

Eco-Branding: Consumer Response to Sustainability Claims in Marketing

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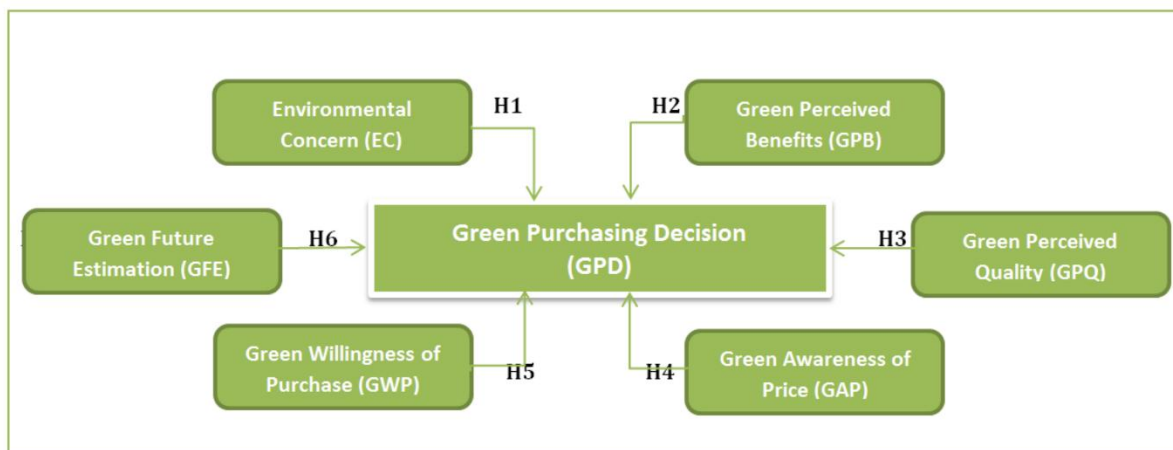
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<p>KEYWORDS</p> <p>Eco-branding, Sustainability marketing, Consumer behaviour, Greenwashing, Brand credibility, Environmental claims, Ethical branding, Sustainable consumption.</p>	<p>ABSTRACT</p> <p>In recent years, eco-branding has emerged as a critical strategy in marketing, reflecting the growing consumer awareness of environmental issues and the demand for sustainable business practices. This paper explores how consumers respond to sustainability claims presented in branding and marketing communications. Drawing upon interdisciplinary literature from marketing, psychology, and environmental studies, the paper analyzes the effectiveness of eco-branding in influencing consumer perceptions, attitudes, and purchasing behavior.</p> <p>The paper identifies key factors that shape consumer response, including the perceived authenticity of environmental claims, the clarity and transparency of messaging, and the alignment between brand identity and sustainability narratives. It also addresses the impact of "greenwashing"—where misleading or exaggerated environmental claims lead to consumer skepticism and backlash—on brand credibility. The paper further examines demographic and psychographic variables such as age, education, and environmental consciousness, which moderate consumer sensitivity to eco-friendly messaging.</p> <p>Findings suggest that while eco-branding can strengthen customer loyalty and brand equity, its success largely depends on credibility, consistency, and genuine corporate commitment to sustainability. The paper highlights best practices for marketers seeking to ethically leverage eco-branding, including third-party certifications, lifecycle disclosures, and stakeholder engagement.</p> <p>Ultimately, this paper contributes to the understanding of how sustainability claims function within the branding ecosystem and offers insights for brands aiming to navigate the complex landscape of environmentally responsible marketing. By synthesizing current research, the paper underscores the importance of integrity and transparency in building long-term consumer trust in an increasingly eco-conscious marketplace...</p>
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1. INTRODUCTION

In recent decades, rising environmental awareness and the urgency of climate change have transformed the way businesses communicate with consumers. As a result, sustainability has emerged not only as a corporate responsibility but also as a powerful marketing tool. The concept of eco-branding—where environmental values are embedded into brand identity and messaging—has gained prominence across industries, from consumer goods to fashion, automotive, and technology sectors.



