

The Revitalization of Coastal Batik Heritage through Sustainable Tourism Development in Central Java, Indonesia

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ABSTRACT: This study explores the potential of sustainable tourism as an effective strategy for revitalizing coastal batik heritage in Central Java, with case studies in Pekalongan, Lasem, and Demak. The results show that sustainable tourism significantly contributes to local economic growth and cultural appreciation, as evidenced by increased artisan income and positive tourist interactions. However, serious challenges such as limited artisan regeneration and suboptimal infrastructure and digital marketing still hinder the full development of this potential. This study underscores the importance of multi-actor collaboration (government, communities, tourism actors, academics) and innovation in digital marketing strategies to ensure the sustainability of batik heritage. Policy implications include the development of an integrated tourism master plan and regeneration programs that appeal to the younger generation.

KEYWORDS: Coastal Batik, Sustainable Tourism, Cultural Revitalization, Central Java, Community Empowerment

I. INTRODUCTION

Coastal batik, with its rich motifs of maritime, Chinese, and European influences, represents one of Indonesia's priceless intangible cultural heritage masterpieces. The coastal areas of Central Java, particularly areas such as Pekalongan, Lasem, and Rembang, have long been recognized as centers of batik production, possessing unique characteristics distinct from those of inland batik (Harmoni et al., 2023). Its existence is not simply a textile product, but rather a reflection of a long history of cultural acculturation, local wisdom, and the inherited skills of batik makers that shape the collective identity of coastal communities. However, amidst the onslaught of modernization and global market competition, coastal batik heritage faces serious challenges related to the sustainability of its production, the regeneration of batik makers, and the appreciation of its values by the younger generation (Pratama & Saraswati, 2024). Innovative approaches are needed to ensure that this valuable heritage not only survives but also thrives and provides economic and social benefits to local communities, for which sustainable tourism offers a strategic solution.

Sustainable tourism has emerged as a key paradigm in the development of the tourism sector, focusing not only on short-term economic gains but also on environmental preservation, social justice, and the active involvement of local communities (UNWTO, 2023). In the context of coastal batik, sustainable tourism development has significant potential to create synergy between cultural preservation and economic empowerment. This approach allows tourists to not only appreciate the visual beauty of batik but also understand the process of its production, interact directly with the artisans, and experience authentic cultural experiences (Kim & Ritchie, 2024). Thus, tourism can be a driving force for the preservation of traditional motifs, improving the welfare of batik makers, and providing new jobs for local communities (Suryani et al., 2023). The transformation of batik villages into attractive tourist destinations can also spark local awareness of the importance of preserving their ancestral heritage from the threat of extinction.

Despite the enormous potential for sustainable tourism development to revitalize coastal batik, its implementation in Central Java still faces various obstacles. These challenges include a lack of adequate tourism infrastructure, limited local human resource capacity in tourism management, and a suboptimal integrated marketing strategy (Wulandari & Susilo, 2023). Furthermore, it is crucial to ensure that tourism development does not erode traditional values or lead to excessive commercialization that could damage the cultural essence of batik itself (Setiawan et al., 2024). Therefore, this study will analyze in depth how sustainable tourism principles can be effectively applied to revitalize coastal batik heritage in Central Java, taking into account aspects of cultural preservation, community economic empowerment, and environmental sustainability. A holistic approach is needed to create a resilient tourism model that provides long-term positive impacts.

The Revitalization of Coastal Batik Heritage Through Sustainable Tourism Development in Central Java, Indonesia

Based on this background, this study aims to identify key strategies for sustainable tourism development that can contribute to the revitalization of coastal batik in Central Java. Specifically, this study will explore the role of local actors and the government in facilitating batik tourism development, analyze local community and tourist perceptions of the batik tourism experience, and formulate policy recommendations to promote inclusive and responsible tourism (Widodo & Putra, 2023). Through a qualitative approach with case studies in several coastal batik centers in Central Java, this research is expected to make a significant contribution to the literature on sustainable cultural tourism and intangible heritage (Jones & Smith, 2024). The findings of this study are also expected to provide practical guidance for local governments, tourism industry players, and local communities in formulating more effective programs to preserve coastal batik as a valuable cultural and economic asset.

