposing consumption ideology. In this resistance, just as some businesses disregard ethical principles in achieving their profit goals, consumer cynicism also manifests itself in some consumers abandoning ethical principles like businesses and abusing the market environment and activities (Odou & De Pechpeyrou 2011: 1799-1800). Furthermore, consumer cynicism is an approach that explains consumers' behavior towards marketing strategies. For example, consumers may engage in guerrilla behaviors such as graffiti to express their opposition to advertisements displayed outdoors or in public spaces, which are intended to convey messages to brands. In addition, consumer revolts, voluntary simplicity behaviors, and behaviors such as reducing or abandoning materialism can also reflect consumer cynicism (Helm et al., 2015: 516). Consequently, advertisements can increase consumer cynicism just as they

increase materialism, anxiety, powerlessness, loss of self-esteem, irrationality, social competition, and selfishness (Pollay, 1986). However, despite these effects of consumer cynicism, it can also be seen as one of the key factors influencing the adoption of new products and new product purchasing decisions (Chaouali et al., 2017).

Chu & Chylinski (2006) developed a model on consumer cynicism, which is presented in Figure 1. According to the model shown in Figure 1, the authors examined the causes and consequences of consumer cynicism in terms of the goals and values of consumers in their relationships with firm. According to this model, negative disconfirmation and dissatisfaction occur when there is a conflict between consumers' own goals and the results they encounter. Similarly, according to the model, negative disconfirmation and dissatisfaction arise when there is a conflict between consumers' perceived values and the firm's values. The resulting negative disconfirmation and dissatisfaction lead to consumer cynicism. According to the model, the outward manifestations and levels of consumer cynicism change over time. Initially, consumer cynicism begins with cautious behavior towards the brand/business, gradually evolving into reactions such as complain, negative WOM, and exit/switching. According to the model, consumer cynicism ultimately culminates in retribution. Retribution, on the other hand, emerges as the most intense form of consumer cynicism.

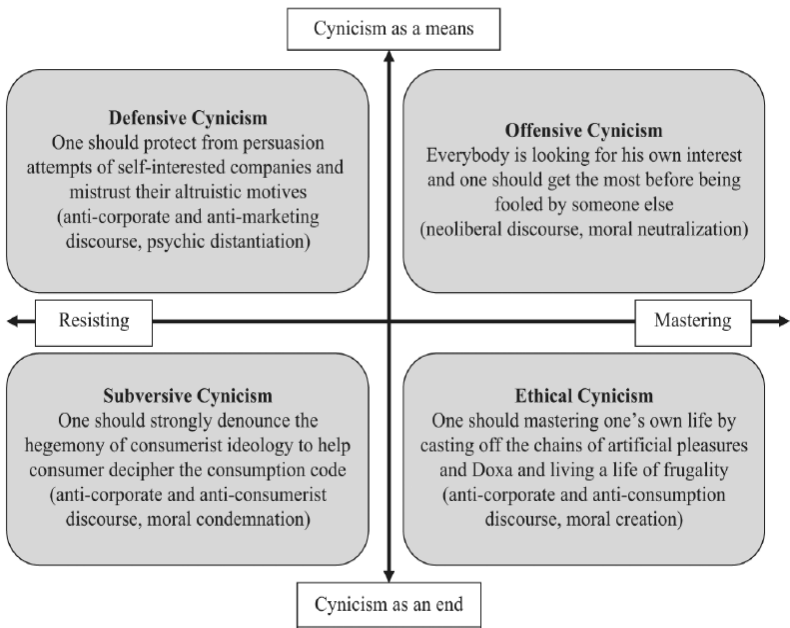
Figure 1: Model of Consumer Cynicism



Reference: Chu & Chylinski (2006)

Odou & De Pechpeyrou (2011: 1800–1805) have noted that consumer cynicism manifests in four distinct forms. These are described as defensive, offensive, subversive, and ethical consumer cynicism. These forms of cynicism are illustrated in Figure 2.

Figure 2: Types of consumer cynicism



Reference: Odou & De Pechpeyrou (2011: 1801)

According to Figure 2, the types of cynicism can be considered as follows (Odou & De Pechpeyrou, 2011: 1800-18005):

- **Defensive consumer cynicism:** This type of cynicism reflects consumers' resistance to marketing manipulation by businesses. In other words, this cynicism is a psychological strategy that consumers use to protect themselves from the persuasive efforts of businesses through marketing strategies. Consumers may exhibit defensive cynicism, responding cognitively to marketing stimuli with feelings of being deceived, distrust, and suspicion. This cynicism is characterized by the attitude that businesses make intense attempts to persuade consumers through marketing stimuli, and that consumers perceive these attempts as manipulation. These assessments lead consumers to resist marketing stimuli that involve intense persuasion attempts. Because consumers

believe that businesses are motivated solely by their own self-interest. At the root of this mindset lie disappointment and a past purchasing experience that failed to meet expectations, as well as a critical and distanced approach toward the business shaped by these experiences.

- ***Offensive consumer cynicism:*** In this type of cynicism, consumers prioritize their own goals. For this reason, consumers exploit market resources in a manipulative manner to achieve their own goals, thereby standing in opposition to businesses. In offensive consumer cynicism, rather than protecting themselves from businesses' deceptive and persuasive marketing efforts, consumers aim to become active participants in this game by engaging in manipulative tactics themselves. The defensive and offensive types of consumer cynicism do not necessarily represent a complete anti-consumerism. Because defensive consumer cynicism involves a global and exaggerated level of distrust towards all of businesses' persuasion efforts. This lack of trust can discourage even well-intentioned businesses and lead to suspicion on all sides. Offensive consumer cynicism, on the other hand, involves a critical approach that argues consumers use market resources to further their own interests and goals.

- ***Subversive consumer cynicism:*** It is an approach that satirically criticizes and condemns the market and businesses for exploiting consumers. This cynicism aims to make consumers realize that they are making a mistake by falling for marketing gimmicks. Therefore, there is a consumer response in which the misleading practices of marketing stimuli are cynically condemned.

- ***Ethical consumer cynicism:*** This type of cynicism aims to keep consumers' consumption under control. Consumers who embrace ethical consumer cynicism believe that consumer society is deceptive. Thus, a spiritual approach is adopted, far removed from the materialism put forward by this society and focusing on the human self. Consumers are able to recognize their true needs by taking control of their needs and their lives. This attitude is geared towards distinguishing between necessary and artificial needs, such as voluntary simplicity. This type of cynicism leads cynical consumers to control their own egos, relying on their own ethical understanding rather than external environmental factors.

5.1. Privacy Cynicism

Cynicism refers to a negative attitude and sentiment toward a person as well as toward any subject. Underlying this negative attitude and emotion are unmet expectations, disappointment, difficulties, and a sense of hopelessness.

In this respect, cynicism points to negative problems and emotions. Therefore, cynicism shows a negative relationship with trust, and a state of insecurity is positively related to secrecy cynicism (Acikgoz & Vega, 2022).

Privacy cynicism is a reaction to the use of social media users' behavior in these environments as data (Liu & Gómez-Cruz, 2025). Hoffmann et al. (2016), who conceptualized people's privacy concerns as privacy cynicism in terms of cynicism, defined privacy cynicism as "*an attitude of uncertainty, powerlessness and mistrust towards the handling of personal data by online services, rendering privacy protection behavior subjectively futile*" (cited in Chen et al., 2023). Hoffmann et al. (2016) stated that consumers facing privacy threats neglect protection behavior by exhibiting a cynical attitude towards privacy. The authors view privacy cynicism as a coping mechanism that makes the use of online services seem rational, despite consumers' significant privacy concerns. Privacy cynicism, which is shaped by the attitudes of individuals using online services toward privacy and data protection issues, sheds light on the connection between innovative technologies and privacy concerns. Furthermore, it is a concept that reflects data protection related to privacy (Acikgoz & Vega, 2022). The frequent provision of personalized services to consumers and the collection of personal data can lead to cynical attitudes towards online privacy (Chen et al., 2023). The level of privacy cynicism can shape consumers' responses to data-driven personalized messages. Accordingly, consumers' perception of surveillance can increase when they become aware that their online data is being used for personalized advertising messages, in other words, when they feel that businesses are harming their privacy. In this respect, consumers with low levels of privacy cynicism may have an increased willingness to resist persuasive behaviors. In other words, the feeling of being under surveillance can lead to a lower positive attitude towards the advertised brand. Consumers with high privacy cynicism may be more easily persuaded to accept personalized advertisements rather than resisting them. In other words, the fact that consumers with high privacy cynicism feel they are being monitored may not lead to a negative attitude towards the brand shown in the advertisement. This is because utilitarian factors such as the value, relevance, and convenience of an advertisement can outweigh the costs. This situation can also lead to the formation of a positive brand attitude among consumers with high levels of privacy cynicism (Segijn et al., 2024: 510-511). From another perspective, despite being aware of the privacy threats in the use of virtual assistants, consumers who embrace privacy cynicism instead of abandoning the use of these assistants continue to interact with them. Therefore,

these cynical consumers can use virtual assistants with positive feelings and attitudes, without regard for privacy concerns (Acikgoz & Vega, 2022).

Privacy cynicism is the cognitive surrender of consumers to privacy threats on online platforms, leading them to disregard and overcome their privacy concerns. Therefore, consumers who believe that online platforms are seizing and using their personal data, and who have low privacy cynicism, are less likely to feel discomfort and vulnerability. Because these consumers do not feel powerless and frustrated by online platforms seizing their data (Chen et al., 2023). Liu & Gómez-Cruz (2025) propose the concept of platform cynicism, stemming from privacy cynicism. The authors define platform cynicism as “*an ambivalent and negotiated user attitude in which skepticism, mistrust, and criticism of platforms’ exploitative, manipulative, or unethical practices coexist with pragmatic, often reluctant engagement and tactical adaptation due to structural, social, economic, or cultural constraints*”. The authors define platform cynicism as the behavior of negotiating the tension between the loss of privacy and the desire to use a social media platform by consumers. According to this cynical characteristic, the user is neither fully compliant nor resistant, but rather adopts a negotiated attitude. The authors state that platform cynicism has five dimensions: “*cognitive awareness*”, “*affective disillusionment*”, “*pragmatic resignation*”, “*tactical adaptation*”, and “*user-platform co-constitution*”. These characteristics have been described by the authors as follows, respectively:

- **Cognitive awareness:** Users of online platforms are aware of, despise, and suspicious of these platforms’ misleading pricing practices, data surveillance, and manipulative and deceptive methods.

- **Affective disillusionment:** At the root of cynicism on online platforms lies frustration, sentimentality, and resignation. However, while users of these platforms are pleased with the incentives they offer, they are also angered by the manipulative and deceptive strategies they employ. An experience and interaction in which satisfaction and frustration coexist emerges.

- **Pragmatic resignation:** At the root of online platform users’ acceptance of these platforms’ manipulative and deceptive strategies lies an attitude driven by self-interest. This utilitarian and rational approach is based on a reward that includes factors such as economic convenience.

- **Tactical adaptation:** Online platform users do not completely reject these platforms despite their manipulative and deceptive strategies. While they

accept the features of these platforms that are beneficial to them, they avoid those that they perceive as manipulative and deceptive.

- **User-platform co-constitution:** While online platform users focus on controlling their consumption behavior, these platforms continue to regulate and strengthen their interactions with users. Thus, users' cynicism towards online platforms can be strengthened.

6. Conclusion

The concept of cynicism, whose origins date back to Ancient Greece and which has been discussed by many philosophers, ranging from a lifestyle to a philosophical movement, has also become a subject in the field of consumer behavior within the marketing discipline. Although consumer cynicism is often compared to phenomena such as anti-consumerism, consumer resistance, and skepticism in terms of consumer behavior, it has established a distinct and unique place in the literature.

At the root of cynicism lies a rebellious, fearless, and natural way of life, a defiant attitude towards rules, and a condescending demeanor. This situation has given rise to a rebellious and defiant attitude towards social order and institutions in the name of independence and self-sufficiency. This attitude has been interpreted as cynicism. However, later approaches have evaluated the concept of cynicism in terms of motivations such as happiness, virtue, avoidance of regret, avoidance of disappointment, self-interest, and protection from manipulation. As a result of these assessments, consumers have begun to exhibit a cynical attitude towards brands and marketing stimuli. Just as people may think that others act selfishly in pursuit of their own goals, cynical consumers believe that brands and marketing strategies resort to deception for profit. In this context, cynical consumers who believe that brands are resorting to deceptive, misleading, and manipulative strategies may resist with anger, resentment, and sarcasm. This situation may be rooted in attitudes learned from past experiences, feelings of unmet expectations, and a sense of being deceived. Consumers who believe that the marketing strategies implemented by businesses are unreliable, deceptive, dishonest, false, and contrary to moral and ethical principles exhibit distrustful, suspicious, and rebellious behaviors. According to the literature, these behaviors may be limited to complaints for some consumers, while for others they may escalate into harsh, vengeful actions.

Consumer cynicism is rooted in attitudes such as criticism, distrust, and skepticism towards marketing strategies. These attitudes can also show that

consumer cynicism is a psychological response encompassing personality, belief, and a desire to maintain control and protect oneself. Marketing practitioners and policymakers should focus on strategies that will not create consumer cynicism and strengthen consumer resistance. In this regard, transparency, trust, and consumer satisfaction should be sincerely emphasized at every stage of the consumption process. With advancing technology, it is evident that there is a greater need in the literature for studies that address the factors that increase and decrease consumer cynicism, and the consequences of consumer cynicism.

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CHAPTER IV

DIGITAL FATIGUE AND MARKETING STRATEGIES BASED ON ITS EFFECTS ON CONSUMER BEHAVIOR

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An abundance of information creates a poverty of attention
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1. Introduction

Digital transformation refers to integrating digital technology into all areas of an organisation, changing the way it works, and delivering value to customers. It involves rethinking traditional business processes and embracing new technologies such as cloud computing, big data and artificial intelligence to drive innovation and growth (Spectraling, 2023). These innovations enhance the customer experience and improve the retailer's operational agility, making it easier to adapt to market changes and consumer preferences (Alice, 2026).

Digital technologies offer consumers numerous opportunities. In summary, these include (Alice, 2026; Spectraling, 2023; Wndyr, 2022);

- ✓ *Enhanced customer experience*: A particularly personalised customer experience designed to deliver convenient and seamless interactions.

- ✓ *Increased efficiency*: Significant benefits are available in terms of streamlining businesses' marketing processes.

- ✓ *Cost savings*: Automating manual processes, in particular, will lead to savings in labour costs.

- ✓ *Better decision-making*: Access to and analysis of large amounts of data enables informed decisions, resulting in improved decision quality.

- ✓ *Competitive advantage*: Digital technologies not only provide a competitive advantage but can also help overcome competition.

- ✓ *Better collaboration and communication*: Utilising technology to improve the flow of information and ideas enables better collaboration and communication between employees, partners and customers.

In addition to the advantages it offers to both businesses and consumers, the constant online presence of digital technologies has normalised this situation, bringing with it cognitive and emotional problems. The phenomenon of digital fatigue, which has become increasingly discussed in recent times, is a new concept that has emerged as a result of excessive use of technology. This concept can be described as mental exhaustion in a sense, but due to its negative effects on attention and motivation, it is sometimes confused with different terms in psychological terms.

Marketing literature frequently emphasises the need to establish as much communication as possible with customers and potential consumers. However, the concept of digital fatigue presents a paradoxical structure that completely challenges this tenet of marketing. The current situation has led to communication forms that should be facilitated by digital technologies becoming detrimental, as it has brought to light the problem of consumers avoiding businesses rather than communicating with them. Therefore, the fundamental lesson that businesses need to learn is that they must strike a balance in their communication with consumers.

This section discusses the concept of digital fatigue in depth, based on the problems arising from businesses' communication with consumers, and examines the strategies developed by brands to adapt to this new psychological structure, such as withdrawal, simplification, or silence.

2. The Concept Of Digital Fatigue, Scope And Dimensions

Fatigue is a subjective symptom of exhaustion or lack of energy. It is the seventh most common symptom identified during medical consultations in the United States. Fundamentally, fatigue can be the result of almost any physical or psychological illness. The literature identifies four main classes of fatigue: physiological, physical, psychological, and mixed fatigue (VirginiaTech, 2010). The concept of digital fatigue, which is new to the literature, refers to a state of both mental and physical exhaustion (Letsignit, 2025).

Digital fatigue stems from excessive stimulation, information overload, and interactions in individuals' digital activities. The concept is fundamentally based on theories such as cognitive load theory and bounded rationality, and its dimensions include cognitive, emotional, and behavioural elements. Personal factors such as FOMO also influence these factors. Consumers who are anxious about missing out on any developments increase their own fatigue by constantly staying online. Berkup (2024) defines this fatigue as mental, emotional, and behavioural exhaustion. Borges-Tiago et al. (2024) highlight the importance of motivational factors and note that benefit-oriented motivations ensure continuity. On the other hand, Fernandes and Oliveria (2024) emphasise social media and argue that the excessive load of intense brand messages targeting young consumers triggers fatigue.