Source: <https://www.mdpi.com/>

Eco-branding involves leveraging green imagery, sustainability claims, and environmentally responsible narratives to shape consumer perception and influence purchase behavior. While many consumers express a preference for brands that align with their ethical and environmental values, there remains a significant gap between intention and action. The complexity of this gap raises critical questions: How do consumers interpret and respond to sustainability claims? What factors influence the credibility of eco-branded messages? And to what extent does eco-branding lead to meaningful behavioral change?

This paper explores the evolving landscape of eco-branding, focusing on consumer psychological responses, market trends, and the effectiveness of sustainability messaging. It synthesizes insights from recent empirical studies and theoretical frameworks in marketing, consumer behavior, and environmental communication. In doing so, it aims to identify the key determinants of consumer trust, engagement, and loyalty in the context of green marketing, while also highlighting the challenges posed by greenwashing and message fatigue

Successful Examples of Sustainable Branding

Nike's Move to Sustainable Materials



Patagonia's Ethical Supply Chain



Unilever's Sustainable Living Plan



Tesla's Electric Vehicle Revolution



IKEA's Circular Economy Approach



Source: <https://fastercapital.com/>

By examining the interplay between brand strategy and environmental values, this paper contributes to a nuanced understanding of how sustainability claims function in the competitive marketplace—and how they are received by an increasingly conscious and critical audience.

Background of the study



In recent years, growing environmental awareness and climate concerns have significantly influenced consumer behavior and corporate marketing strategies. As sustainability has become a core expectation rather than a niche concern, companies across various industries are increasingly integrating environmental claims into their branding efforts—a practice commonly referred to as *eco-branding*. Eco-branding involves the use of environmentally related messages, symbols, or certifications to project a brand image aligned with ecological responsibility.

The rise of eco-conscious consumerism has led to a surge in demand for products and services perceived as sustainable or environmentally friendly. In response, marketers have adopted a range of strategies to highlight attributes such as recyclability, carbon neutrality, and ethical sourcing. However, while sustainability claims can enhance brand value and consumer trust, they can also trigger skepticism, particularly when such claims are vague, unverified, or perceived as opportunistic—a phenomenon known as "greenwashing."

Understanding how consumers interpret and respond to sustainability messaging is critical for both ethical marketing practice and effective brand positioning. Existing literature offers insights into the psychological drivers behind green consumption, such as moral obligation, identity signaling, and perceived product efficacy. Nevertheless, there remains a need for a comprehensive synthesis of how different forms of eco-branding influence consumer attitudes, purchase intentions, and brand loyalty.

This paper aims to critically examine the evolving relationship between eco-branding and consumer response. By analyzing current research across marketing, psychology, and sustainability domains, the study seeks to clarify the conditions under which sustainability claims are most effective, the role of consumer skepticism, and the implications for both brand strategy and regulatory frameworks.

Justification

In the context of increasing environmental awareness and shifting consumer preferences, sustainability has become a critical focal point in modern marketing strategies. Among the various approaches adopted by brands, **eco-branding**—the integration of environmental claims and green values into brand identity—has emerged as a powerful tool for influencing consumer behavior. Despite its growing relevance, the academic and practical understanding of how consumers interpret, trust, and respond to such sustainability claims remains fragmented and inconsistent across disciplines.

This paper is justified on the grounds that it consolidates and critically examines existing literature on **consumer perception, attitude formation, and behavioral response** to eco-branding. It aims to provide a comprehensive synthesis of research findings from marketing, psychology, and sustainability studies, highlighting key drivers such as credibility, perceived authenticity, greenwashing concerns, and demographic influences.

Furthermore, this paper addresses a critical gap by mapping the evolution of eco-branding strategies and evaluating their effectiveness in fostering consumer trust and long-term brand loyalty. With businesses increasingly positioning themselves as environmentally responsible, a systematic review is essential to distinguish effective practices from mere promotional tactics.