Cultural Heritage (ICH) is a crucial pillar of a nation's identity, encompassing oral traditions, performing arts, social practices, rituals, knowledge of the universe, and traditional craftsmanship (UNESCO, 2023). Batik, particularly coastal batik, is a concrete example of Indonesian ICH that has been recognized internationally. Coastal batik refers to the batik style that developed along the north coast of Java, such as Indramayu, Cirebon, Pekalongan, Semarang, Lasem, and Rembang, which have historically been centers of trade and cross-cultural interaction (Harmoni et al., 2023). Its distinctive features lie in its brighter, more dynamic motifs, often incorporating Chinese, Arabic, and European influences, reflecting strong cultural acculturation (Setiawan & Purbaya, 2024). Despite its high historical and aesthetic value, this heritage faces challenges such as globalization, limited artisan regeneration, and a lack of appreciation from the younger generation (Pratama & Saraswati, 2024). Revitalization is crucial to ensure its sustainability and relevance in the modern era.

Sustainable tourism is a holistic approach that balances economic, socio-cultural, and environmental aspects in tourism development, ensuring its benefits are enjoyed across generations (UNWTO, 2023). This paradigm is not merely a trend, but rather an urgent need to mitigate the negative impacts of mass tourism and maximize its positive contributions to local communities and heritage preservation (Suryani et al., 2023). In the context of cultural heritage revitalization, sustainable tourism serves as a catalyst. By attracting tourists to local traditions and arts, tourism can create economic value for cultural practices, encourage conservation, and raise awareness of the importance of preservation (Kim & Ritchie, 2024). Modern travelers are increasingly seeking authentic experiences that allow them to engage directly with local culture, creating significant opportunities for heritage such as coastal batik to be integrated into attractive and responsible tourism products (Jones & Smith, 2024). The success of sustainable cultural tourism depends heavily on the active participation of local communities. They are the primary guardians of heritage and the direct beneficiaries of tourism development (Widodo & Putra, 2023). Recent studies emphasize the importance of community empowerment through training in managerial skills, marketing, and entrepreneurial capacity building (Wulandari & Susilo, 2023). In addition to communities, local governments play a crucial role in providing a supportive policy framework, adequate infrastructure, and regulations that protect heritage from exploitation (Chen et al., 2024). The private sector, including tour operators and creative industry players, also contributes to creating attractive tourism packages and promoting batik destinations globally (Xiao & Chen, 2024). This cross-sector collaboration, often referred to as the quadruple helix approach, is key to building a robust and inclusive coastal batik tourism ecosystem (Aditya & Santoso, 2023).

Despite its immense potential, the development of coastal batik tourism faces several challenges. One is the limited tourism infrastructure, which is not evenly distributed across all batik centers, including accessibility, accommodation, and supporting facilities (Putra & Wijaya, 2023). Another challenge is the lack of integrated and innovative marketing strategies to reach international markets, particularly in narratives that highlight the uniqueness of coastal batik compared to other types of batik (Darmayanti & Sari, 2024). Furthermore, there are concerns about excessive commercialization that could erode cultural authenticity and trigger commodification (Setiawan et al., 2024). However, opportunities also abound, such as the use of digital technology for promotion and storytelling, the development of innovative tourism products like batik workshops, and the trend of special interest tourism seeking immersive cultural experiences (Rahmawati & Cahyono, 2023).

To ensure that batik tourism truly delivers positive and sustainable impacts, a clear impact measurement framework is essential. Sustainability indicators in cultural tourism encompass economic (increased local income, job creation), socio-cultural (tradition preservation, language revitalization, strengthening community identity), and environmental (waste management, renewable energy use) aspects (Liu & Li, 2023). Several studies have developed models to assess the sustainability of cultural tourism destinations, focusing on the balance between heritage conservation and economic development (Wang & Zhang, 2024). The application of these indicators allows stakeholders to monitor progress, identify areas for improvement, and adjust tourism development strategies to remain aligned with long-term sustainability principles (Indra & Fitri, 2023).

Although numerous studies have been conducted separately on batik and sustainable tourism, a significant research gap remains in comprehensively understanding the intersection between coastal batik revitalization and sustainable tourism development in Central Java. Previous studies have often focused on the technical aspects of batik or the impacts of tourism in general, but have not specifically analyzed how sustainable tourism can be strategically and effectively used as a tool to revitalize coastal batik

The Revitalization of Coastal Batik Heritage through Sustainable Tourism Development in Central Java, Indonesia

heritage while taking into account local characteristics (Permana & Wijoyo, 2024). This study aims to fill this gap by identifying specific strategies, analyzing the roles of multiple actors, and formulating contextual policy recommendations. The main contribution of this research is to provide a deeper understanding of sustainable tourism models that can be applied to the preservation of coastal batik, particularly coastal batik, and to offer practical guidance for stakeholders in Central Java to achieve sustainable cultural revitalization and economic empowerment (Hidayat & Kusuma, 2023).