As individuals begin to engage with digital communication technologies and online systems, negative consequences can also grow rapidly. Social media constantly highlights this situation and mentions that it is more complex and complicated than it appears (Klingerhoefer and Gilbert, 2024).



Figure 1: Digital Fatigue (Google Images).

The concept of digital fatigue is relatively new, and therefore there is no single definition in the literature. Furthermore, there is no consensus on which outcomes, such as fatigue or low motivation, may be attributed to digital fatigue. However, the concept refers to the state of overload and emotional exhaustion resulting from individuals spending long periods of time in digital environments. As a natural extension of this situation, it requires establishing a relationship with concepts such as mental fatigue or screen burnout.

Digital fatigue occurs when an individual makes intensive use of technological devices in their work or private life. Cognitive saturation occurs as a result of the individual's excessive interaction with digital machines. The brain's constant exposure to and processing of intense information leads to cognitive exhaustion. As a result, the individual becomes unable to absorb new information. Common symptoms include concentration and memory problems, irritability, headaches, sensitivity to noise, anxiety, sleep disorders, and decreased motivation (Knowmore, 2026).

Digital fatigue is explained at a more technical level by Richard E. Mayer using cognitive load theory. According to the theory, cognitive load refers to the limitations of working memory and individuals' information processing capacities. If an individual exceeds this capacity, their body will react negatively. Digital environments, however, push human capacity to its limits (Akkoyunlu

and Soylu, 2005; Çakmak, 2007; Yiğit, 2024). On the other hand, Herbert A. Simon's attention economy approach argues that when there is too much information, attention decreases (Demirhan and Mirabi, 2024; Yalçinkaya and Karadağ, 2025). According to Simon, the information pollution brought about by the information age has made consumers' attention even more scarce. Consumer attention is a value, like money for a product or service, for which something is expected in return. This reality has given rise to a new competitive arena called the attention economy (Yalçinkaya and Karadağ, 2025). However, marketing businesses' constant desire to communicate with consumers causes mental fatigue. This argument asserts that the attention economy makes it imperative for marketing businesses and digital content creators to effectively capture and retain consumers' attention (Hinz et al., 2020).

According to a study conducted on social networking sites (SNS), a significant number of social media users have abandoned their interactions on popular SNS such as Facebook, YouTube, and Myspace, complaining of fatigue. A similar situation has been encountered on WeChat, one of the most successful SNS providers in China. Although the results claim various effects, including perceived overload, dissatisfaction, feelings of regret, and social communication participation, research on this topic is limited (Pang et al., 2022).

Social media overload is defined as users being exposed to an amount of content and interaction beyond their capacity through social media (Pang, 2020). Current research indicates that businesses should use social media more carefully within the framework of digital fatigue. In this context, three fundamental dimensions of digital fatigue can be discussed (Khairati et al., 2025); these dimensions cause consumers to resist brands that communicate messages through social media.

- ✓ *Cognitive dimension*: Distraction and difficulty processing information,
- ✓ *Emotional dimension*: Feelings of overwhelm and loss of motivation,
- ✓ *Behavioral dimension*: Digital avoidance, turning off notifications, and blocking brands.

2.1. Digital Fatigue: Causes and Measures to Combat It

Digital fatigue creates numerous negative physiological and neurological effects on individuals. Some of these effects stem from the individual's personality traits, while others are due to environmental factors. The literature focuses on the following causes related to digital fatigue;

✓ Excessive Content and Message Density

Excessive content leads to increased cognitive load. Today's consumers, in particular, are exposed to hundreds of marketing messages in a single day. The increasing number of these communication channels and platforms leads to a continuous stream of messages. This situation increases the consumer's loss of control over market information.

Shirky (2008) emphasized that the problem stems not from an excess of information, but from insufficient filtering. Filtering is done not to reduce the information given to the consumer, but to increase the effectiveness of the information.

✓ The Problem of Constant Accessibility

Digital technologies have made individuals accessible at all times. Constant accessibility, first and foremost, disrupts the individual's work-life balance (Pinakobas, 2016; Yıldız, 2024). This situation is also valid in consumer-brand relationships. For example, encountering advertisements unintentionally while browsing a webpage, receiving messages at unwanted hours of the night, and time-limited messages are examples of brands' expectations for immediate feedback that cause cognitive loss in consumers and lead to them facing stress.

✓ Constant Repetition

Releasing similar content or the same message periodically to the recipient leads to monotony and content saturation in the consumer. This situation creates brand hatred and consequently increases brand avoidance behaviors. Brand hatred is the negative feelings a consumer has towards a brand. It is the negative feelings that the consumer has towards a brand, such as fear, disgust, resistance, anger, revenge, punishment, and harm (Seldüz and Akın, 2025). Hegner et al. (2017) conceptualized brand hatred as "a more intense emotional response than the feeling of disliking a brand that consumers have towards a brand." Unlike other studies, the authors pointed out that brand hatred is stronger than the feeling of disliking a brand (Güran and Dölarslan, 2024). Therefore, brand hatred harms the marketing strategies of businesses in the long run.

As a way to combat digital fatigue, individuals are using digital disconnection. Digital disconnection occurs when selective boundaries are applied, meaning digitally disconnecting. Disconnection is a behavioral or

cognitive action to avoid using certain features of digital media. For example, not using a smartphone during face-to-face social interactions. Another form is to completely or partially interrupt communication at certain locations or times (Klingerhoefer and Gilbert, 2024).

3. The Impact Of Digital Fatigue On Marketing And Consumer Behavior

The most significant impact of digital fatigue on consumers is the negativity it causes in decision-making processes. Academic studies have identified significant decreases in information processing capacity and satisfaction in individuals experiencing digital fatigue, and have detected avoidance-based purchasing. For example, if a consumer is exposed to excessive digital stimuli, they will reduce their participation, ignore brand messages, and in most cases, leave the platform. Therefore, Akhtar and Akhyar (2024) suggested, based on the results of a global survey, that digital fatigue leads to decision paralysis in the attention economy.

Especially with the emergence of the work-from-home trend, digital fatigue has reached significant levels. According to research by Fisher (2022), the burnout rate was 24% before working from home, but it increased to 77% after working from home. In addition, the level of stress or pressure also increased, from 54% to 91% (Suryawijaya et al. 2023).

According to Deloitte's "2021 Connectivity and Mobile Trends Survey", almost one-third of consumers reported feeling overwhelmed by the number of devices and subscriptions they have to manage. This figure is even higher among parents with minor children at home (43%) and adults working from home (40%) (WSJ, 2026).

From a demographic perspective, Generation Z, often referred to as the younger generation, is more susceptible to digital fatigue, while older consumers continue to use the platform with low satisfaction. This results in decision paralysis, increased post-purchase regret, and damaged brand loyalty. Kabir et al. (2025) also noted that fatigue leads to brand avoidance.

According to Balaskas et al. (2025), the excessive repetition of personalized ads, developed as a measure against digital fatigue, leads to resistance. A survey conducted by Harris in February 2025 showed that 81% of Generation Z adults and 78% of millennials want to disconnect from their digital devices. On the other hand, according to ExpressVPN data, approximately half (46%) of Generation

Z worldwide limit their screen time in some way, while 17% say they limit their screen time all day or for a significant portion of the day (Feger, 2025).

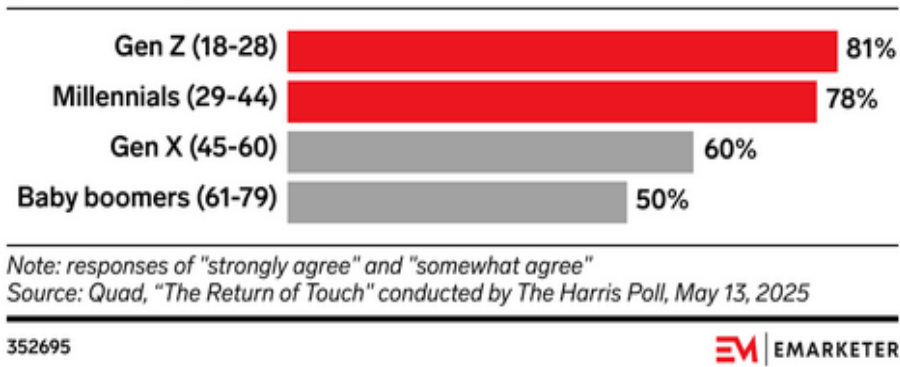


Figure 2: Intentions to Ditch Digital Devices Across Generations (Feger, 2025).

The results of the four studies above show that society is already experiencing digital fatigue. Therefore, digital fatigue has both direct and indirect effects on marketing activities. For example, if a business causes fatigue in consumers with excessive messages, this will also negatively affect other businesses’ advertising messages. In this case, a decrease in click-through rates, ad blindness, or negative attitudes towards brand loyalty may emerge. Therefore, consumers experiencing digital fatigue may adopt a negative attitude towards all marketing communications.

Studies conducted specifically on Generation Z stem from this generation constituting a significant market force. When examining the digital preferences of this generation, the following graph emerges (Marquez, 2025).

According to Deloitte’s 2022 report, consumers are frustrated by the complexity of managing their digital lives. Forty-one per cent of consumers stated that they dislike managing their devices (e.g., software updates). Twenty-eight per cent said they feel overwhelmed by the devices and subscriptions they have to manage. Adults aged 18-40 feel more overwhelmed (23%) than older generations (37%) (Arbanas et al., 2023).

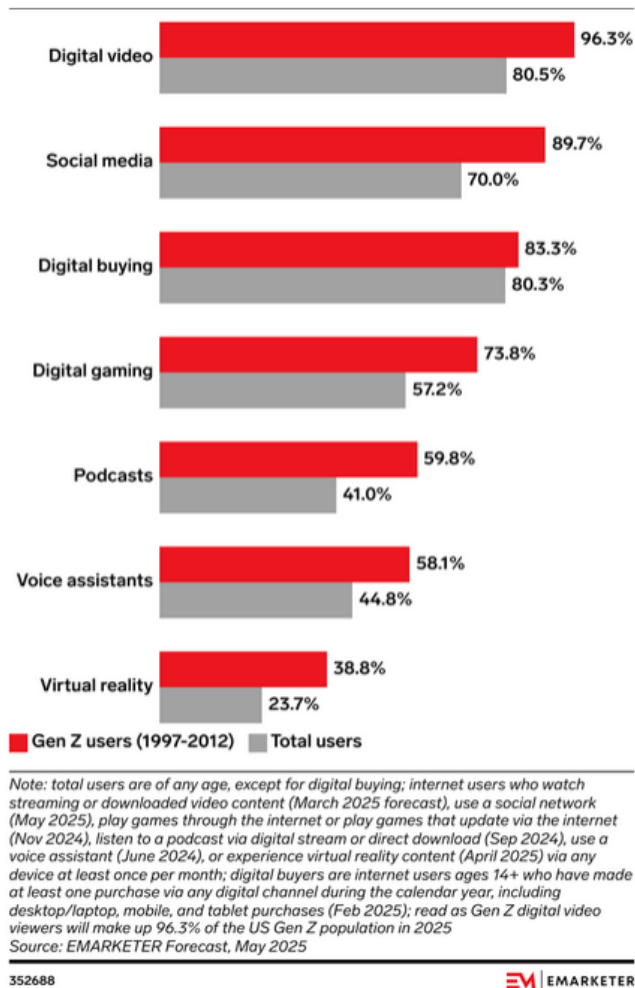


Figure 3: Digital Preferences of Users Z and Others (Marquez, 2025).

Digital fatigue significantly affects consumer behaviour and can even cause change. For example, decision fatigue can alter all of a consumer’s decision-making processes and even affect their usual consumer behaviour. Consumers experiencing fatigue generally turn to simpler decision-making strategies. In this case, consumers will avoid complex decisions. Consequently, a more common consumer behaviour is the tendency to prefer familiar brands rather than seeking out new ones. Therefore, it becomes nearly impossible to recommend new products to fatigued consumers. It is not possible to say that fatigued consumers make rational decisions.

The increasing global consumption of digital media, particularly among younger generations and professionals who are heavily reliant on digital interfaces for work and entertainment, has become an increasingly significant issue. In this context, the consumer decision-making process is no longer merely a matter of rational evaluation but has also become a psychological negotiation between cognitive overload and limited attention capacity (Okorozoh, 2025).

Consequently, rather than providing consumers experiencing digital fatigue with more information, it would be beneficial to reduce the amount of information they encounter and provide selective information instead.

3.1. Advertising Blindness and Sensory Adaptation

The concepts of advertising blindness and sensory adaptation are closely related to digital fatigue. When a consumer is exposed to continuous advertising messages, the impact of these stimuli diminishes over time. This situation not only leads to advertisements going unnoticed but also weakens the impact of the stimuli.



Figure 4: Advertising Blindness (Google Images).

Advertising blindness is when consumers consciously or subconsciously ignore similar information. While this situation can often be remedied in the online environment by playing with advertising metrics, this solution may

not always work (Ezoic, 2025). In the digital marketplace, where the “skip ad” button is used very frequently, the concept of “advertising blindness” is constantly being discussed. In most cases, advertisements that are perceived negatively by consumers due to excessive advertising eventually cease to attract the consumer’s attention. In short, consumers become desensitised to advertising (Gökmen, 2019). The most significant impact of ad blindness on consumers is that it facilitates wrong choices or less informed purchases because they do not have enough information about the products and services they need (Newsight, 2025).

In most cases, ad blindness stems from website visitors who know where an advertisement will appear and have had a negative experience with such advertisements in the past (Öz, 2019). Therefore, personalised and fully tailored advertisements are the most important factors in preventing ad blindness. However, to prevent ad blindness (Gökmen, 2019; Öz, 2019; Userspots, 2026);

- ✓ Create a simple and interesting ad design,
- ✓ Identify the target audience,
- ✓ Create ads with viral content,
- ✓ Create social advertisements using social media,
- ✓ Collaborate with influencers,
- ✓ Produce advertisements related to content that interests consumers to resolve the issue.

4. Marketing Strategies for Businesses

To combat digital fatigue, businesses can develop the following key strategies;

✓ *Quality-focused content creation*: Rather than prioritising quantity, emphasising quality through educational and concise content, minimalist designs, and clear messages will reduce consumer fatigue. For example, E-Marketer (2025) has stated that digital fatigue has revitalised physical marketing.

✓ *Human-centred approach*: Empathy should be shown to consumers through conversational marketing and two-way communication channels. Borge-Tiago (2024) has recommended empathy strategies.

✓ *Hybrid strategies*: Physical approaches such as pop-up shops should be developed. Tactile experiences strengthen loyalty. BannerBuzz (2021) emphasised that hybrid strategies reduce overload.

✓ *Personalisation*: Over-personalisation should be avoided, and ethical data usage should be prioritised. Interactive content reduces passive consumption. Berkup (2024) recommends the balanced use of personalisation.

✓ *Sustainability and social responsibility*: Consumer welfare should be a priority. Akhtar and Akhtar (2025) emphasised the ethical importance of sustainable strategies. Fernandes and Oliveria (2024) discussed the fatigue-reducing effect of social responsibility.

4.1. Retreat in Marketing, Digital Silence and Digital Detox

Crises are the moments when corporate reputation is most under threat. A crisis is an unexpected, destructive event that impacts the reputation of a business. The communicative responses businesses exhibit during crises play a decisive role in managing the damage the crisis causes to reputation. Coombs (2007)'s Situational Crisis Communication Theory outlines intervention strategies in crisis situations (Küçükçivil and Koçyiğit, 2025). Withdrawal from marketing or digital silence is one of the strategies for resolving a communication crisis.

Creating more impact by being less visible is a new marketing approach. Withdrawal strategies involve brands consciously reducing their communications. This does not mean that the company completely stops sending messages. Sometimes it means simplifying messages or adjusting the amount of communication. In short, withdrawal does not mean digital silence. In a sense, this leads the business to re-evaluate both itself and its consumers, enabling the development of stronger communication channels. This strategy removes information overload from the consumer, placing them in a position of voluntary choice and allowing them to feel in control.

Digital silence refers to brands consciously refraining from sharing content, running campaigns, or calling for engagement during certain periods. From an individual perspective, this manifests as shadow banning, also known as stealth banning. Here, a user quietly prevents or restricts their access to social media platforms (Thomas and Manalil, 2025). This situation can convey a range of messages to consumers, from indifference, dominance and emotional boundaries to avoidance of conflict and even social rejection (Mirza and Kumari, 2025). Another important recent behaviour pattern is “phubbing”, which is ignoring one’s phone and neglecting others except those physically present (Naz and Güçlü, 2025). For example, deliberately not answering calls from businesses as a reflection of this situation can also be called “phubbing”.