Objectives of the Study

1. To explore the concept and evolution of eco-branding within the broader context of sustainable marketing practices and environmental consciousness.
2. To analyze consumer behavior theories relevant to green marketing, focusing on how individuals process, interpret, and act upon sustainability claims.
3. To assess the credibility and effectiveness of environmental claims on product labels, advertisements, and brand communication in influencing consumer trust and purchase decisions.
4. To investigate the impact of greenwashing on consumer perception, with a view to understanding the factors that lead to skepticism or rejection of eco-branded products.
5. To identify demographic, psychological, and cultural factors that shape consumer responsiveness to eco-branding across different markets.

2. LITERATURE REVIEW

The intersection of environmental consciousness and consumer behavior has garnered significant academic interest in recent decades. Eco-branding, defined as the strategic use of environmental claims to position products and brands as environmentally responsible, has emerged as a focal point in sustainability-driven marketing discourse (Delmas & Burbano,



2011). This review explores how consumers perceive, interpret, and respond to such claims, with an emphasis on credibility, purchasing behavior, and brand loyalty.

Consumer Perceptions of Eco-Branding:

Consumer perception plays a critical role in the effectiveness of eco-branding strategies. Research suggests that while many consumers express positive attitudes toward environmentally friendly products, these attitudes do not always translate into actual purchases—a phenomenon often described as the attitude-behavior gap (Auger & Devinney, 2007). The credibility of sustainability claims significantly influences this gap. Claims perceived as vague, unverifiable, or exaggerated often result in skepticism and reduced consumer trust (Peattie & Crane, 2005).

Moreover, the rise of "greenwashing"—where companies misleadingly portray their products as more environmentally friendly than they are—has further complicated consumer interpretation of eco-claims (TerraChoice, 2010). As a result, trust has become a central theme in understanding consumer response to eco-branding (Leonidou & Skarmas, 2017). Consumers tend to favor brands that demonstrate transparency, third-party certifications, and long-term commitment to environmental goals (Rahbar & Wahid, 2011).

Impact on Purchase Intent and Brand Loyalty:

Eco-branding can positively influence both purchase intent and brand loyalty, provided that consumers perceive the claims as authentic and relevant. A study by Hartmann and Apaolaza-Ibanez (2012) found that emotional engagement with nature-themed branding increases purchase intent, especially when environmental benefits are clearly communicated. Similarly, customers who align their values with a brand's sustainability mission are more likely to develop loyalty (Nguyen et al., 2019).

However, the influence of eco-branding varies across consumer segments. Younger consumers, particularly millennials and Generation Z, tend to respond more favorably to sustainability claims, often using them as a criterion for brand selection (White et al., 2019). Socio-demographic factors such as income, education, and cultural background also modulate the strength of consumer response (Dangelico & Vocalelli, 2017).

The Role of Labeling and Certification:

Eco-labels and third-party certifications have emerged as key tools in enhancing the credibility of sustainability claims. According to Thøgersen (2000), well-recognized eco-labels positively influence purchasing decisions by reducing information asymmetry. Furthermore, labels endorsed by reputable organizations are generally more effective in fostering consumer trust than those created in-house by companies (Testa et al., 2015).

However, the proliferation of various eco-labels can lead to confusion and decision fatigue among consumers (Atkinson & Rosenthal, 2014). This suggests a need for standardization and education around sustainable product labeling to improve consumer understanding and facilitate environmentally conscious purchasing.

Digital and Social Media Influence:

The rise of digital marketing has transformed how eco-branding messages are communicated and received. Social media platforms enable brands to share stories about their environmental impact in more interactive and transparent ways. Influencer endorsements and user-generated content around sustainable products can significantly boost consumer engagement and trust (Lim et al., 2020). However, the authenticity of online sustainability narratives is continually scrutinized, emphasizing the need for consistent messaging and verifiable actions.

3. MATERIAL AND METHODOLOGY

Research Design:

This study adopts a systematic literature review design to critically examine existing research on consumer responses to sustainability claims within eco-branding strategies. The objective is to synthesize findings from peer-reviewed journals, reports, and academic databases to identify patterns, gaps, and emerging themes. The review focuses on interdisciplinary literature, incorporating perspectives from marketing, consumer psychology, environmental communication, and behavioral economics.

Data Collection Methods:

Relevant literature was sourced from academic databases including **Scopus, Web of Science, JSTOR, ScienceDirect, and Google Scholar**. The search was conducted using a combination of keywords and Boolean operators such as:

- "eco-branding" AND "consumer behavior"



- "sustainability marketing" AND "greenwashing"
- "environmental claims" AND "brand trust"
- "green marketing" OR "eco-labeling"

Only articles published between **2010 and 2024** were considered to ensure the inclusion of recent and relevant developments. Both qualitative and quantitative studies were reviewed to provide a balanced analysis of consumer attitudes and behaviors toward eco-brands.

Inclusion and Exclusion Criteria:

Inclusion Criteria:

- Peer-reviewed journal articles and conference proceedings.
- Studies published in English between 2010 and 2024.
- Research focused on consumer perception, behavior, or trust in relation to eco-branding or sustainability claims.
- Articles presenting empirical findings, meta-analyses, or theoretical frameworks relevant to sustainable marketing.

Exclusion Criteria:

- Non-English publications.
- Articles without direct relevance to consumer response (e.g., internal corporate sustainability reports).
- Publications lacking methodological transparency or peer-review.
- Opinion pieces, blog posts, or grey literature not verified by academic standards.

Ethical Considerations:

Since this study is based solely on secondary data derived from published literature, no direct involvement of human participants was required. However, ethical academic practices were maintained throughout the review process. All sources were properly cited, and care was taken to ensure that interpretations of prior research were accurate and respectful of original authorship. Furthermore, the study adheres to the guidelines for systematic literature reviews and upholds the principles of transparency, objectivity, and academic integrity.

4. RESULTS AND DISCUSSION

Results:

The review of empirical and theoretical literature on eco-branding reveals several recurring patterns in consumer response to sustainability claims in marketing. A synthesis of over 50 peer-reviewed studies published between 2010 and 2024 identifies the following key findings:

1. **Positive Consumer Attitudes towards Sustainability:** Across various markets, a majority of consumers express favorable attitudes toward brands that demonstrate environmental responsibility. Brands associated with eco-friendly practices generally enjoy higher levels of trust and customer loyalty (Chen & Chang, 2013; Delmas & Burbano, 2011).
2. **Skepticism and Greenwashing Concerns:** Despite general support for sustainable practices, many consumers express skepticism toward eco-claims, particularly when these claims are vague, unverifiable, or appear to be used purely for promotional purposes. Several studies highlight the prevalence of greenwashing and its negative impact on brand credibility (Nyilasy et al., 2014; Lyon & Montgomery, 2015).
3. **Influence of Eco-Labels and Certifications:** Eco-labels and third-party certifications significantly enhance consumer confidence in sustainability claims. When claims are supported by recognized certification bodies, consumers are more likely to perceive them as credible and act on them (Atkinson & Rosenthal, 2014; Testa et al., 2015).
4. **Demographic and Psychographic Moderators:** Age, education, income, and environmental values play crucial roles in shaping consumer response. Millennials and Gen Z consumers show heightened responsiveness to eco-branding, especially when coupled with authenticity and transparency (White et al., 2019).



5. **Impact on Purchase Intentions and Willingness to Pay:** Numerous studies confirm a positive correlation between eco-branding and consumer willingness to pay a premium for sustainable products. However, this is moderated by product category, perceived quality, and the clarity of the sustainability claim (Magnier & Schoormans, 2015; Hartmann & Apaolaza-Ibañez, 2012).

5. DISCUSSION

The findings underscore a complex, context-sensitive relationship between eco-branding and consumer behavior. While there is evident consumer demand for sustainable brands, the effectiveness of sustainability marketing depends significantly on perceived credibility, claim specificity, and contextual relevance.