There are also silent users who consume content on social media but do not contribute in any way, including comments. These individuals may remain silent not because of disinterest, but due to personal reasons such as lack of self-confidence, social anxieties (such as fear of criticism) or a need to acquire information (Ören, 2025). Understanding the behaviour patterns of silent users and their impact on the platform provides valuable information for many marketing applications, such as creating personalised advertisements, identifying appropriate target audiences, identifying attention-grabbing content, and presenting product recommendations more accurately (Ören, 2025).

Digital detox, on the other hand, refers to individuals distancing themselves from digital devices and social media for specific periods. From a marketing perspective, it implies the consumer questioning their interest in a brand. In such an approach, the consumer asks themselves, “*Why am I constantly communicating with this brand?*” Thus, the consumer reduces their communication with brands. On the other hand, their expectations from the brands they communicate with also increase. It is necessary to send in-depth messages to consumers who are undergoing digital detox.

On the other hand, the term “detoxification” refers to the process of eliminating toxic substances or qualities. In the case of a digital detox, the individual abstains from devices such as smartphones, computers, tablets, and televisions, as well as social media sites, for a certain period of time (Brown University, 2023, Anandpara et al., 2024).

Digital detox provides the following benefits to consumers’ lives (Brown University, 2023);

- ✓ Less stress
- ✓ Better focus
- ✓ Better sleep
- ✓ Better relationships
- ✓ More time

Current evidence suggests that making small changes to digital screen time, rather than completely avoiding technology use at weekends, may be a more productive and sustainable approach than giving up a problematic app altogether (Kushlev, 2025).

4.2. *Slow Marketing, Selective Visibility and Timing-Based Marketing*

Slow marketing emerged as a result of the slow movement. In today's fast-paced world, slow marketing offers a different approach. This strategy aims to build more authentic and lasting relationships with consumers by valuing quality over constant content production (Lesdigivores, 2024).

This marketing approach operates on five fundamental principles. These are:

- ✓ *Quality*: Quality products positively influence purchasing, even in limited quantities.

- ✓ *Personalisation*: Messages tailored directly to individual needs can build lasting relationships.

- ✓ *Sustainability*: Consumers prioritise brands that promote trust and long-term relationships.

- ✓ *Customer-centricity*: Slow marketing does not believe in manipulating customers. Instead, it empowers them to make informed decisions.

- ✓ *Authenticity*: When a brand's communication aligns with its core values, it instils trust.

Selective visibility focuses on brands communicating at more meaningful times rather than through periodic communications.

Selective visibility in the media describes the modelled presentation of sustainability-related information that influences public perception and action, where certain narratives are highlighted while others are marginalised (Lifestyle, 2025). In this approach, the brand builds an image of being a brand that appears at the right moment, rather than one that is constantly "there". Such brands do not cause digital fatigue and become a product that consumers can turn to when needed.

Selective visibility also means that the brand can withdraw when necessary. A brand that knows when to show itself will gain consumer trust. For example, in Werner Herzog's 2007 documentary, a penguin that separated from its flock and walked alone, the "Nihilist Penguin", quickly went viral on social media. Although there was no scientific explanation for why this penguin separated from its flock, advertisers attributed different meanings to it. People who watched this documentary felt that they were becoming increasingly isolated in a complex world. However, the penguin's real tragic story led to protests against the businesses that used it in their advertisements.



Figure 5: Nihilist Penguin (Google Images).

In addition to misinterpreting any event, it can be said that the main problem with today's marketing communication is not so much the content of the message as its loss of meaning. Sometimes, advertisements shown one after another cause the message to lose its meaning. In this context, it would be more meaningful for consumers if businesses produced messages with deeper meanings rather than producing a large quantity of advertising content.

Zygmunt Bauman (2007) states in his work *Consuming Life* that "*consumers experiencing digital fatigue turn to messages that offer meaning and a sense of belonging, even if temporary, rather than constant and superficial stimuli...*" Thus, it can be said that messages offering higher meaning to consumers are more likely to elicit a response.

5. Brand Strategies, Trust And Ethics In The Context Of Digital Fatigue

The prevalence of digital fatigue is affecting not only the frequency of brand communications but also how brands should position themselves. Today, brands should consider the question "*When and why should we appear?*" rather than simply appearing more often.

A survey presented by ANA and Harris Poll at the 2025 ANA Marketing Masters of Marketing Conference compared “marketer perception” and “public reality” (Ana Driving Growth, 2025). The results of this survey suggest that future marketing success will require offering offline experiences, while also recommending that brands should turn to AI-focused hybrid technologies (Sevilla, 2025).

Today, brands must reassess when to engage with consumers, how to deepen the meaning of their content, and how to build relationships within the consumer context. Brands must recalculate how they position themselves in relation to the consumer, considering the possibility of withdrawal when necessary, understanding the consumer, and providing them with a space where they can be empowered and assist in decision-making.

The key concept in this process is trust. Just as someone who lies constantly feels the need to explain themselves, brands forcing constant communication with consumers can lead to brand fatigue and even brand hatred. Consumers who constantly question the situation are also prone to misinterpreting events.

In the context of digital fatigue, trust has been linked to the timing and intensity of messages. The constant effort to be visible weakens brand trust, while strategic silence strengthens it (Wu, 2016; Newport, 2019). On the other hand, the expectation that brands constantly communicate with their consumers negatively impacts the psychological well-being of consumers, leading to discussions about ethical responsibility in marketing. Constant communication is a form of communication that harms both the consumer and brand value. Permission marketing can partially solve this problem. However, laws mostly evaluate permission marketing within the framework of the use of personal information. In this context, constant communication should be considered a systematic exploitation, and ethical boundaries should be redefined.

6. Conclusion And General Assessment

The rapid development of digital technologies, the increasing amount of information consumers constantly need, the parallel high development in information processing technologies, and increasingly intense online interactions and notifications have caused an information bombardment for consumers. The concept of digital fatigue, which expresses the mental, emotional, and behavioral exhaustion of individuals, has emerged as a result of this process. A Deloitte report published in 2023 revealed that 38% of consumers have a problem limiting their access to digital environments, and this rate rises to 53%

among young people (Deloitte, 2023). This fatigue has become a serious problem for consumers after the pandemic period. Academic studies state that digital fatigue negatively affects consumers' decision-making mechanisms, leading to increasing unhappiness and decreased motivation. Akhtar and Akhtar's (2025) global study emphasized that digital fatigue leads to impulsive purchases by consumers.

Despite its negative effects, the concept of digital fatigue constitutes a relatively limited area of study due to its recent introduction into marketing literature. However, there are numerous assessments of its negative impacts in both psychology and marketing. The root cause of this problem lies in consumers' inability to detach from the digital environment and businesses' communication expectations. In particular, businesses' expectation of constant communication with consumers leads to digital fatigue. The increasing cognitive and emotional burden causes consumers to react negatively or indifferently to marketing messages, increasing their selective behavior.

As a result, digital fatigue has forced businesses to adopt new strategies, bringing empathy and sustainability-focused approaches to the forefront. In this sense, the attention economy, combined with sustainable approaches, can provide a competitive advantage. On the other hand, the benefits of artificial intelligence in this context should definitely be examined in future research in the context of developing more humane strategies.

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CHAPTER V

GREEN MARKETING STRATEGIES

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1. Introduction

Environmental factors and climate change have significantly influenced and transformed consumer behavior and environmental awareness. This has led to an increase in demand for green, eco-friendly products. Green behaviors and the benefits they provide strengthen not only loyalty to products and brands, but also loyalty to different products in the market. In this context, environmental issues have become an increasingly discussed topic among consumers; many consumers have become aware of the impact of their consumption activities on the environment (Pop et al., 2020).

This environmental awareness and activism is driving businesses to develop and produce more sustainable products that cause less harm to the environment. Organizations have made it a priority to create a green product portfolio during this process.

The term green marketing was first coined in the late 1980s and early 1990s by Polonsky and Everitt. The concept of green marketing means minimizing a product's environmental impact through product design, sustainable production, and integrated marketing campaigns. Its primary goal is to promote environmentally friendly products and meet the demand for sustainable consumption (Alkhatib et al., 2023).

The concept of green marketing is referred to in the literature by various names, such as environmental marketing, eco-friendly marketing, and ecological marketing. It became an important concept in the literature with its widespread recognition in the early 1990s. The American Marketing Association (AMA) published its first studies on ecological marketing in 1975. The reports of this

study encouraged the publication of the first book, “Ecological Marketing,” and subsequently paved the way for many books on the subject to emerge (Savaş, 2022).

The green marketing approach ensures that environmental quality is taken into account throughout the entire life cycle of a product, from the packaging stage through to its use and eventual disposal as waste. In line with this approach, priority is given to informative signs and explanations during the presentation of products and services, with the aim of raising consumer awareness about environmental impacts (Onurlubaş, 2016). Various studies have shown that appropriate advertising techniques can change people’s daily habits and behaviors in ways that increase the likelihood of consuming certain products.

There are several differences between green marketing and sustainability marketing, and it is extremely important to understand this difference correctly. Green marketing focuses primarily on the development and promotion of environmentally friendly products and services, emphasizing environmental benefits. In contrast, sustainability marketing adopts a more comprehensive approach. It encompasses not only environmental protection but also social responsibility and economic sustainability goals. This approach requires the active participation of national and local governments, organizations, and all segments of society, as well as the joint consideration of fundamental elements such as human resources, financial support, and a strong infrastructure (Burksiene et al., 2018).

As a process, sustainability marketing encompasses economic, environmental, social, ethical, and technological dimensions (Lim, 2016, cited in Burksiene). This multidimensional structure also demonstrates how comprehensive and complex an approach sustainability marketing is.

Recent studies have revealed that there are many variables that influence consumers’ purchase intentions and actual behaviors regarding environmentally friendly products and services. Research shows that psychographic characteristics, sociodemographic structure, social environment, cultural values, and individual factors play a decisive role in this process.

Consumer behavior usually begins with the formation of an intention. Individuals develop a mental inclination to perform a specific behavior under the influence of various internal and external motivations. This inclination can strengthen over time and turn into concrete behavior. A similar process occurs in the context of green products; the consumer’s environmental awareness, values, social influences, and perceptions are among the key factors shaping the purchase decision (Kaur et al., 2022).

Green marketing is a holistic process implemented with the contribution and coordination of all relevant units of the business, based on an understanding that focuses on customer needs and values. This approach requires not only the marketing department but also all functions of the business, such as production, R&D, finance, and management, to act in harmony based on environmental awareness.

The adoption of a green marketing strategy brings about a significant transformation in how the company initiates, manages, and integrates green practices into its corporate structure. This strategy directly affects how the company responds to rapidly increasing customer demand for environmental awareness, how it adapts to dynamic market conditions, how it defines its target market, and how it positions its value proposition in the market. Furthermore, how the company uses its green initiatives to gain a sustainable competitive advantage is also part of this strategic orientation (Gedik, 2020).

Studies examining the impact of the 4Ps of green marketing (product, price, promotion, and place) on consumers' purchasing decisions regarding environmentally friendly products reveal that product design and promotional activities, in particular, play a more decisive role in purchasing decisions among these strategies. Research shows that concretely reflecting the product's eco-friendly features in its design and supporting these features with effective communication strategies significantly influences consumer preferences (Kiyak & Grigoliene, 2023). On the other hand, studies examining the effect of green marketing on consumers who are knowledgeable about environmental issues (those with high environmental awareness) and individuals with more limited knowledge about the environment have not yielded consistent results. Some studies suggest that consumers with a high level of environmental knowledge are more sensitive to green marketing practices and that this positively contributes to their preference for more environmentally friendly products. In contrast, other studies argue that environmental awareness develops interest and positive attitudes among consumers, but this effect does not always translate directly into purchase intent or actual purchasing behavior. This situation demonstrates that the relationship between environmental knowledge and behavior is complex and multidimensional.

2. Conceptual Framework

There are five strategies applied in Green Marketing. These are:

- 1- Green Product Strategy,

- 2- Green Pricing Strategy,
- 3- Green Promotion Strategy,
- 4- Green Distribution Strategy,
- 5- Green Labeling Strategy.

2.1. Green Product Strategy

Product decisions play a decisive role in the development of marketing strategies. The success of a marketing program largely depends on the product's features, the benefits it offers, and its suitability to the needs of the target market. The product represents the value proposition that the business offers to the market, while also guiding the shaping of pricing, distribution, and promotion strategies.

Therefore, the product is positioned at the center of the marketing mix and forms the basis for all other marketing decisions. As emphasized in the literature, the product is seen as the “cornerstone” of the marketing mix and is of strategic importance (Peattie, 1995).

Polonsky (1994) defines green marketing as the process of meeting consumer demands in a way that causes the least harm to the environment. From another perspective, this approach is a process that prioritizes environmental awareness while meeting the needs of both companies and consumers and aims to minimize negative impacts on natural resources.

Green marketing is defined as an approach that focuses on identifying and meeting consumer needs without compromising business profit and efficiency goals (İlgar & Köprülü 2023).

The fundamental objectives of green marketing are addressed in the literature within the framework of an approach centered on environmental sustainability (Onurlubaş, 2016). In this context, the primary goal is to ensure the effective and efficient use of limited natural resources, in other words, to optimize resource use, rather than creating new areas of consumption.

The green marketing concept aims to preserve the natural balance and minimize energy consumption rather than encouraging the production of short-lived, disposable products. In this regard, reducing the environmental impact of production and consumption processes is adopted as a fundamental principle.

However, developing alternative production and management models that will reduce the environmental pollution caused by industrial activities and prevent ecological destruction are also among the important objectives of green marketing. In addition, the widespread use of environmentally friendly products,

the minimization of packaging processes, and the creation of a recycling awareness throughout society are targeted.

Finally, in order to achieve systemic sustainability, environmental responsibility should not be borne solely by businesses, but rather shared among consumers, public authorities, and civil society organizations. In this context, green marketing aims to institutionalize environmental awareness within a multi-stakeholder and participatory structure.

2.2. Green Pricing Strategy

The reasons why environmentally friendly products are priced higher than traditional products are discussed in detail in the literature. Researchers such as Hossain and Khan (2018), Domazet and Kovačević (2018), Eneizan (2015), Arseculeratne and Yazdanifard (2014) emphasize in their studies that environmentally conscious production processes have a high cost structure. These costs are not limited to production expenses; they also include investments in new and environmentally friendly technologies, equipment upgrades, compliance processes with environmental standards, and sustainability-focused corporate transformation activities. Furthermore, the creation of corporate environmental policies, employee training, green communication and advertising activities, and environmental protection expenditures are also included in the total cost structure. All of these elements are reflected in the final product price, making the justification of the price to consumers a significant strategic issue for marketers.

Today's consumers are aware that environmentally friendly products differ from traditional alternatives in terms of environmental impact and value proposition; however, they also know that these products are often more expensive. Consumers' willingness to pay a higher price is related not only to the functional benefits of the product but also to perceived total value elements such as design, aesthetic appeal, performance, quality, and environmental contribution. Nevertheless, price sensitivity continues to be a decisive factor in the consumer decision-making process. It is argued that consumers may be more willing to pay a premium if they sufficiently perceive the added value offered by an environmentally friendly product (Kiyak & Grigoliene, 2023).

According to Chang (2011), price is one of the most critical and strategic components of the green marketing mix. In the process of developing an environmentally friendly product, determining a price level that is accessible, reasonable, and encourages purchasing behavior by the consumer is considered a fundamental prerequisite. In this context, price is not only an economic

variable but also an important strategic tool that shapes the value perceived by the consumer and their purchase intention.

Environmentally friendly product pricing is defined as one of the most complex dimensions of green marketing. Reflecting social and environmental costs in the product price and consumers' acceptance of this price can encourage producers to develop more sustainable products.

The price of environmentally friendly products must be explained to consumers in a clear and convincing manner, as the perceived level of benefit directly affects the intention to purchase at a higher price. Factors such as raw material costs, the level of product differentiation, competitive conditions, market structure, and the value perceived by consumers play a decisive role in price formation. Therefore, strengthening the functional and symbolic value elements of the product in green marketing strategies increases the acceptability of the price premium.

In conclusion, the literature reveals that the relationship between environmental awareness and price perception is multidimensional. Environmental awareness and the motivation to contribute to solving ecological problems pave the way for certain consumer groups to prefer higher-priced eco-friendly products; however, this preference largely depends on the perceived value and rational justification of the price.

2.3. Green Distribution Strategy

Green distribution is a strategic approach that aims to systematically reduce environmental impacts throughout the process of delivering environmentally friendly products from the point of production to the end consumer. In this context, ensuring that consumers have confidence in the environmental quality of the product is considered a fundamental requirement (Hossain & Khan, 2018). Since distribution channels form the basic contact areas where the relationship between the business and the consumer is structured, it is important that these channels are organized in line with environmental sensitivity principles.

In environmental marketing literature, the concept of “green place” refers to the execution of distribution processes in accordance with environmental standards and the restructuring of logistics activities within the framework of sustainability principles. In this context, green distribution aims to reduce carbon emissions arising from transportation, storage, and delivery processes and minimize the environmental footprint (Hossain and Khan, 2018). Therefore,

the distribution element should be considered not only as a cost-focused activity area but also as a strategic component that can enhance environmental performance and provide a competitive advantage to the business.