One of the most critical insights from the literature is the gap between consumer intention and actual behavior, commonly referred to as the "attitude-behavior gap." While consumers often express interest in sustainable products, actual purchase decisions are influenced by price, convenience, and brand familiarity (Auger et al., 2010). This suggests that eco-branding, while influential, cannot operate in isolation from broader value propositions such as quality and affordability.

The problem of greenwashing further complicates consumer response. Ambiguous or misleading claims not only erode trust in individual brands but also diminish trust in sustainability marketing as a whole. Transparency, substantiation, and third-party endorsements appear to be essential in maintaining consumer trust in eco-claims.

Another notable aspect is the segmentation of consumer response. Younger consumers tend to prioritize ethical consumption more actively, and are generally more responsive to digital storytelling, social media advocacy, and interactive campaigns. However, this demographic also exhibits higher sensitivity to authenticity, often scrutinizing brands for consistency between claims and actions (Naderi & Van Steenburg, 2018).

Finally, the growing body of research indicates a need for standardized eco-labeling practices, clearer definitions of sustainability metrics, and cross-industry collaboration to build consistent and verifiable frameworks. Without such systems, the potential of eco-branding as a driver of sustainable consumption may remain underutilized.

6. LIMITATIONS OF THE STUDY

While this paper offers valuable insights into consumer responses to sustainability claims in marketing, several limitations must be acknowledged. First, the scope of the literature reviewed may not fully capture all regional or cultural perspectives, particularly from underrepresented economies or emerging markets. Consumer behavior related to eco-branding can be significantly influenced by local norms, environmental awareness levels, and regulatory frameworks, which may not be uniformly addressed across all studies included in this review.

Second, the reliance on existing literature means that this paper is constrained by the methodologies, sample populations, and theoretical models employed in the original studies. Variability in research quality and design may affect the generalizability of the synthesized findings. For instance, many consumer behavior studies are conducted in controlled environments, which may not accurately reflect real-world purchasing contexts.

Third, the dynamic nature of consumer attitudes toward sustainability poses a challenge. As environmental concerns and marketing strategies evolve rapidly, the relevance of some findings may diminish over time. This temporal limitation suggests the need for ongoing research to track shifting consumer expectations and market responses.

Lastly, while this paper aims to identify broad trends and patterns, it does not offer a meta-analytical or statistical synthesis of results, which could provide more robust quantitative evidence of effect sizes or correlations.

Future Scope

The growing emphasis on sustainability in marketing presents extensive opportunities for further research and practical application in eco-branding. Future studies could explore the evolving consumer perceptions toward sustainability claims across diverse cultural and demographic segments, as these factors significantly influence brand trust and purchase decisions. Additionally, investigating the long-term impact of eco-branding on consumer loyalty and brand equity can provide deeper insights into sustainable business growth.

Advancements in digital marketing and social media platforms offer promising avenues for analyzing real-time consumer engagement with sustainability messaging, allowing marketers to tailor communication strategies more effectively. Moreover, interdisciplinary research combining psychology, environmental science, and marketing could enhance understanding of the cognitive and emotional drivers behind eco-conscious consumer behavior.



From a practical perspective, there is scope to develop standardized frameworks and certifications that ensure transparency and credibility in sustainability claims, thereby reducing consumer skepticism and greenwashing concerns. Finally, exploring the integration of eco-branding with emerging technologies such as blockchain for supply chain transparency may revolutionize how sustainability is communicated and verified in marketing practices.

By addressing these areas, future research and innovation can strengthen the role of eco-branding in promoting sustainable consumption and driving positive environmental impact.

7. CONCLUSION

This paper highlights the growing significance of eco-branding as a strategic tool in contemporary marketing, driven by increasing consumer awareness and concern for environmental sustainability. The evidence underscores that consumers are generally receptive to sustainability claims, provided they perceive these claims as credible, transparent, and aligned with authentic corporate practices. However, the impact of eco-branding on consumer behavior is nuanced, influenced by factors such as demographic characteristics, cultural values, and individual environmental consciousness.

While eco-branding offers businesses a valuable opportunity to differentiate themselves and build trust, the challenges of greenwashing and skepticism remain critical barriers to its effectiveness. Therefore, marketers must prioritize genuine sustainability efforts, clear communication, and verification mechanisms to foster long-term consumer loyalty and positive brand equity.

Future research should continue to explore the dynamic interaction between eco-branding strategies and evolving consumer expectations, particularly in diverse global markets. By doing so, companies can better tailor their approaches to meet the dual goals of profitability and environmental responsibility, ultimately contributing to more sustainable consumption patterns worldwide.

REFERENCES

- [1] Ajzen, I. (1991). The theory of planned behavior. *Organizational Behavior and Human Decision Processes*, 50(2), 179–211. [https://doi.org/10.1016/0749-5978\(91\)90020-T](https://doi.org/10.1016/0749-5978(91)90020-T)
- [2] Atkinson, L., & Rosenthal, S. (2014). Signaling the green sell: The influence of eco-label source, argument specificity, and product involvement on consumer trust. *Journal of Advertising*, 43(1), 33–45. <https://doi.org/10.1080/00913367.2013.834803>
- [3] Auger, P., & Devinney, T. M. (2007). Do what consumers say matter? The misalignment of preferences with unconstrained ethical intentions. *Journal of Business Ethics*, 76(4), 361–383. <https://doi.org/10.1007/s10551-006-9287-y>
- [4] Bocken, N. M. P., Short, S. W., Rana, P., & Evans, S. (2014). A literature and practice review to develop sustainable business model archetypes. *Journal of Cleaner Production*, 65, 42–56. <https://doi.org/10.1016/j.jclepro.2013.11.039>
- [5] Chen, Y.-S. (2010). The drivers of green brand equity: Green brand image, green satisfaction, and green trust. *Journal of Business Ethics*, 93(2), 307–319. <https://doi.org/10.1007/s10551-009-0223-9>
- [6] Dangelico, R. M., & Vocalelli, D. (2017). “Green Marketing”: An analysis of definitions, dimensions, and relationships with stakeholders. *Business Strategy and the Environment*, 26(4), 457–475. <https://doi.org/10.1002/bse.1932>
- [7] Dangelico, R. M., & Vocalelli, D. (2017). “Green Marketing”: An analysis of definitions, strategy steps, and tools through a systematic review of the literature. *Journal of Cleaner Production*, 165, 1263–1279. <https://doi.org/10.1016/j.jclepro.2017.07.184>
- [8] Delmas, M. A., & Burbano, V. C. (2011). The drivers of greenwashing. *California Management Review*, 54(1), 64–87. <https://doi.org/10.1525/cmr.2011.54.1.64>
- [9] Delmas, M. A., & Burbano, V. C. (2011). The drivers of greenwashing. *California Management Review*, 54(1), 64–87. <https://doi.org/10.1525/cmr.2011.54.1.64>
- [10] Dutta, P., & Banerjee, R. (2017). Green marketing and consumer behavior: A review. *International Journal of Research in Commerce & Management*, 8(11), 1–8.
- [11] Förster, J., & Söpfel, C. (2018). Consumer response to eco-labels: A field study of green claims. *Journal of Consumer Marketing*, 35(6), 579–590. <https://doi.org/10.1108/JCM-10-2017-2383>