2.4. Green Promotion Strategy

Green promotion encompasses communication activities aimed at conveying businesses' environmental commitments, sustainability practices, and ecological performance to the target audience. In this context, various communication tools such as advertising, public relations, direct marketing, sales promotion, and point-of-sale applications are used.

Looking at green promotion activities in Turkey, many advertisements are made to persuade consumers. These communication activities highlight elements such as lower energy and resource consumption in the production process, sustainable raw material choices, and the reduction of negative impacts on the environment and society. It is stated that these messages increase consumers' environmental awareness and positively influence their attitudes and purchase intentions towards green products. Generation Z's perception of green marketing is directly related to the high level of digital literacy, rapid access to information, and advanced critical evaluation tendencies that are among the distinctive characteristics of this generation. Exposed to a continuous and multi-sourced flow of information within the digital ecosystem, Generation Z evaluates brands' environmental claims in a more analytical, questioning, and skeptical framework compared to previous generations. This situation paves the way for them to develop a strong awareness, particularly against practices conceptualized as "greenwashing," where businesses attempt to build an environmentally friendly image solely through communication activities without internalizing environmental responsibility into corporate strategy and operational practices (Deniz et al., 2025).

In this context, transparency, consistency, and authenticity are central determinants in Generation Z's evaluation of green marketing messages. Leonidou et al. (2013) argue that the success of green marketing strategies depends on the level of perceived sincerity and the integrity of these strategies with the company's overall corporate behavior. In other words, the alignment between environmental rhetoric and corporate practices plays a critical role in establishing consumer trust. From the perspective of Generation Z, a brand's continued environmental damage in its production processes while running eco-friendly campaigns on digital platforms creates cognitive dissonance due

to perceived inconsistency; this, in turn, leads to consequences such as loss of trust, negative brand image, and potential consumer disengagement.

3. Conclusion

Research shows that retention activities and reference groups related to environmentally friendly products have a significant impact on consumer purchasing decisions (Siddique & Hossain, 2018). According to Singh (2013), green promotion is the process of communicating businesses' commitment to protecting natural resources and their understanding of environmental responsibility to consumers. In this context, communicating environmental information in a transparent, accurate, and consistent manner is critical for establishing consumer trust and ensuring that the target audience identifies with the business's sustainability vision.

Warner (1996, p. 4; cited in Ilgar and Köprülü, 2023) addresses the implementation of green marketing in four stages:

1. Developing product designs that meet the expectations of environmentally conscious consumers; for example, electric vehicles fall under this category.
2. Shaping business strategies in an environmentally focused manner; reducing waste and efficiently managing energy use are examples of this stage.
3. Avoiding the production of goods that pose a risk of environmental harm.
4. Beyond the first three stages, placing environmental awareness at the center of all business activities and adopting a corporate social responsibility approach. At this stage, environmental awareness is not limited to products or production processes, but is integrated into the company's culture and identity.

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CHAPTER VI

PRICING, INCENTIVES, AND WASTE VALORIZATION: MICROECONOMIC MECHANISMS FOR URBAN-RURAL INTEGRATION

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1. Introduction

Technological advances are merely a facilitator of the country's economic transformation from waste organic agricultural residues to tradable value. It also critically depends on the pricing architecture, incentive regime, and contractual arrangements determining if dispersed, low-density and often seasonally available biomass can be mobilised into stable value chains. Waste valorization is thus essentially a microeconomic coordination problem in this respect. Residues are only economically relevant when actors have enough incentives to collect, sort, store, transport, process and sell them for alternative uses before they are burned or dumped or informally reused at low value. Indeed, recent research in the agro-waste and circular bioeconomy literature reconfirms that profitability uncertainty is, still very much, one of the main obstacles to valorization. Notably, the most significant barriers include uncertainty regarding return on investment and payback periods, followed by weak regulatory support

and high upfront investments (Raja et al., 2025). This highlights that waste valorization cannot merely be understood as a technical conversion issue; rather, it needs to be studied as a market formation problem where expected returns are central as is also true for institutional predictability and risk allocation.

Residue markets are especially sensitive in terms of pricing because agricultural by-products are often “co-produced” with the main crop and thus must contend with partial price ambiguity at market entry. New research in Energy Policy on European agriculture shows that support policies for bioenergy raise the price of crop residues, and that the additional supply of trace crops (e.g. straw) is responsive to price but only slightly: The price-induced additional supply is elastic, but quantitatively limited according to Gérard and Jayet (2023), meaning that higher prices alone will not reveal a large new stream of biomass. Perhaps more importantly, they demonstrate that higher residue prices change land allocation, yields and input use, producing spillover effects that may be at odds with environmental objectives. This is an important policy lesson: price signals matter, but not in a frictionless vacuum. The balance policymakers seek to achieve by price support alone may lead them simply to the supply expansion they want, along with corresponding shifts in farmer behavior that they do not. Therefore pricing in residue valorization systems must be aligned with broader agri-environmental and territorial policy objectives.

This constraint of pure price policy illustrates why incentive design is relevant. new research on biomass-based industries shows not all subsidies are economically equivalent lin et al. (2024) differentiate biomass subsidies based on their intended cost mitigation impact as production, transport, product, and operating subsidies. The results show that transport subsidies are particularly cost-effective if the policy goal is to increase biomass utilization; however, they also enable greater use of biomass to be spread out among facilities (compared with production subsidies). They also demonstrate that operating and product subsidies may be optimal complements when a target biomass industry remains only weakly profitable. Such differentiation is very relevant for agricultural waste valorization, where the economic choke point is frequently not a single chain stage. In some contexts collection and transport are the main constraints, while in others keeping early-stage processors solvent until market demand matures is the problem. Therefore incentive systems should be tailored to the cost structure of the residue chain instead of just providing generic “green subsidies.”

Long-term contracting and purchase guarantees serve a similar function, making uncertain sources of biomass a more bankable and coordinated input stream. In markets for waste-derived feedstocks, farmers and processors often

face a bilateral uncertainty: producers are uncertain about whether residue harvesting and transport will pay off in the end, whereas processors are uncertain that enough feedstock can be delivered at known cost. In the case of perennial energy crops, McCarty and Sesmero (2021) find that optimal biomass contracts may involve a hybrid of performance payment, one-time establishment payment, and an annual acreage payment. Their analysis also implies that establishment payments are particularly successful in lowering buyer risk when dealing with uncertainty and the sunk costs. While they are based on an entirely different setting (energy crops, not residue-only systems), the economic mechanism is directly transferrable: where suppliers need to change behavior, pay for handling or invest in new logistics. In many cases, single one-off enabling payments and guaranteed offtake reduce barriers to entry more effectively than simple per-unit price premiums. In practice, this lends support to the inclusion of *alim garantileri*, cooperative delivery agreements and municipal or industrial offtake commitments in residue-based value chains.

A related policy principle is using deposit-like or return-oriented logic to construct a floor value on materials that would otherwise leak from the formal economy. While the strongest classical evidence in favor of deposit-refund systems is based on packaging and recycling policy rather than agricultural residues, the design insight carries over. Alpizar et al. (2020), for example, demonstrate how policy design can be thought of in terms of an “impact pathway” logic where instruments are aligned with the places at which behavior needs to change. But a deposit-style mechanism does not always require a bottle-style refund in residue systems. Instead, it might take the form of refundable collection incentives, return bonuses for sorted biomass or cooperative payment schedules that reward demonstrated delivery into formal processing channels. The bedrock economic function is identical: to raise the opportunity cost of disposal and render return flows more palatable. In the case of agricultural waste, this kind of mechanism is particularly helpful in areas where open burning or other informal low-value uses remain prevalent because the formal chain has not yet fully outcompeted for convenience with local disposal. The deposit principle here becomes a behavioral, and thus pricing architecture for the nudging of residues back into organized circuits of value.

But prices and incentives, no matter how good they may be designed, will always fall short if local market failures are not resolved. Agricultural residues are naturally diffuse, bulky, seasonal and have low unit value before preprocessing. This leads to classic coordination failures: individual farms might not produce enough volume to merit dedicated logistics, processors might

hesitate to invest without supply security, and local markets might remain too thin to yield a dependable price. Recent literature is leaning towards a systems approach to bioenergy and this signals a focus on bioenergy logistics, with one recent systematic review of sustainable bioenergy logistic demonstrating that agricultural and municipal biomass supply chains share persistent issues around high transport costs, seasonal availability of feedstock and storage limitation; it also highlights that coordinated planning among stakeholders in the biomass sector score over coordinated delivery through joint infrastructure investments in terms of chain reliability as well as overall cost (Ebrahimi et al., 2025). Similarly, one of the recent works in Waste Management highlights that integrated multi-feedstock and multi-product biorefinery arrangements are normally more attractive than individual single-stream cases but only when techno-economic feasibility assessment and scale-up rationale are provided to support them (Prado-Acebo et al. 2024). Collectively, these studies demonstrate that waste valorization is not simply a “correct pricing” problem. It needs institutions that can lower transaction costs, thicken thin markets and coordinate timing, volume and infrastructure across many actors.

That meaning is exactly where urban/rural integration is economically justifiable. In this chapter’s framework, the city is neither the final destination of consumption, nor simply where branded sustainability is ostentatious. It is the business center that has potential to consolidate scattered agricultural waste streams into formalized value chains. Seeing it this way, urban-rural integration does not mean only being neighbors. It is a governance model where the city acts as coordination platform for pricing, aggregation, certification, infrastructure and market access. Recent work on planning for urban agricultural waste reflects this approach by demonstrating that well-utilized urban waste cannot occur without full life-cycle planning to decide facility location, resource allocation, collection distance, and service-radius (Zhang et al. 2020). Ma et al. (2025) clearly show how potential environmental, energy and economic gains can be higher if agricultural waste from urban centers is designed to be handled in a way better planned and systematic, instead of ad hoc local practices. This strengthens a wider reading of the city as a kind of value coordination center: an institutional node that pools and directs material collection from rural peripheries, harmonizes processing and logistics, translates decentralized biological leavings into brittle but stable urban-situated economic activity.

This type of role also reframes city marketing and urban positioning. If you can convince a city that it regulates rural biomass flows via pricing schemes

and contracts for cooperation, facility planning or by instituting networks of processing that are incentive compatible, then the territory becomes legible not only as a market of consumption, but also as a manager of territorial value creation. This is a huge shift in branding vocabulary terms. The city itself is not just depicted as a “green” site in the symbolic sense, but becomes recognizable as an operational node of circular management. This perspective is further supported by contemporary research on circular agri-food supply chains highlighting the need for improved coordination and targeted subsidies among stakeholders, as well as enhanced cooperation with local smallholders to enable zero-waste transitions and resilient implementation (Andika et al., 2025). Similarly, policy evaluations of food-loss-based bioproduct industries emphasize that fragmented policy landscapes need to give way to the coordinated development of strategic instruments and structures for R&D support and incentive structures in order to create a level playing field as technologies progress (Churton & McCabe, 2024). Urban-rural integration takes on a real tenor when pricing and incentives are hardwired into territorial institutions; and that very institutional capacity can in turn be part of the developmental identity of the city.

The main implication for policy design is that residue valorization should be treated as a stratified economic system, not as one realm of intervention. First, pricing mechanisms should take into account that residue supply might respond to price but will do so only within ecological and behavioral boundaries. Second, incentives need to align with the real bottleneck in the chain (that is, whether it’s transport, production and operating viability or market entry). Third, purchase guarantees and cooperative contracts need to be used in order to mitigate some of the uncertainty that prevents suppliers as well as processors from committing themselves to the chain. Fourth, the logic of deposit-like returns can introduce floor value in points where formal return channels are weak. Fifth, local market failures - under-developed supply, or high logistics cost, fragmented actors and poor planning - warrant institutional coordination rather than price correction alone. Under these conditions the role of the city becomes economically strategic: it will house the platforms, infrastructure and governance arrangements that transform rural by-products into marketable outputs and in doing so become a recognised node of urban-rural integration.

Price and incentives are thus not peripheral technical details. They are the microeconomics of urban-rural integration. They establish whether agricultural waste remains on the rural margin of a chronically underpriced externality or is coordinated as part of a circulating resource throughout a wider territorial

economy. As long as they are systematically implemented, agricultural residues can contribute to waste reduction and a circular style of production, but also towards a more integrated economy within the entire region in which the city serves as a focal point for value discovery and contractual stabilization and organized market access. This explains why economic governance of waste valorization must be addressed not merely as a narrow agricultural policy issue, but as the bedrock for territorial development and urban-rural integration.

2. Microeconomic foundations of waste valorization

Valorization of crop residues is frequently presented in terms of the technical processes involved in their conversion, processing, and product development. However, from a microeconomic angle, the more fundamental question is whether residues can be upgraded-or, even more importantly still, whether there are incentives for actors to upgrade them at all and move them into formal value chains or to get their use confined to background noise of being underused (burning, disposing or not discarding enough) or retaining residues in low-value states in informal sectors. Thus, waste valorization is more than a technological transition in this regard. It is a coordination problem governed by prices, incentives, contract structures and local transaction costs. Recent literature confirms that financial uncertainty continues to be one of the largest barriers to agro-waste valorization, and noted that investment uncertainty, long pay-back periods, and high initial capital costs consistently emerge as large challenges in scaling value-added bioproduct pathways.



Figure 1. Microeconomic Foundations of Waste Valorization

Note. This figure represents the key microeconomic framework for residue valorization. It reframes valorization of waste as a coordination problem influenced by four interacting dimensions, namely, price signals, incentive generation and stabilization through contracts and local market conditions. This is reinforced by the visual that shows how economic value is only realized when these mechanisms across collection, delivery and processing are “aligned” enough to render rational behaviour for actors engaging in them. *Source: Authors’ own elaboration.*

This inefficiency stems from market coordination failure. Agricultural residues are not a typical commodity. They are normally produced as co-products of the production of primary agricultural output, which implies that their availability is inherently linked to the production of another commodity and not to market demand for the residue per se. Consequently, their pricing is frequently opaque, poorly sliced or locally bargained rather than transparent and set in deep markets. Besides that, residues are often bulky, seasonal, spatially dispersed in nature and low-value per unit before pre-processing. These features increase the costs of collection, separation, storage and transport which makes formal recovery economically tenuous in the absence of supporting mechanisms. Indeed, recent reviews on the use of agricultural residues and waste-to-value systems note that this combination of logistical challenges and economic thinness is among the fundamental reasons why technically useful residues remain commercially marginal.

Under those conditions, price signals are important but they can hardly ever be only enough. In principle, higher residue prices ought to act as the stimulus for additional collection and supply because they increase the opportunity cost of disposal and make recovery more attractive. However, real world work concerning crop-residue pricing in Europe has illustrated that while higher prices may translate into additional supply of residues, the elasticity to this effect will be moderate and the price effects can have modality over scheme land markets reflected on more general agricultural decisions around land use as well as yield systems and inputs. This is a key thing to understand about how to design policy: Residue markets are not like simple commodity markets where price solves the allocation problem pretty much by itself. Ecology, farm routines, labor availability, machinery and competing on-farm uses may also constrain the supply response. As a result, a solely price-led strategy may prove effective to some extent but ultimately fails to address the wider coordination dynamic.

A second important microeconomic mechanism is contractual stabilization. Bilateral uncertainty threatens these supply chains: Farmers may wonder whether the return from harvesting and delivering residues will be worth it, while processors won't invest until they are sure feedstock will come consistently at a stable price. In these scenarios, purchase guarantees, collaborative delivery agreements and structured supply contracts can all reduce friction for both parties. These mechanisms are important because they convert uncertain flows into expected commitments. Once supply is semi-stabilized in contracts, the residue starts to read more as an economic input; processors are better able to schedule capacity, investment and logistics. Contracts reduce uncertainty, lower the risk of coordination failures and enable a loosely available by-product to come together into a more commercializable and bankable stream of material. This rationale is consistent with the broader waste-to-value literature, which consistently emphasizes that valorization is more successful where actors can organize to create certainty through stable supply agreements and integrated chain design.

Information problems are also a huge issue. In many local contexts, residue markets are "thin", with numbers of active buyers and sellers too small to support stable prices, transparent quality signals or reliable expectations about future exchange. Under thin-market conditions, they may also underprice potentially valuable residues simply because actors lack information, infrastructure or trust that the chain will continue. This renders the formation of market itself a major microeconomic problem. Recent circular-economy investigations of agricultural waste utilization reveal the biggest constraints to be confusion over financing, ambiguity of management at various levels, and difficulty aligning stakeholder interests - particularly in contexts where decision-making across public/private/farm-level actors must align. These results imply that waste valorization tends to fail, not because residues do not have value, but because the market institutions needed to disclose and coordinate that value are still incomplete.