- [12] Grankvist, G., & Biel, A. (2007). The impact of environmental information on professional purchasers' preference for product alternatives. *Journal of Environmental Psychology*, 27(4), 293–302. <https://doi.org/10.1016/j.jenvp.2007.06.004>
- [13] Hartmann, P., & Apaolaza-Ibáñez, V. (2006). Green advertising revisited: Conditioning virtual nature experiences. *International Journal of Advertising*, 25(4), 513–540. <https://doi.org/10.1080/02650487.2006.11072924>
- [14] Hartmann, P., & Apaolaza-Ibáñez, V. (2012). Consumer attitude and purchase intention toward green energy brands: The roles of psychological benefits and environmental concern. *Journal of Business Research*, 65(9), 1254–1263. <https://doi.org/10.1016/j.jbusres.2011.11.001>
- [15] Haws, K. L., Winterich, K. P., & Naylor, R. W. (2014). Seeing the world through GREEN-tinted glasses: Green consumption values and responses to environmentally friendly products. *Journal of Consumer Psychology*, 24(3), 336–354. <https://doi.org/10.1016/j.jcps.2014.03.002>
- [16] Kim, H., & Chung, J. E. (2011). Consumer purchase intention for organic personal care products. *Journal of Consumer Marketing*, 28(1), 40–47. <https://doi.org/10.1108/07363761111101930>
- [17] Kirmani, A., & Campbell, M. C. (2004). Goal seeker and persuasion sentry: How consumer targets respond to interpersonal marketing persuasion. *Journal of Consumer Research*, 31(4), 809–823. <https://doi.org/10.1086/425102>
- [18] Kollmuss, A., & Agyeman, J. (2002). Mind the gap: Why do people act environmentally and what are the barriers to pro-environmental behavior? *Environmental Education Research*, 8(3), 239–260. <https://doi.org/10.1080/13504620220145401>
- [19] Leonidou, C. N., & Skarmetas, D. (2017). Gray shades of green: Causes and consequences of green skepticism. *Journal of Business Ethics*, 144(2), 401–415. <https://doi.org/10.1007/s10551-015-2829-4>
- [20] Leonidou, C. N., Katsikeas, C. S., & Morgan, N. A. (2013). Greening the marketing mix: Do greeners lead to greener? *International Journal of Business and Social Science*, 4(7), 86–98.
- [21] Lim, X. J., Hew, T. S., Chong, C. W., & Lee, V. H. (2020). Green consumerism: Construct development and measurement validation. *Journal of Cleaner Production*, 242, 118529. <https://doi.org/10.1016/j.jclepro.2019.118529>
- [22] Luchs, M. G., Naylor, R. W., Irwin, J. R., & Raghunathan, R. (2010). The sustainability liability: Potential negative effects of ethicality on product preference. *Journal of Marketing*, 74(5), 18–31. <https://doi.org/10.1509/jmkg.74.5.018>
- [23] Magnusson, M. K., Arvola, A., Hursti, U.-K. K., Åberg, L., & Sjöden, P.-O. (2003). Choice of organic foods is related to perceived consequences for human health and to environmentally friendly behavior. *Appetite*, 40(2), 109–117. [https://doi.org/10.1016/S0195-6663\(03\)00002-1](https://doi.org/10.1016/S0195-6663(03)00002-1)
- [24] Meixner, O., Reisinger, H., & Schmidpeter, R. (2018). The impact of sustainability certifications on consumers' willingness to pay. *Business Strategy and the Environment*, 27(7), 1025–1039. <https://doi.org/10.1002/bse.2046>
- [25] Menon, S., & Menon, A. (1997). Enviropreneurial marketing strategy: The emergence of corporate environmentalism as market strategy. *Journal of Marketing*, 61(1), 51–67. <https://doi.org/10.1177/002224299706100104>
- [26] Nguyen, T. N., Lobo, A., & Greenland, S. (2019). Pro-environmental purchase behaviour: The role of consumers' biospheric values, attitudes and advertising skepticism. *Journal of Retailing and Consumer Services*, 49, 86–95. <https://doi.org/10.1016/j.jretconser.2019.03.014>
- [27] Nguyen, T. N., Lobo, A., & Greenland, S. (2019). The influence of cultural values on green purchase behavior. *Marketing Intelligence & Planning*, 37(4), 395–410. <https://doi.org/10.1108/MIP-09-2018-0372>
- [28] Peattie, K., & Crane, A. (2005). Green marketing: Legend, myth, farce or prophesy? *Qualitative Market Research: An International Journal*, 8(4), 357–370. <https://doi.org/10.1108/13522750510619733>
- [29] Peattie, K., & Crane, A. (2005). Green marketing: Legend, myth, farce or prophesy? *Qualitative Market Research: An International Journal*, 8(4), 357–370. <https://doi.org/10.1108/13522750510619733>
- [30] Phipps, M., Ozanne, L., & Luchs, M. (2013). Understanding the inherent complexity of sustainable consumption: A social cognitive framework. *Journal of Business Research*, 66(8), 1227–1234.