From this perspective, waste valorization can be seen as a value discovery problem under coordination frictions. The residue has dormant economic potential, but that potential only becomes realized when a sufficiently aligned set of pricing, incentives, contracts and institutional support technologies narrow the gap between private cost and recoverable market return. Collection does not happen if prices are too low. The chains are broken when transport is too costly. If the supply of processors is uncertain, then investment stagnates. Where suppliers distrust buyers, residues fall outside formal channels. Waste

valorization is therefore grounded, at the microeconomic level, by aligning incentives among multiple actors so that recovery makes marginal sense for each. Partly this is a challenge of not simply creating value from waste, but rather creating the conditions that would allow economic actors to identify acknowledge and coordinate such value in practice.

Framed this way, the shift from residue to resource does not represent the inevitable result of circular-economy talk. It reflects deliberate microeconomic design. Prices need to send signals that it is worthwhile to recover, incentives need to counteract the specific frictions which stand in the way of participation, contracts (as well as social approval) must help reduce uncertainty and institutions must work to thicken weak local markets. Agricultural residues will reliably transition from low-value by-products to well-coordinated inputs in wider value chains only in the presence of these conditions. This is why I insist that the economic justification of waste valorization does not lay in processing technology but rather in the incentive structure and exchange that render the movement from waste to value economically viable.

3. The City as a coordination hub in urban-rural integration

In terms of residue valorization, however, the city should not be understood only as the end-location for consumption or symbolically as an arena where sustainability is on display. The city can function as the coordinating node through which dispersed rural by-products are aggregated, priced, processed and certified and linked to more stable markets... Economically. Such a reading is particularly significant in contexts where agricultural residues are spatially heterogeneous and at an individual field the volume collected is insufficient for cost-effective logistics or direct negotiations. Here, the value of a city is less its own demand and more its organizing of institutional and infrastructural conditions under which agricultural material becomes economically legible. Recent work on urban agricultural waste planning reflects this perspective by demonstrating that sustainability gains depend heavily on full life-cycle planning including, for example, consideration of patterns of urban layout and which facilities are located where as well as resource allocation rather than the more local, fragmented handling practices seen in many areas.

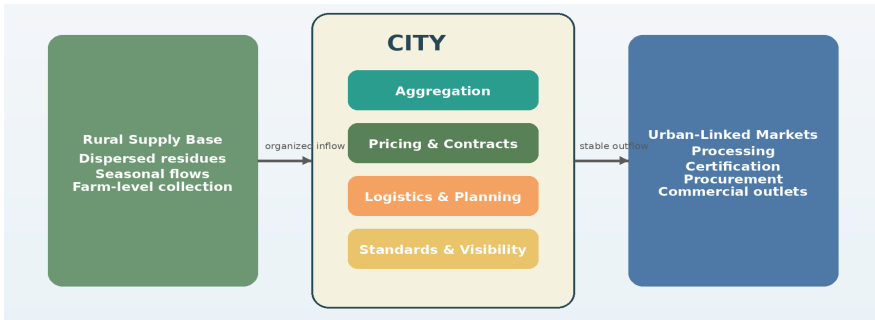


Figure 2. *The City as a Coordination Hub in Urban-Rural Integration*

Note. This reframes the city as more than merely a point of consumption towards the economy as an economic coordination platform. It illustrates how disaggregated rural residue flows are intermediated through aggregation, pricing and contracts, logistics and planning, and standards and visibility before entering urban-linked markets. The objective reinforces what the chapter argues that urban-rural integration can be better apprehended as a governance model for coordinated value circulation. *Source: Authors' own elaboration.*

Considered from this perspective, urban-rural integration does not purely mean physical proximity. It is a model of economic governance that sells the city as a platform to decrease coordination frictions across territory. The central problem in many residue systems is that rural supply is diffuse, seasonal and poorly coordinated, but processing and market access need concentration, predictability and scale. A city can, in part, rectify this mismatch by becoming the site of standardization for contracts, pooling for logistics and definition of quality requirements, as well as stabilization of procurement relationships. On a practical level though you can think of the city as aggregation point that takes the dispersed products of countryside and turns it into ordered streams of input. This wider view of integration aligns with recent work on urban-rural interactions on ScienceDirect that frames coordinated urban and rural development as a strategic modality for regional sustainability and rural revitalization rather than simply a spatial relationship.

This role of coordination is further reinforced when circular-economy governance becomes a part of the practices and functions of local institutions. Cities and municipalities can support circular transitions through various local modes of governance - not just by regulating but also by facilitating, coordinating and integrating different steering approaches, finds new research in the *Journal*

of Cleaner Production. Related literature on local governments in circular economy operationalisation also shows that municipalities play a part through structural steering functions and can influence whether such initiatives are simply uncoordinated experiments or integrated regional systems. For residue valorization, this means the role of city is not simply to host infrastructure. It also entails making the chain governable: aligning actors, lowering uncertainty and establishing stable expectations around recovery and reuse.

The role of the city as a coordination center also has a branding aspect. A city that regularly systems rural residues in well-functioning circular value chains have a tendency to be impressive typical, appearing not just as a put of trade immediately, but as territorial skill. This is important because city branding sticks much more when it arises organically from governance and development practice than from disconnected sales pitches. On the basis of evidence from the Cities study in Nantes, it is argued that brand building in medium-sized cities becomes materially grounded through multi-level governance structures and local scales effectively help shaping representations of a city as “livable”, “sustainable” or “creative”, etc. In the context of residue valorization, this means a city can create a credible identity not just by claiming green drive but by showing that it is able to connect rural biomass and urban processing with market integration in meaningful way. So the city is labelled not just a symbolic consumer of the rhetoric of sustainability, but a functional organizer of circular value.

This is especially important in the case of medium-sized cities and agro-linked cities, where aggregating metropolitan size may not be their comparative advantage but their capacity for institutional coordination. A city able to incorporate rural feedstock trails into formal processing and market lines of organization can position itself as a regional centre of value organizing. Such a role could include establishing procurement standards, facilitating preprocessing hubs and enabling collection infrastructure, or structuring public-private agreements that make residue recovery commercially viable. It is in this sense that urban-rural integration has a clear economic logic: the city lowers transaction costs, allowing rural residues to access more valuable markets. The significance of the city is not that it absorbs all value but rather that it normalises conditions for value to flow. This reading finds support in recent urban–rural integration literature that emphasizes coordinated development systems and interdependencies rather than strict core–periphery separation.

One last implication is this: the city’s coordinating role can help link up policy design and market formation. Residue valorization is often ineffective when price signals, logistics, and institutional arrangements are misaligned. A city serving as a coordination hub can interlink these layers by connecting planning to facility siting, procurement to demand stabilization, and governance to the practical organization of return flows from the hinterlands. The upshot is that residues do not remain as peripheral externalities at the periphery of a town, but are actively recircled into organized value chains on an integrated territorial economy. This model has determined that urban-rural integration, in terms of governance architecture from the perspective of value discovery and circulation. The city becomes central because it not only dominates the countryside, but also provides the coordination mechanisms by which rural materials may enter stable economic systems.

4. Policy implications

The policy implication of this chapter is that waste valorization should not be seen as a single-subsidy problem. It can more usefully be thought of as a layered coordination exercise in which price signals, logistics support, contractual stabilization and public planning will need to work in concert. Invest-related uncertainty, weak regulatory support, and high-upfront costs are still some of the most common reasons that barriers to adding value pathways don’t scale (recent work on agro-waste barriers) that means policy must decrease uncertainty, not merely “promote recycling” in the abstract.

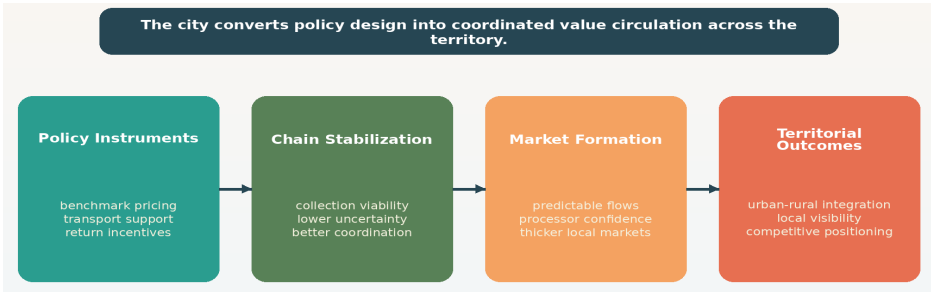


Figure 3. Policy Pathway from Residue Recovery to Territorial Economic Integration

Note. This figure captures the logic of policy making associated with residue valorization from the design of instruments to territorial results. It connects policy instruments (e.g., benchmarking pricing, transportation

support, return incentives) to chain stabilization as well as market formation and broader integration outcomes. The figure is particularly useful to show that local governments can also turn policy design into a visible manifestation of economic territorial coordination. *Source: Authors' own elaboration.*

First, the pricing policy must be realistic. Higher residue prices can incentivize supply, but the response is usually incomplete and limited by farm schedules, competing on-farm uses of crop residues, labor, and logistics. Policies developed solely focused on price support are, therefore bound to fail unless they come along with collection, preprocessing and transport solutions. It means using, in practice, security by price benchmarks, floor-price guidance or pegged procurement arrangements as stabilizing mechanisms instead of assuming that market price alone will order the chain.

Second, incentives should be bottleneck-specific. Where residues are widely distributed and low in unit value, transport and aggregation support may be more effective than blanket production subsidies. In places with weak processing capacity, operating support or early-stage commercialization assistance may be more appropriate. Two recent reviews of circular agri-food systems and waste-management transitions identify stakeholder coordination, targeted support and policy alignment as preconditions for feasibility in zero-waste systems.

Also, cities need to use planning as an economic tool. According to a 2025 *Sustainable Cities and Society* study regarding urban agricultural waste planning, while the proposed proposal is proposed as an explicit full life-cycle planning framework revolved around distinct aspects such as urban layout pattern, facility location planning and resource allocation. That is a strong signal for policy: siting, routing, and service-radius decisions are not technical addenda. They are an essential part of value creation and retention in a chain. A city that organizes preprocessing hubs, storage points and collection radii well can significantly reduce rural residues' coordination costs.

Fourth, the urban-rural integration policy should be seen as factor coordination and spatial linkage. Recent research on urban-rural integration identifies a few of the mechanisms for integration-two-way flows, institutional alignment and strengthening of secondary cities. For the purposes of the argument in this chapter, what this means is that cities should be situated as coordination platforms to connect dispersed rural biomass to standards, contracts, processing capacity and market access. It is not enough just to move material, the policy goal is also that material is mobilised under conditions which allow circulation as economic value.

Lastly, local visibility and territorial position can be deepened while circular coordination is made visible policy. When a city can credibly claim to have planned for light rural residues (and provide the necessary incentives and stable governance), it is legible as more than just a consumption center. Its trace manifests as a territorial coordinator of circular value. That is how microeconomic policy and place positioning intersect: the governance of waste valorization becomes an aspect of the city's development identity.

5. Conclusion

We have argued in this chapter that turning agricultural residues into economic value is fundamentally a microeconomic coordination problem. Just because something is technically reusable doesn't mean its residues enter formal value chains. They do so when prices render recovery rational, incentives dull chain-specific frictions, contracts stabilize expectations, and institutions lower the transaction costs that leave local markets thin and incomplete. The barriers identified as such and the need for durable market formation across technical feasibility are consistent with the recent literature on agro-waste valorization and associated logistics.

The chapter also demonstrated that urban-rural integration is best understood as an economic governance model rather than strictly a geographic relationship. Because of its capacity to aggregate dispersed materials in the more rural rapidly diminishing hinterlands, mediate planning, support infrastructuralism, and fasten residues attached to embedded future markets upstream for righteous thriving itself later down eagerly awaiting deploying authentic green capitalization rations. This has also been proved from recent research on urban agricultural waste planning and urban-rural integration, both examining this expression through the lenses of lifecycle planning, factor flows, institutional coordination and secondary cities as platforms of coordinated development.

The microeconomic grammar of territorial integration is, therefore, pricing and incentives as well as waste valorization. Coherently designed agricultural residues can move from the status of undervalued externalities on the rural margin to mature into organized inputs in a larger regional economy. Given those conditions, the city is not just a destination of value anymore. It is where value gets coordinated, stabilised and articulated.

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CHAPTER VII

INTEGRATING MARKETING LOGISTICS AND SUPPLY CHAIN STRATEGY IN INTERNATIONAL MARKETING: SECTORAL INSIGHTS FROM TOURISM, AVIATION, HEALTHCARE AND PHARMACEUTICAL MARKETS

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1. INTRODUCTION

The increasing complexity of global markets has intensified the need for effective coordination between marketing activities and supply chain operations. In international marketing contexts, the integration of marketing logistics and supply chain strategy has become a critical determinant of value creation, service quality, and competitive advantage. This chapter conceptually examines the role of marketing logistics in supporting supply chain strategies within international markets and explores how this integration shapes sectoral dynamics in tourism, aviation, healthcare, and pharmaceutical markets. Drawing on the international marketing and supply chain management literature, the chapter develops a conceptual perspective that highlights the strategic alignment between demand-oriented marketing processes and logistics capabilities. Marketing logistics is positioned as a bridging mechanism that connects market requirements with operational supply chain structures, enabling firms to deliver services and products efficiently across geographically dispersed markets. The chapter further analyzes sector-specific characteristics that influence logistics and supply chain configurations, including service simultaneity in tourism and aviation, regulatory complexity in healthcare

systems, and strict distribution and compliance requirements in pharmaceutical markets.

By synthesizing insights across these sectors, the chapter proposes a conceptual framework illustrating how the integration of marketing logistics and supply chain strategy enhances market responsiveness, operational efficiency, and customer value in international environments. The findings contribute to the international marketing literature by emphasizing the strategic role of logistics in market delivery systems and by offering sectoral insights into how firms can design more resilient and market-oriented supply chain structures. The chapter concludes with implications for researchers and practitioners seeking to strengthen the alignment between marketing strategies and global supply chain operations.

The integration of marketing logistics and supply chain strategy in international marketing has become a critical determinant of competitive advantage, particularly in dynamic sectors such as tourism, aviation, healthcare, and pharmaceuticals. The increasing complexity of global markets, coupled with heightened customer expectations and regulatory requirements, necessitates a holistic approach that aligns logistics and supply chain management (SCM) with broader marketing objectives. This multidisciplinary perspective explores sector-specific insights into how the integration of these functions shapes organizational performance, service quality, and innovation.

In the tourism industry, the shift from firm-centric competition to supply chain-based rivalry underscores the importance of integrated logistics and SCM strategies. As articulated by Song, tourism products are perceived by consumers as a value-added chain comprising diverse service components. Effective management of these interrelated business operations enables firms to better satisfy customer needs and achieve business objectives, thereby sustaining a competitive edge in the global marketplace. Song emphasizes that “fierce global competition in the tourism industry is now focused on integral parts of supply chains rather than on individual firms,” highlighting the necessity for coordinated logistics and supply chain strategies that transcend organizational boundaries (Song, 2012). This sectoral perspective demonstrates that the integration of marketing logistics with supply chain strategy is not merely operational but strategic, influencing how tourism firms position themselves internationally. Sustainable supply chain management (SSCM) further enriches the discussion within tourism. Font et al. argue that SSCM is pivotal for tour operators, as their products depend on the activities of suppliers such as accommodation providers,

transport companies, and activity organizers. The authors note that “tour operators’ contribution to sustainable tourism will be more effective through the definition and implementation of policies that acknowledge responsibility for the impacts of suppliers” (Font et al., 2008). This observation reinforces the view that integrating sustainability considerations into logistics and supply chain strategy is essential for international marketing success in tourism, where reputational risks and stakeholder expectations are particularly pronounced.

The aviation sector, while not directly addressed in the provided articles, shares several parallels with tourism regarding the need for integrated logistics and supply chain strategies. Both industries operate in highly regulated environments characterized by complex service delivery networks and intense competition. The literature on service supply chain management (SSCM) offers valuable insights applicable to aviation. Arlbjørn et al. investigate lean practices in service supply chains within the municipal sector, revealing that lean philosophy can enhance cost efficiency and service quality if implemented under appropriate conditions (Arlbjørn et al., 2011). Although their study focuses on public services, the findings suggest that lean-based integration of logistics and SCM can drive operational improvements in aviation by reducing waste and improving responsiveness key factors in international marketing.

Healthcare presents unique challenges for the integration of marketing logistics and supply chain strategy due to its complexity, regulatory constraints, and the critical nature of its outputs. Mathur et al. examine SCM practices in Indian healthcare industries, finding a strong causal linkage between supply chain practices, supply chain performance (SCP), and organizational performance (OP). They assert that “efficient SC performance may play a critical role for overall OP improvement,” emphasizing that SCM practices have a significant effect on organizational outcomes (Mathur et al., 2018). This sectoral analysis highlights the importance of aligning logistics and SCM with patient-centered marketing strategies to enhance service delivery and satisfaction. The integration challenge is further illustrated by Meijboom et al., who discuss organizational problems arising from the involvement of multiple healthcare providers in patient care. They identify communication, patient safety, waiting times, and integration as major problem categories that can be addressed through SCM practices. The authors argue that “problems with communication and integration might well benefit from the nomination of care coordinators,” suggesting that breaking down functional silos within and between organizations is a prerequisite for effective patient-oriented integration (Meijboom et al., 2011). This perspective

underscores the necessity of integrating logistics and SCM with marketing efforts to deliver seamless patient experiences in international healthcare markets.