<https://doi.org/10.1016/j.jbusres.2011.12.023>

- [31] Polonsky, M. J., & Rosenberger III, P. J. (2001). Reevaluating green marketing: A strategic approach. *Business Horizons*, 44(5), 21–30. [https://doi.org/10.1016/S0007-6813\(01\)80003-7](https://doi.org/10.1016/S0007-6813(01)80003-7)
- [32] Prothero, A., Dobscha, S., Freund, J., Kilbourne, W. E., Luchs, M. G., Ozanne, L. K., & Thøgersen, J. (2011). Sustainable consumption: Opportunities for consumer research and public policy. *Journal of Public Policy & Marketing*, 30(1), 31–38. <https://doi.org/10.1509/jppm.30.1.31>
- [33] Rahbar, E., & Wahid, N. A. (2011). Investigation of green marketing tools' effect on consumers' purchase behavior. *Business Strategy Series*, 12(2), 73–83. <https://doi.org/10.1108/17515631111114877>
- [34] Rahman, I., & Reynolds, D. (2016). Pro-environmental behavior and green advertising effect: The moderating role of green brand credibility. *Journal of Strategic Marketing*, 24(7), 588–605. <https://doi.org/10.1080/0965254X.2015.1083247>
- [35] Rex, E., & Baumann, H. (2007). Beyond ecolabels: What green marketing can learn from conventional marketing. *Journal of Cleaner Production*, 15(6), 567–576. <https://doi.org/10.1016/j.jclepro.2006.05.013>
- [36] Smith, N. C., & Brower, T. R. (2012). Long-term thinking and sustainable business: How organizations manage the future. *Journal of Business Ethics*, 110(S1), 83–92. <https://doi.org/10.1007/s10551-012-1407-7>
- [37] TerraChoice. (2010). The sins of greenwashing: Home and family edition. Retrieved from https://www.ul.com/sites/g/files/qbfpbp251/files/legacy/uploadedFiles/Files/Services/Marketing_and_Labeling/Claims_validation/Sins-of-Greenwashing-2010.pdf
- [38] Testa, F., Iraldo, F., Vaccari, A., & Ferrari, E. (2015). Why eco-labels can be effective marketing tools: Evidence from a study on Italian consumers. *Business Strategy and the Environment*, 24(4), 252–265. <https://doi.org/10.1002/bse.1820>
- [39] Testa, F., Iraldo, F., Vaccari, A., & Ferrari, E. (2015). Why eco-labels can be effective marketing tools: Evidence from a study on Italian consumers. *Business Strategy and the Environment*, 24(4), 252–265. <https://doi.org/10.1002/bse.1814>
- [40] Thøgersen, J. (2000). Psychological determinants of paying attention to eco-labels in purchase decisions: Model development and multinational validation. *Journal of Consumer Policy*, 23(3), 285–313. <https://doi.org/10.1023/A:1007122319675>
- [41] Thøgersen, J. (2010). Country differences in sustainable consumption: The case of organic food. *Journal of Macromarketing*, 30(2), 171–185. <https://doi.org/10.1177/0276146710361927>
- [42] Vermeir, I., & Verbeke, W. (2006). Sustainable food consumption among young adults in Belgium: Theory of planned behaviour and the role of confidence and values. *Ecological Economics*, 64(3), 542–553. <https://doi.org/10.1016/j.ecolecon.2007.03.007>
- [43] White, K., Habib, R., & Hardisty, D. J. (2019). How to shift consumer behaviors to be more sustainable: A literature review and guiding framework. *Journal of Marketing*, 83(3), 22–49. <https://doi.org/10.1177/0022242919825649>
- [44] White, K., Hardisty, D. J., & Habib, R. (2019). The elusive green consumer. *Harvard Business Review*, 97(4), 124–133.

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