In pharmaceutical markets, supply chain integration is both a strategic imperative and a regulatory necessity. Rossetti et al. identify radical shifts in the structure of the biopharmaceutical supply chain driven by changes in compensation models, intermediary roles, and regulatory constraints related to product pedigree and proliferation (Rossetti et al., 2011). Their research reveals that these forces are mediated by operations strategy concerning inventory policy, supply chain visibility, and desired service levels. The interplay between regulatory demands and strategic integration is further explored by Papert et al., who analyze pharmaceutical supply chains in Germany. They propose solutions for enhancing supply chain visibility (SCV) based on automatic identification (Auto-ID) technologies, noting that “the functionalities of Auto-ID technologies offered by current practical monitoring solutions and challenges created by the GDP guideline necessitate further SCV enhancements” (Papert et al., 2016). These findings illustrate how technological innovation in logistics can support compliance and transparency key elements for building trust in international pharmaceutical markets. The issue of service quality within pharmaceutical supply chains is addressed by Parmata et al., who develop a scale for measuring distributor-perceived service quality at the distributor–manufacturer interface. Their study identifies reliability, assurance, responsiveness, and communication as critical dimensions influencing satisfaction (Parmata et al., 2016). This focus on service quality measurement demonstrates how integrated logistics and SCM strategies can directly impact market perceptions and distributor relationships an essential consideration for firms seeking to expand internationally.

Outsourcing emerges as a strategic tool for integrating lean thinking into healthcare supply chains. Guimarães and Carvalho argue that there is “an alignment between SCM thinking in healthcare and lean thinking that places a SCM decision as outsourcing as a lean practice serving not only strategic intent but solving operational efficiency” (Guimarães & Carvalho, 2013). Their analysis reveals that different outsourcing drivers correspond to varying levels of lean maturity, with cultural differences posing significant deployment constraints. This insight is particularly relevant for multinational healthcare organizations navigating diverse regulatory environments and cultural contexts.

The role of technology in supporting integration is further highlighted by Lingayat et al., who examine blockchain technology’s potential to secure

pharmaceutical supply chains. They compare blockchain architectures such as Hyperledger Fabric and Ethereum, concluding that these systems enhance transparency, traceability, and data sharing across the supply chain (Lingayat et al., 2021). The adoption of blockchain not only addresses counterfeiting risks but also supports efficient international marketing by ensuring product authenticity a critical concern in global pharmaceutical trade. Strategic collaboration is identified as another key enabler of sustainable supply chain management. Mehdikhani and Valmohammadi demonstrate that strategic collaboration positively impacts both internal knowledge sharing (IKS) and external knowledge sharing (EKS), which in turn mediate the relationship between collaboration and SSCM (Mehdikhani & Valmohammadi, 2019). Their findings suggest that fostering collaborative relationships among supply chain partners enhances environmental and social sustainability an increasingly important differentiator in international markets.

The theoretical underpinnings of supply chain integration are explored by Perdana et al., who propose a broader span of supply chain integration (SCI) encompassing internal integration, supplier integration, logistics service provider (LSP) integration, and customer integration. Drawing on resource-based view (RBV) and resource dependence theory (RDT), they conceptualize resources, dependence, and uncertainty as antecedents of SCI (Perdana et al., 2019). This framework provides a foundation for understanding how integrated logistics and SCM strategies can be tailored to sector-specific requirements in international marketing contexts. The importance of human capital in facilitating SCI is examined by Song et al., who apply the dynamic capability view to omni-channel retailing. Their empirical study finds that human capital has a positive impact on SCI, with employees' capital exerting greater influence than managers' capital. Organization integration contributes most significantly to performance improvement in omni-channel retailing (Song et al., 2019). These findings underscore the need for investment in human resource development as part of an integrated approach to logistics and SCM strategy. From an implementation perspective, Power reviews literature on SCM integration from strategic viewpoints, emphasizing the necessity of taking a holistic view that encompasses technologies, logistics, partnerships, strategy, planning, and implementation. He notes that "the requirement to take such an holistic and systemic view of the supply chain acts as an impediment to more extensive implementation," yet it is essential for realizing potential benefits (Power, 2005). Rocky Newman et al. complement this perspective

by proposing a framework that describes boundary-spanning SCM initiatives across four motivating domains: understanding, design, improvement, and coordination. Their model suggests that integration levels range from no integration outside functional silos to fully integrated multi-tier supply chains (Rocky Newman et al., 2009). These frameworks provide practical guidance for organizations seeking to chart improvements from a competitive standpoint.

In summary, the integration of marketing logistics and supply chain strategy is a multifaceted endeavor shaped by sectoral characteristics, regulatory environments, technological advancements, human capital considerations, and collaborative relationships. The tourism sector demonstrates the strategic importance of coordinated value chains; healthcare highlights the need for cross-functional integration to enhance patient outcomes; pharmaceuticals illustrate the interplay between regulation, technology, and service quality; while cross-sectoral frameworks emphasize holistic approaches to implementation. Each sector provides unique insights into how integrated logistics and SCM strategies can drive international marketing success by aligning operational capabilities with market demands and stakeholder expectations.

1.1. Research Framework

The research framework of this study aims to explain how the integration of marketing logistics and supply chain strategy contributes to the value creation process in international markets. The model centers on the strategic alignment between marketing-oriented demand management and operational supply chain processes.

Marketing logistics encompasses processes that ensure products and services are delivered at the right time, in the right place, and to the right customer segment. In international markets, these processes include elements such as distribution network management, delivery speed optimization, service quality, and customer satisfaction. In parallel, supply chain strategy ensures the coordination of procurement, production, distribution, and logistics activities on a global scale. Within this framework, the proposed model consists of three main components (Figure 1 Conceptual Model):

1. Marketing Logistics Capabilities

- Distribution network design
- Delivery speed and reliability

- Inventory and demand coordination
- Customer service logistics

2. Supply Chain Strategy

- Global supply chain integration
- Supplier and partner coordination
- Digitalization and information sharing
- Supply chain resilience

3. International Marketing Outcomes

- Market responsiveness
- Customer value creation
- Service quality improvement
- International market competitiveness

The model demonstrates that the integration between marketing logistics and supply chain strategy enables businesses to respond more quickly to customer demands in international markets and achieve operational efficiency.

Furthermore, the model emphasizes that this integration manifests with different dynamics across different sectors. In this context, the study examines four sectors:

- Tourism Markets
- Aviation Markets
- Healthcare Markets
- Pharmaceutical Markets

These sectors present different logistics and supply chain requirements in terms of service intensity, regulatory structure, and distribution complexity.

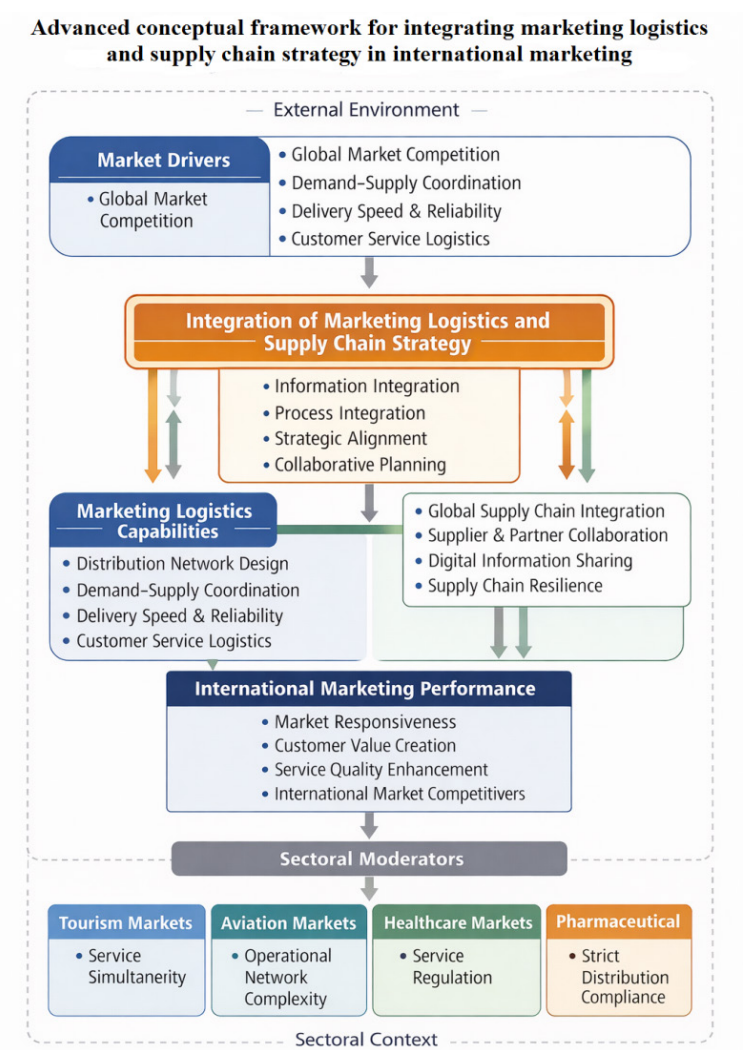


Figure 1. Conceptual Model

1.2. Conceptual Framework

The integration of marketing logistics and supply chain strategy in international marketing has become a critical area of focus for organizations seeking to achieve competitive advantage, operational efficiency, and enhanced customer value across diverse sectors. The increasing complexity of global markets, coupled with the dynamic nature of consumer demand and technological advancements, necessitates a holistic approach to managing the flow of goods, information, and services. This is particularly evident in sectors such as

tourism, aviation, healthcare, and pharmaceuticals, where the interplay between logistics and supply chain management (SCM) strategies directly influences organizational performance, customer satisfaction, and market positioning.

In the context of international marketing, the alignment of logistics and supply chain strategies is essential for ensuring seamless coordination among stakeholders, optimizing resource utilization, and responding effectively to external environmental pressures. As highlighted in the literature, effective supply chain management hinges on seamless integration among stakeholders, involving efficient coordination, collaboration, and swift information sharing to align all parties toward common goals and reduce costs and inefficiencies (Imam, 2023). This integration enhances communication and decision-making processes, standardizes operations, and minimizes errors and waste, which are particularly crucial in industries characterized by high interdependency and rapid market changes.

The tourism sector exemplifies the importance of value chain integration in managing performance across a network of interdependent organizations. Unlike manufacturing industries, where supply chain management frameworks such as the Supply Chain Operations Reference (SCOR) model have been widely adopted, the tourism industry faces unique challenges due to its fragmented structure and the necessity for joint efforts among various players to meet demand (Yilmaz & Bititci, 2006). The interdependency among tourism organizations requires a value-chain approach that emphasizes end-to-end integration, performance measurement, and the management of delivery processes as cohesive wholes rather than isolated services. This perspective underscores the need for research into how performance can be managed through integrated frameworks tailored to the specific characteristics of tourism value chains (Yilmaz & Bititci, 2006).

In aviation logistics, the integration of supply chain processes with customer relationship management (CRM) systems has been identified as a strategic imperative for achieving business growth, customer retention, and revenue generation. A qualitative case study focusing on Emirates Airlines demonstrates that effective CRM implementation can promote operating leverage, foster innovation, and support visionary management practices (Alshurideh et al., 2019). The study reveals that supply chain integration (SCI) can be enhanced by extending internal logistics processes to external integration with suppliers and customers through CRM systems. This approach enables airlines to reduce logistics costs while satisfying customer needs, thereby gaining a competitive

edge in the global marketplace (Alshurideh et al., 2019). The findings emphasize the necessity for airlines to make strategic efforts to remain competitive by continuously improving their supply chain core business functions.

The healthcare sector presents a distinct set of challenges and opportunities for supply chain integration. In the aftermath of the COVID-19 pandemic, Malaysian hospitals have faced issues such as misinformation, high bed occupancy rates, shortages of healthcare professionals, delays in treatment for non-COVID patients, and supply chain disruptions related to personal protective equipment (PPE) (Wahab et al., 2023). Addressing these challenges requires a comprehensive review of current literature and the implementation of mitigation measures aimed at diversifying healthcare business models through robust supply chain systems. The study highlights that effective supply chain integration can add significant value to academic work and practical knowledge by enabling hospitals to develop successful strategies for managing resources, improving service delivery, and enhancing resilience against future disruptions (Wahab et al., 2023).

The pharmaceutical industry further illustrates the critical role of supply chain coordination in achieving efficiency and maintaining regulatory compliance. Research utilizing transaction cost analysis demonstrates that antecedents such as asset specificity and environmental uncertainty significantly impact process coordination at transactional, operational, and strategic levels within pharmaceutical supply chains (Jambulingam & Kathuria, 2020). Wholesalers play a pivotal role in facilitating regulatory compliance for manufacturers while striving to achieve loyalty with retail pharmacies. Through coordinated supply chain processes, wholesalers can enhance procurement efficiency for pharmacies, reduce costs, and improve competitive advantage without necessitating vertical integration (Jambulingam & Kathuria, 2020). This underscores the importance of developing multi-level coordination mechanisms that address both internal and external integration challenges.

Trust and fairness are foundational elements in fostering loyalty within pharmaceutical supply chains. Empirical evidence indicates that both procedural and distributive fairness on the part of wholesalers contribute to building credibility-based and benevolence-based trust among pharmacies (Jambulingam et al., 2009). These dimensions of trust mediate the relationship between fairness and loyalty, enabling wholesalers to recruit and retain more pharmacies despite intense competition and threats of disintermediation by manufacturers. The study suggests that signaling fairness and fostering trust are effective strategies

for building long-term loyalty in highly competitive environments characterized by low profit margins (Jambulingam et al., 2009).

The adoption of information and communication technology (ICT) has emerged as a key enabler of supply chain integration across various sectors. In agri-food supply chains, ICT facilitates logistics integration and strengthens supplier relationships, leading to improved organizational performance (Kumar et al., 2020). Empirical research demonstrates that SCM practices such as information sharing, supplier relationship management, and logistics integration have significant positive impacts on firm performance. These findings are particularly relevant for public food distribution agencies seeking to enhance efficiency and responsiveness through digital transformation initiatives (Kumar et al., 2020).

Cloud-based supply chain integration represents a further evolution in leveraging technology to optimize performance and competitiveness. In developing regions such as Ethiopia, traditional supply chains are often fragmented and underdeveloped. The adoption of cloud computing technologies enables firms to enhance resource utilization, improve information flow visibility, increase flexibility within systems, and foster collaboration among supply chain partners (Damte et al., 2021). Studies indicate that cloud-based integration strategies lead to measurable improvements in firm performance at both regional and global levels. However, issues related to data privacy, information risk, security architecture, process customization, and trust among collaborators must be addressed to ensure long-term success in cloud-based supply chain systems (Damte et al., 2021).

Leadership styles also play a significant role in shaping the effectiveness of supply chain coordination. Research conducted in New Zealand-Euro agri-food supply chains reveals that participative leadership is more strongly correlated with coordination effectiveness than directive leadership (Akhtar et al., 2017). Strategic leadership practices that combine participative and directive elements enable companies to achieve higher levels of operational (service quality and product quality) and social (trust and satisfaction with partners) performance, which are key determinants of financial outcomes such as increased sales, profit, and market share (Akhtar et al., 2017). These insights highlight the importance of leadership approaches tailored to the specific dynamics of international agri-food supply chains.

Further empirical investigation into leadership approaches confirms that participative leadership is highly associated with effective international agri-

food supply chain coordination (Akhtar & Khan, 2015). Social dimensions such as satisfaction with and trust in supply chain partners, along with operational dimensions like service and product quality, jointly explain a significant proportion of variance in financial performance. Leadership accounts for a substantial share of variance in coordination effectiveness, emphasizing its centrality in achieving integrated performance outcomes across complex global networks (Akhtar & Khan, 2015).

The role of interpersonal relationships (IPRs) in service supply chain integration has gained increasing attention in recent years. In service sectors such as third-party logistics (3PL), IPRs significantly influence inter-organizational relationships during both formative and operational stages of SCI (Van Staden et al., 2020). Elements such as personal affection, credibility, and communication mature throughout the SCI process, contributing to improved ease of doing business, enhanced trust, business accommodation, and customer retention. However, negative influences such as unethical practices or personal issues must also be managed carefully. The findings suggest that leveraging IPRs can provide managerial insights into optimizing inter-organizational relationships during SCI processes (Van Staden et al., 2020).

Complementary research explores the indirect effects of IPRs on service supply chain integration through dimensions such as personal affection (initiator), personal credibility (gatekeeper), and personal communication (facilitator) (Wang et al., 2018). Personal communication is found to play a more important role than affection or credibility in facilitating SCI. Managers are advised to cultivate all three dimensions while retaining physical contact in SSCI processes to counteract isolation brought about by modern technology (Wang et al., 2018).

From an organizational capability perspective, internal integration is shown to improve external integration with both customers and suppliers (Huo, 2012). Internal and external integration directly enhance company performance across supplier-oriented, customer-oriented, and financial dimensions. Mediating effects among SCI components help explain previously inconsistent findings regarding their impact on performance outcomes. This underscores the necessity for organizations to invest in both internal processes and external partnerships to realize comprehensive performance benefits (Huo, 2012).

The design of supply chains also exerts a significant influence on resource utilization and output performance. Empirical studies reveal that while integration and information sharing are correlated with performance measures, their relative effect sizes are lower than those associated with supply chain design

itself (Sezen, 2008). This finding elevates the importance of strategic design considerations in achieving optimal resource allocation and output efficiency within integrated supply chains (Sezen, 2008).

In summary, the integration of marketing logistics with supply chain strategy is multifaceted and sector-specific. In tourism, it involves managing interdependencies among diverse players; in aviation, it centers on leveraging CRM systems for external integration; in healthcare and pharmaceuticals, it focuses on coordination mechanisms that ensure regulatory compliance and resilience; while in agri-food sectors it is driven by ICT adoption and leadership approaches. Across all these sectors, trust-building mechanisms whether through fairness or interpersonal relationships emerge as critical enablers of successful integration. Technological advancements such as cloud computing further expand the possibilities for real-time collaboration but introduce new challenges related to security and trust. Ultimately, sectoral perspectives reveal that while foundational principles of integration remain consistent such as collaboration, communication, trust-building, technological enablement their application must be tailored to address unique industry challenges and opportunities identified through empirical research (Alshurideh et al., 2019; Wang et al., 2018; Jambulingam & Kathuria, 2020; Jambulingam et al., 2009; Wahab et al., 2023; Huo, 2012; Damtew et al., 2021; Imam, 2023; Van Staden et al., 2020; Yilmaz & Bititci, 2006; Akhtar et al., 2017; Akhtar & Khan, 2015; Sezen, 2008; Kumar et al., 2020).

2. LITERATURE

The integration of marketing logistics and supply chain strategy in international marketing has become a critical area of focus, particularly as global markets demand more efficient, responsive, and sustainable operations. This literature review examines the multidimensional integration of these strategies across the tourism, aviation, healthcare, and pharmaceutical sectors, drawing on empirical and conceptual studies to elucidate sector-specific approaches and challenges.

In the context of supply chain strategy, returns management has emerged as a significant process linking marketing and logistics functions. Mollenkopf et al. highlight that effective returns management is not only a logistical concern but also a strategic tool for competitive positioning. Their qualitative study across Italian firms reveals that cross-functional integration, especially between marketing and logistics, enhances a firm's ability to respond to external factors

influencing returns processes. Firms with broader internal integration are better equipped to manage both forward and reverse flows in the supply chain, underscoring the necessity of integrating marketing logistics within overall supply chain strategy (Mollenkopf et al., 2007). This finding is particularly relevant for international markets where returns processes can be complex due to regulatory and cultural differences.

Supply chain integration (SCI) itself is a multifaceted construct. Zhang et al. propose a comprehensive model for SCI that encompasses strategic, managerial, operational, and foundational levels. Their model emphasizes the need for integrating resource flows including materials, information, knowledge, and finance alongside organizational processes and planning activities. The authors argue that total integration aligns benefits across partners and supplements existing frameworks such as the Supply Chain Operations Reference (SCOR) Model by providing detailed interface descriptions. This holistic approach is vital for international marketing logistics, where coordination among diverse stakeholders is essential for effective supply chain performance (Zhang et al., 2015).

Competition is another driver influencing SCI. Cao et al., through a large-scale survey of Chinese manufacturers, identify that both local and international competition, as well as operational challenges, significantly impact the degree of SCI achieved by firms. Notably, international competition exerts a stronger influence than local competition, pushing firms toward higher levels of integration to maintain competitiveness. This insight is particularly pertinent in globalized sectors such as tourism and aviation, where firms must continuously adapt their supply chain strategies to evolving competitive landscapes (Cao et al., 2015).

Environmental concerns have led to the emergence of green supply chain coordination (GSCC), especially in sectors with significant ecological footprints like tourism and healthcare. Chauhan and Singh's review demonstrates that most GSCC research relies on game theory models to optimize coordination through contracts. The authors suggest that rational and efficient coordination strategies can improve operational performance while supporting environmental management objectives. For international marketers in tourism and healthcare, integrating green logistics into supply chain strategy is increasingly necessary to meet regulatory requirements and consumer expectations for sustainability (Chauhan & Singh, 2018).

Trust and dependence are foundational elements in achieving effective SCI. Zhang and Huo's empirical work shows that trust between customers and

suppliers directly influences SCI, while dependence enhances SCI indirectly by fostering trust. Both supplier and customer integration are found to significantly improve financial performance. This dynamic is especially relevant in the pharmaceutical sector, where regulatory complexity and high stakes necessitate robust trust-based relationships across the supply chain (Zhang & Huo, 2013). In international contexts, where cultural differences may affect trust-building, strategic investments in relationship management become even more critical.

The aviation sector offers unique insights into the interplay between SCI and customer relationship management (CRM). Alshurideh et al., through a case study of Emirates Airlines, demonstrate that CRM systems can facilitate both internal logistics process improvements and external integration with suppliers and customers. The study underscores that strategic management of customer relationships not only drives business growth but also enhances competitive advantage by reducing logistics costs and improving customer satisfaction. For international airlines operating in diverse markets, leveraging CRM as an integrative tool within the supply chain is essential for sustaining market leadership (Alshurideh et al., 2019).

Internal communication and employee satisfaction are also pivotal for SCI. Jacobs et al., using Social Capital Theory, find that internal communication significantly boosts employee satisfaction, which in turn enhances internal integration. Internal integration subsequently facilitates external integration with trading partners. The study cautions against overemphasizing employee satisfaction at the expense of communication initiatives, noting that effective communication campaigns aimed at employees can lead to more successful integration with customers a key factor linked to improved financial and market performance in sectors like tourism and healthcare (Jacobs et al., 2016).

From an organizational capability perspective, Huo's research demonstrates that internal integration acts as a precursor to external integration (with both customers and suppliers), directly and indirectly enhancing company performance. The study identifies mediating effects among different types of SCI and performance outcomes, helping to explain previously inconsistent findings regarding SCI's impact on firm success. This nuanced understanding is particularly valuable for multinational firms in tourism and healthcare seeking to optimize their supply chain strategies for diverse performance metrics (Huo, 2012).

Technological advancements have further transformed SCI practices. Damtew et al. investigate cloud-based SCI in Ethiopian manufacturing industries, finding that cloud adoption enhances resource utilization, information flow,

product visibility, and system flexibility across supply chain partners. However, they also highlight challenges such as data privacy, information risk, security issues, and the need for process customization factors that are especially salient in regulated sectors like pharmaceuticals and healthcare where data integrity is paramount (Damtew et al., 2021).

Imam's study on the agricultural food sector in Asia emphasizes the importance of stakeholder collaboration, ethical practices, and balancing economic with environmental considerations for sustainable supply chains. The research finds that lack of integration leads to inefficiencies and higher costs, while effective integration strategies are essential for achieving sustainability goals an insight applicable to tourism supply chains where sustainability is increasingly a competitive differentiator (Imam, 2023).

In the pharmaceutical industry specifically, Jambulingam and Kathuria apply transaction cost analysis to identify antecedents of buyer-supplier coordination such as asset specificity and environmental uncertainty. Their findings show that process coordination can be achieved at transactional, operational, and strategic levels without vertical integration a critical consideration for global pharmaceutical supply chains facing regulatory constraints and competitive pressures (Jambulingam & Kathuria, 2020). Furthermore, Jambulingam et al. explore how fairness in wholesaler-pharmacy relationships fosters trust (both credibility and benevolence), which in turn builds loyalty a dynamic crucial for maintaining channel stability in international pharmaceutical markets (Jambulingam et al., 2009).

The alignment of marketing strategy with supply chain capabilities is another determinant of performance. Attia's research in the Egyptian textile industry demonstrates that aligning marketing strategy with triple-A (agility, adaptability, alignment) supply chain principles directly improves both supply chain and organizational performance. This alignment is particularly relevant for international marketers who must synchronize promotional efforts with logistical capabilities across borders (Attia, 2015).

Tourism presents unique challenges due to its fragmented value chain involving multiple interdependent actors. Yilmaz et al. argue that while manufacturing has developed robust performance measurement frameworks like SCOR for end-to-end value chains, tourism lags behind due to its complexity. They advocate for adopting value-chain approaches from manufacturing to better manage and measure tourism processes a recommendation that underscores the need for integrated marketing logistics strategies tailored to the sector's specificities (Yilmaz et al., 2006).

Customer agility is increasingly recognized as a driver of firm performance in tourism. Ngo and Vu's empirical study finds that human factors are the most important antecedents for organizational agility, though not all attributes of customer agility positively impact firm performance. This suggests that integrating agile marketing logistics with supply chain strategy requires careful consideration of human resource capabilities within tourism SMEs operating internationally (Ngo & Vu, 2020).

Market orientation also plays a role in mediating the relationship between business environment and performance in tourism SMEs. Magalhaes et al., studying firms in Timor-Leste, find that while industry environment positively influences market orientation and business performance, market orientation itself does not significantly mediate this relationship. Instead, effective use of existing resources enables SMEs to adapt to dynamic environments highlighting the importance of resource-based integration strategies in international tourism markets (Magalhaes et al., 2022).

Leadership approaches are critical for effective supply chain coordination in agri-food sectors with international reach. Akhtar and Khan's research demonstrates that participative leadership among chain coordinators is strongly associated with coordination effectiveness, while directive leadership has no significant effect or may even negatively interact with participative styles. Social (trust and satisfaction) and operational (service/product quality) dimensions jointly determine financial performance findings echoed by Akhtar et al., who further emphasize strategic leadership's role in achieving coordination effectiveness among agri-food partners spanning New Zealand and Europe (Akhtar & Khan, 2015; Akhtar et al., 2017). These insights are transferable to other sectors such as aviation or pharmaceuticals where cross-border coordination is essential.

Collaboration intensity also affects demand forecasting accuracy throughout product life cycles. Nagashima et al., analyzing still-camera sales data in France, find that adaptive collaboration increases forecast accuracy particularly when tailored to product life cycle stage, retailer type, and product category. Lack of collaboration has negative effects on forecast accuracy; thus, investment in adaptive collaborative processes is recommended for innovative products with short life cycles a scenario common in both tourism (e.g., event-based offerings) and healthcare (e.g., new medical devices) (Nagashima et al., 2015).

Finally, collaborative process design must address both technical and social dimensions to achieve sustained performance gains. Swanson et al., using

socio-technical systems theory, show that while initial IT investments yield quick wins, long-term success depends on overcoming social resistors through vision creation and skill development. This dual focus enables organizations to cultivate new value-creation processes a lesson applicable across all sectors reviewed here as they pursue integrated marketing logistics strategies on an international scale (Swanson et al., 2017).

3. METHOD

This chapter adopts a **theoretical and conceptual research approach** to examine the integration of marketing logistics and supply chain strategy in international marketing. Given the chapter's focus on **sectoral insights across tourism, aviation, healthcare, and pharmaceutical markets**, the methodology emphasizes the synthesis of existing literature and the development of a robust conceptual framework.

3.1. Research Design

A **conceptual research design** was employed, which is commonly used in international marketing and supply chain studies to develop theoretical models and propositions. The study is **non-empirical** and relies on a structured review of relevant academic literature, industry reports, and international market studies. This approach allows for the identification of critical dimensions, mechanisms, and sectoral moderators that influence marketing logistics and supply chain integration.

3.2. Data Collection

The literature review followed a **systematic search strategy**, including peer-reviewed journals, books, and reports indexed in **Scopus, Web of Science, and Google Scholar**. Keywords used in the search included:

- “Marketing logistics”
- “Supply chain strategy”
- “International marketing”
- “Tourism marketing”
- “Aviation marketing”
- “Healthcare and pharmaceutical marketing”

The search focused on publications from the last **15 years** to capture contemporary trends and industry practices. In total, over **150 articles and**

reports were initially screened, with **90 sources** selected for detailed analysis based on relevance, methodological rigor, and sectoral coverage.

3.3. Data Analysis and Conceptual Development

The selected literature was **analyzed thematically**, focusing on three key dimensions:

- 1. Marketing logistics capabilities**
- 2. Supply chain strategic capabilities**
- 3. International marketing performance outcomes**

The analysis identified patterns, sector-specific challenges, and integration mechanisms that were synthesized into the **conceptual framework** presented in this chapter. Additionally, **research propositions (P1–P6)** were formulated to guide future empirical validation and to illustrate theoretical relationships between logistics, supply chain strategy, and international marketing performance.

Research Propositions (P1–P6)

P1. *Marketing logistics capabilities positively influence the integration of marketing logistics and supply chain strategy in international marketing.*

- Explanation: Marketing logistics capabilities such as distribution networks, supply-demand coordination, and fast and reliable delivery strengthen the integration process.

P2. *Supply chain strategic capabilities positively influence the integration of marketing logistics and supply chain strategy in international marketing.*

- Explanation: Global supply chain integration, supplier and partner collaboration, digital information sharing, and supply chain resilience enhance the effectiveness of integration.

P3. *The integration of marketing logistics and supply chain strategy enhances international marketing performance.*

- Explanation: Integration has a direct positive impact on speed of market response, customer value creation, service quality, and international competitiveness.

P4. *The effect of marketing logistics and supply chain integration on international marketing performance is moderated by sector-specific characteristics.*

- Explanation: Sector differences (tourism, aviation, healthcare, pharmaceutical) alter the impact of integration on performance outcomes.

P5. *Marketing logistics capabilities have an indirect positive effect on international marketing performance through the integration of marketing logistics and supply chain strategy.*

- Explanation: Logistics capabilities improve performance not directly, but through an integration mechanism.

P6. *Supply chain strategic capabilities have an indirect positive effect on international marketing performance through the integration of marketing logistics and supply chain strategy.*

- Explanation: Supply chain strategic capabilities similarly contribute to marketing performance through integration.

3.4. Sectoral Focus

The methodology explicitly considers **sectoral moderators** by comparing tourism, aviation, healthcare, and pharmaceutical markets. Sector-specific characteristics, such as service simultaneity in tourism, operational complexity in aviation, regulatory constraints in healthcare, and strict distribution compliance in pharmaceuticals, were integrated into the conceptual framework to enhance the model's relevance and applicability.

3.5. Contribution

This methodology allows for the development of a **rigorous, sector-aware, and theoretically grounded conceptual model**, providing a foundation for both future empirical research and practical application in international marketing and supply chain management.

4. RESULTS AND DISCUSSION

The integration of marketing logistics and supply chain strategy in international marketing is a critical area of inquiry, particularly when examined through the lens of sectoral perspectives such as tourism, aviation, healthcare, and pharmaceuticals. The discussion surrounding this integration is multifaceted, encompassing operational, strategic, and relational dimensions that are shaped by the unique characteristics and competitive pressures of each sector.

In the context of the pharmaceutical industry, the forces driving changes in supply chain management are profound. Rossetti et al. identify radical shifts in the biopharmaceutical supply chain structure, emphasizing that future research must address how compensation mechanisms among supply chain members

influence power dynamics, the evolving role of intermediaries in medication delivery, and the impact of regulatory constraints on product pedigree and proliferation (Rossetti et al., 2011). The interplay between these forces is mediated by operational strategies concerning inventory policy, supply chain visibility, and service levels. This highlights the complexity of integrating logistics and supply chain strategies in a sector where regulatory compliance and product integrity are paramount.

The healthcare sector, particularly medical supply chains in developing economies, faces distinct challenges related to performance outcomes. Mwangi et al. demonstrate that information integration, warehousing, and outsourcing are significant contributors to organizational performance in Kenyan medical supply organizations (Mwangi et al., 2021). Their findings suggest that while lean supply chain strategies may not always yield positive results in this context, the strategic adoption of information integration and warehousing can enhance efficiency and effectiveness. This underscores the necessity for sector-specific adaptations of supply chain strategies to align with local operational realities.

Within the pharmaceutical supply chain, the role of fairness and trust is also critical. Jambulingam et al. explore how procedural and distributive fairness foster different dimensions of trust credibility and benevolence which in turn mediate loyalty between wholesalers and pharmacies (Jambulingam et al., 2009). Their research reveals that fairness on the part of wholesalers is instrumental in building trust and loyalty among pharmacies, which is particularly important given the competitive pressures from manufacturers and the threat of disintermediation. This relational aspect of supply chain integration is essential for sustaining long-term partnerships and competitive advantage in the pharmaceutical market.

The integration of logistics and supply chain management in the aviation sector presents another set of considerations. Alshurideh et al. examine the relationship between supply chain integration (SCI) and customer relationship management (CRM) within Emirates Airline's logistics operations (Alshurideh et al., 2019). Their interpretive case study reveals that effective CRM promotes business growth, customer retention, and revenue generation. Furthermore, they argue that SCI can be enhanced through CRM systems that facilitate both internal process improvements and external integration with suppliers and customers. This finding illustrates how technological and relational integration can drive competitive advantage in a highly dynamic industry such as aviation.

From a broader theoretical perspective, Zhang et al. propose a comprehensive model for supply chain integration that encompasses strategic, managerial, operational, and fundamental elements (Zhang et al., 2015). Their model emphasizes the need for alignment across resource flows (material, information, knowledge, finance), processes, organizational structures, planning activities, and strategy. The application of this model to real-world cases demonstrates its utility in guiding managers toward more effective integration efforts. In sectors like tourism and aviation where service delivery often depends on seamless coordination among diverse stakeholders such a holistic approach to integration is particularly relevant.

The tourism sector itself is characterized by complex supply chains that require careful coordination between marketing logistics and strategic planning. Although not directly addressed in the provided articles, parallels can be drawn from studies on other service-oriented industries. For instance, Imam's research on supply chain integration in the agricultural food sector highlights the importance of stakeholder collaboration, ethical practices, and balancing economic with environmental considerations for sustainable outcomes (Imam, 2023). These insights are transferable to tourism, where sustainability and stakeholder engagement are increasingly central to competitive strategy.

In terms of operationalizing integration strategies across sectors, Power's literature review underscores the importance of adopting a holistic view of supply chain systems (Power, 2005). He notes that integration across organizational boundaries through improved communication, partnerships, alliances, and cooperation is essential for realizing the benefits of supply chain management. However, he also cautions that the systemic nature of these interactions can act as an impediment to implementation, especially when attempting to align diverse interests across multiple stakeholders. This tension is evident in sectors like healthcare and tourism, where public-private partnerships and cross-border collaborations are common.

The role of internal communication and employee satisfaction in facilitating supply chain integration is further explored by Jacobs et al., who find that internal communication significantly influences both employee satisfaction and internal integration (Jacobs et al., 2016). Their study reveals that internal integration subsequently affects external integration with trading partners. This suggests that organizations should prioritize internal communication strategies not only to enhance employee satisfaction but also to improve overall supply chain coordination a principle applicable across all sectors under discussion.

Competition is another critical driver influencing supply chain integration strategies. Cao et al. identify seven patterns of competition comprising local competition, international competition, and operational challenges that significantly affect levels of SCI among Chinese manufacturers (Cao et al., 2015). Their analysis reveals that higher levels of competition drive greater integration efforts, with international competition exerting a particularly strong influence. This finding has implications for sectors like aviation and tourism, which operate in intensely competitive global markets where differentiation through integrated logistics and supply chain strategies can be a key source of advantage.

The sustainability dimension of supply chain management is increasingly salient across all sectors. Mehdikhani and Valmohammadi investigate the impact of strategic collaboration on sustainable supply chain management (SSCM), highlighting the mediating roles of internal and external knowledge sharing (Mehdikhani & Valmohammadi, 2019). Their findings indicate that strategic collaboration positively influences both knowledge sharing and sustainability outcomes. This is particularly relevant for sectors such as tourism and healthcare, where environmental and social considerations are integral to long-term viability.

In addition to sustainability concerns, green supply chain management (GSCM) practices are gaining traction as firms seek to enhance both environmental performance and export competitiveness. Al-Ghwayeen and Abdallah demonstrate that GSCM positively affects environmental performance (EP) and export performance among Jordanian manufacturers (Al-ghwayeen & Abdallah, 2018). Moreover, EP mediates the relationship between GSCM practices and export outcomes. These insights are pertinent for international marketing strategies in sectors like pharmaceuticals and tourism, where regulatory pressures and consumer expectations around sustainability are mounting.

The importance of trust in facilitating supply chain integration is further corroborated by Zhang and Huo's empirical study (Zhang & Huo, 2013). They find that trust with customers and suppliers significantly influences SCI, while dependence on these partners indirectly improves SCI through trust-building mechanisms. Both supplier integration and customer integration are shown to enhance financial performance. This evidence reinforces the argument that relational factors such as trust are foundational to successful integration efforts across all sectors.

Technological advancements also play a pivotal role in shaping supply chain strategies. Breen and Crawford's examination of e-commerce adoption in hospital pharmacy procurement highlights the benefits of electronic data interchange (EDI) for improving efficiency and data transmission (Breen and Crawford, 2005). Despite its infancy in this sector, EDI offers proven advantages for quality improvement initiatives. The study raises questions about barriers to wider adoption a theme relevant to other sectors grappling with digital transformation in their logistics operations.

The unique requirements of halal supply chains introduce additional layers of complexity to integration strategies. Tieman et al. present a framework for optimizing halal food supply chains that accounts for product characteristics (e.g., bulk versus unitized goods) and market requirements (Muslim versus non-Muslim countries) (Tieman et al., 2012). Their research identifies specific halal control activities necessary to reduce vulnerability to contamination throughout transportation, warehousing, and terminal operations. These findings have implications for pharmaceutical companies targeting halal markets, where compliance with religious standards must be integrated into broader logistics strategies.

Mahadi and Ab Talib's systematic review further underscores the paucity of research on logistics and supply chain management (LSCM) in halal pharmaceuticals (Mahadi & Ab Talib, 2023). The review identifies significant gaps in both conceptual understanding and practical application within this niche sector. Addressing these gaps will require targeted research efforts that bridge LSCM principles with sector-specific requirements around transparency, traceability, and religious compliance.

Finally, Ashenbaum and Maltz's exploration of purchasing-logistics integration (PLI) provides valuable insights into how mutual responsibility and integrative efforts between purchasing and logistics managers influence supplier performance (Ashenbaum & Maltz, 2017). Their findings suggest that formal integrative mechanisms (e.g., liaison roles, joint reward systems) are perceived differently by purchasing versus logistics managers but are nonetheless critical for enhancing supplier delivery speed and price performance. This nuanced understanding of internal integration mechanisms is applicable across sectors seeking to optimize supplier relationships as part of their broader marketing logistics strategy.

Collectively, these sectoral perspectives reveal that successful integration of marketing logistics and supply chain strategy in international marketing is

contingent upon a nuanced understanding of industry-specific drivers, relational dynamics such as trust and fairness, technological enablers like EDI systems or CRM platforms, competitive pressures at both local and international levels, sustainability imperatives including green or halal compliance frameworks, and internal organizational factors such as communication practices or integrative mechanisms between functional areas. Each sector be it tourism, aviation, healthcare, or pharmaceuticals must tailor its approach to reflect these contextual realities while striving for alignment between marketing objectives and logistical capabilities.

5. CONCLUSION

This chapter examined the integration of marketing logistics and supply chain strategy within international marketing contexts, focusing on tourism, aviation, healthcare, and pharmaceutical markets. Through a comprehensive conceptual analysis, the study highlighted the critical role of marketing logistics capabilities and supply chain strategic capabilities in enhancing international marketing performance. The developed conceptual framework and accompanying research propositions (P1–P6) illustrate how the strategic alignment between logistics and supply chain processes enables firms to respond more effectively to global market demands, improve customer value, and achieve competitive advantage.

The findings emphasize that the integration mechanism is not uniform across sectors. Sector-specific characteristics, such as service simultaneity in tourism, operational network complexity in aviation, regulatory constraints in healthcare, and strict distribution compliance in pharmaceuticals, serve as important moderators that shape the effectiveness of logistics and supply chain integration. This underscores the necessity of tailoring marketing logistics and supply chain strategies to sectoral dynamics to maximize international marketing outcomes.

By synthesizing insights across these sectors, the chapter contributes to the international marketing literature by bridging the gap between theoretical discussions on marketing logistics and practical considerations of supply chain strategy. It provides a foundation for future empirical research and offers a structured framework for managers seeking to strengthen the connection between marketing activities and supply chain operations in global markets.

In conclusion, the chapter demonstrates that strategic integration of marketing logistics and supply chain capabilities is a key driver of organizational

performance in international marketing. Firms that effectively align these dimensions can enhance responsiveness, efficiency, and customer satisfaction, while accounting for sector-specific challenges, thereby ensuring sustainable competitive advantage in increasingly complex global markets. In the context of international marketing, the integration of marketing logistics and supply chain strategy has emerged as a critical determinant of competitive advantage, particularly when examined through the sectoral lenses of tourism, aviation, healthcare, and pharmaceuticals. The increasing complexity of global markets, coupled with heightened customer expectations and regulatory demands, necessitates a multidimensional approach to supply chain management that is both adaptive and strategically aligned with marketing objectives.

The tourism sector, characterized by its service-oriented nature and reliance on seamless customer experiences, has witnessed a growing emphasis on sustainable supply chain management practices. Research focusing on sustainable hospitality supply chains demonstrates that the integration of environmental, social, and economic dimensions within supply chain strategies directly influences customer satisfaction and loyalty. Specifically, empirical findings indicate a strong and positive correlation between all three sustainability dimensions and customer satisfaction, as well as a robust relationship between these dimensions and customer loyalty. Furthermore, customer satisfaction itself is shown to be a powerful driver of loyalty in the context of sustainable hospitality offerings (Abu Taleb et al., 2020). This underscores the necessity for tourism enterprises to embed sustainability into their logistics and supply chain strategies, not only to meet regulatory or societal expectations but also to enhance market performance through improved customer perceptions.

The aviation industry, operating in a highly regulated and technologically advanced environment, faces unique challenges in integrating marketing logistics with supply chain strategy. The advent of Supply Chain 4.0 technologies including blockchain, artificial intelligence, and the Internet of Things has introduced both opportunities and risks for aviation supply chains. The integration of these technologies aims to enhance efficiency, agility, and profitability; however, it also exposes aviation supply chains to new forms of cyber risk and interoperability challenges. The lack of semantic standards and poor interoperability between manufacturing and IT processes are particularly problematic in military aviation supply chains, but similar vulnerabilities exist in commercial aviation as well. Addressing these issues requires a holistic approach to supply chain design that prioritizes both operational efficiency

and cybersecurity (Sobb et al., 2020). The sector's experience highlights the importance of aligning technological innovation with strategic supply chain objectives to mitigate emerging risks while capitalizing on new capabilities.

Healthcare supply chains are distinguished by their direct impact on patient outcomes and organizational performance. In the Indian healthcare context, empirical studies reveal a close interrelationship between supply chain management practices, supply chain performance (SCP), and overall organizational performance (OP). Efficient SCP is identified as a critical factor for OP improvement, with effective supply chain practices leading to enhanced patient satisfaction and organizational effectiveness. The research framework developed in this context provides practical tools for evaluating the effectiveness of SCP and its impact on healthcare OP (Mathur et al., 2018). Moreover, trust with suppliers emerges as a pivotal element in hospital supply chain integration (SI) and performance. Survey-based research in Jordanian hospitals demonstrates that trust with suppliers positively affects both SI and overall hospital supply chain performance. Importantly, SI is found to partially mediate the relationship between trust and performance, suggesting that high levels of integration not only improve operational outcomes but also facilitate the transformation of trust into tangible performance benefits (Abdallah et al., 2017). These findings collectively highlight the necessity for healthcare organizations to foster trust-based relationships with suppliers while simultaneously investing in integration initiatives to achieve superior outcomes.

The pharmaceutical sector presents a distinct set of challenges due to its complex regulatory environment and the critical importance of risk management. Managing risks in pharmaceutical supply chains is increasingly recognized as a priority activity, given the sector's exposure to fluctuations in imports, supplier failures, information-sharing deficiencies, and material shortages. Decision modeling using methods such as the Analytical Hierarchy Process (AHP) reveals that supply-related risks such as fluctuation in imports arrival, lack of information sharing, key supplier failure, and non-availability of materials should be prioritized over operational, financial, and demand-related risks (Moktadir et al., 2018). This prioritization reflects the sector's reliance on robust logistics systems capable of ensuring consistent product availability while maintaining compliance with stringent regulatory standards.

The integration of marketing logistics and supply chain strategy across these sectors is further complicated by the need for resilience in the face of disruptions. A systematic literature review on supply chain resilience (SCRES)

identifies three major constructs: phases of resilience, resilience strategies, and the capabilities needed to be resilient. Five core SCRES capabilities are highlighted: the ability to anticipate, adapt, respond, recover, and learn. Thirteen essential elements and eighty-four managerial practices are linked to these capabilities, providing an integrated view of how organizations can achieve resilience through strategic alignment of logistics and supply chain functions (Ali et al., 2017). In practice, mitigation processes are identified as critical antecedents for building resilience. Empirical case studies from disaster management contexts demonstrate that integrating mitigation processes into supply chain strategies enables organizations to better prepare for and respond to disruptions. The development of an integrated supply chain resilience framework captures the interplay between disaster management processes and the capabilities required for resilience (Scholten et al., 2014). This approach is particularly relevant for sectors such as healthcare and pharmaceuticals, where disruptions can have life-threatening consequences.

Information technology (IT) plays a transformative role in enabling supply chain integration (SCI) and enhancing company performance across international markets. Evidence from cross-border e-commerce companies in China indicates that supplier and customer IT significantly promote system and process integration with both suppliers and customers. Supplier system and process integration are shown to enhance operational performance, while IT indirectly affects financial performance through improvements in operational outcomes. Customer system integration positively influences both operational and financial performance; however, customer process integration primarily improves financial outcomes (Yu et al., 2021). These findings suggest that IT-enabled SCI is a key driver of competitive advantage in international marketing logistics.

The role of trust and information sharing is also central to effective supply chain integration. Research on small- and medium-sized enterprises (SMEs) in Indonesia's batik industry demonstrates that trust between SME owners and suppliers has a significant positive effect on supply chain management (SCM) performance. Information sharing is found to have a higher effect on trust than informal contracts. Enhanced information sharing reduces unnecessary costs and activities, shortens waiting times for raw materials, reduces inventory levels, increases profits, and improves customer satisfaction (Susanty et al., 2018). Similarly, collaborative partnerships built upon trust and electronically mediated exchange are shown to be effective under varying transactional circumstances.

Electronically mediated exchange is more effective for standardized products, while trust plays a larger role when customized products are involved (Myhr & Spekman, 2005). These insights reinforce the importance of context-specific strategies for integrating marketing logistics with supply chain operations.

Sector-specific obstacles further influence the integration process. In developing countries such as Vietnam, cold chain implementation faces ten key obstacles: deficient professional skills, lack of quality and safety-control measures, high concentration of intermediaries, poor infrastructure, lack of information systems, high installation and operation costs, inadequate education at the farmer level, deficiency of standardization, lack of government support for local businesses, and social norms (Gligor et al., 2018). These barriers underscore the need for targeted interventions that address both systemic weaknesses and sectoral specificities.

From a strategic perspective, integrated supply chain risk management (ISCRM) connects SCI with risk management practices to address end-to-end risks that transmit among supply chain members. A systematic literature review identifies risk sources, scopes, dimensions of SCI, and performance metrics relevant to ISCRM. The analysis proposes future research directions based on identified gaps in current literature (Zhu et al., 2017). In parallel, research connecting SCRM with IT highlights that current studies focus predominantly on risk reduction rather than risk identification or monitoring. There is limited research on disruption risk beyond operational concerns. To address these gaps, a two-dimensional framework categorizes IT potential for SCRM according to disruption risk source and impact on physical flows (Fischer-preßler et al., 2020). This framework suggests promising avenues for future research aimed at mitigating gaps at the intersection of SCRM and IT.

The evolution toward world-class sustainable supply chain management (WCSSCM) is marked by significant differences in definitions and methodologies across the literature. A critical review identifies eighteen dimensions classified under six constructs within SSCM. The development of theoretical frameworks such as WCSSCM provides a foundation for further research into best practices applicable across sectors (Dubey et al., 2017). In addition to sustainability considerations, strategic factors such as power asymmetries play a role in shaping socially responsible supply chains. Joint dependency between buyers and suppliers is found to positively influence socially responsible SCM initiatives; however, supplier power can constrain such efforts. Geographic distance further moderates these relationships (Hoejmose et al., 2013).

The integration of marketing logistics with supply chain strategy in international markets thus requires a nuanced understanding of sector-specific challenges, technological enablers, relational dynamics such as trust and information sharing, risk management imperatives, sustainability objectives, and strategic power relations. Each sector tourism, aviation, healthcare, pharmaceuticals offers unique insights into how these factors interact to shape effective international marketing logistics strategies. The synthesis of empirical findings across these domains provides actionable guidance for practitioners seeking to optimize their global operations through integrated approaches tailored to their industry's distinctive requirements.

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