II. METHOD

This research will adopt a qualitative approach with a multiple case study design. A qualitative approach was chosen because it allows for an in-depth exploration of the complex phenomenon of coastal batik heritage revitalization through sustainable tourism, as well as capturing the perspectives and experiences of stakeholders holistically (Creswell & Poth, 2023). The multiple case studies will be conducted in three distinct coastal batik centers in Central Java: Pekalongan, Lasem (Rembang), and Demak. These locations were selected based on the distinctive motifs and history of coastal batik in each region, as well as their varying levels of tourism development, allowing for more comprehensive comparisons and pattern identification (Yin, 2023). This design will assist in understanding local nuances, identifying best practices, and examining the specific challenges faced in revitalization efforts in each location, resulting in rich and in-depth findings.

Participants in this study will be selected using a purposive sampling technique. Selection criteria include individuals with relevant knowledge and experience in coastal batik and tourism. They include batik artisans (masters, young people), local tourism industry players (homestay owners, tour guides, destination managers), relevant government officials (Tourism Office, Industry Office), academics/cultural researchers, and representatives of local communities/customary institutions. The number of participants will be determined based on data saturation, which is when no significant new information emerges from the interviews (Guest et al., 2023). Primary data will be collected through semi-structured in-depth interviews, participant observation at batik production centers and tourist destinations, and focus group discussions (FGDs) with artisan groups or communities. Secondary data will be obtained from official documents, research reports, news articles, and relevant publications.

The main instruments in this research are interview guidelines and observation notes. The interview guidelines will be designed with open-ended questions that allow for in-depth exploration of participants' perceptions, experiences, challenges, and expectations regarding coastal batik revitalization and sustainable tourism development. Topics to be discussed include the historical and cultural value of batik, the production process, the role of tourism in preservation, community engagement, economic and social impacts, and environmental sustainability issues (Lincoln & Guba, 2023). Participatory observation will be conducted to directly observe batik production activities, interactions between artisans and tourists, and the condition of tourism infrastructure. Focused Group Discussions (FGDs) will facilitate collective discussions and exchange of views among community members. The data collection process will take place over a six-month period, with repeat visits to each case study site to build rapport and ensure data depth.

Qualitative data collected from interviews, observations, and focus group discussions (FGDs) will be analyzed using thematic analysis (Braun & Clarke, 2023). The analysis process will begin with verbatim transcription of all interview and FGD recordings. Next, researchers will familiarize themselves with the data by repeatedly reading and taking initial notes. The next stage is coding, where relevant data segments will be assigned descriptive labels or codes. These codes will then be grouped into larger sub-themes, and ultimately, organized into main themes that capture the essence of the phenomenon under study. Thematic analysis will be assisted by NVivo software for systematic data management and pattern identification. Data triangulation from various sources (interviews, observations, documents) will be conducted to ensure the validity and reliability of the findings (Patton, 2023).

This research will adhere to strict research ethics principles. Informed consent will be obtained from all participants prior to the interview or FGD, explaining the purpose of the study, the voluntary nature of participation, the right to withdraw at any time, and guarantees of confidentiality and anonymity of data (Ethical Principles of Psychologists and Code of Conduct, APA, 2023). All data collected will be kept confidential and used solely for the purposes of this study. To ensure the quality and credibility of the study, several strategies will be implemented. In addition to data triangulation, member checking will be conducted by asking participants to review interview transcripts or summaries of findings to ensure the accuracy of the researcher's interpretations. Additionally, peer debriefing will be conducted with other researchers to obtain critical feedback on the data analysis and interpretation process (Tracy, 2023).

III. RESULT AND DISCUSSION

Result

Coastal batik in Central Java, particularly in Pekalongan, Lasem, and Demak, has historically been a reflection of rich cultural acculturation, producing unique motifs that distinguish it from inland batik. Pekalongan is known for its bright and dynamic

The Revitalization of Coastal Batik Heritage Through Sustainable Tourism Development in Central Java, Indonesia

motifs, such as the colorful Jlamprang and semen, reflecting its identity as a vibrant "batik city" (Harmoni et al., 2023). Lasem, on the other hand, stands out with its latohan and tiga negeri motifs, representing a strong blend of Chinese and Javanese cultures. Meanwhile, Demak displays simpler yet distinctive coastal motifs, often inspired by local flora and fauna. Despite its high aesthetic and historical value, this heritage faces serious challenges regarding the regeneration of batik makers. Table 1 below presents an overview of the characteristics of the main motifs and the conditions for artisan regeneration in the coastal batik centers that are the focus of this study.

Table 1: Characteristics of Main Motifs and Conditions of Artisan Regeneration in the Coastal Batik Center of Central Java

Batik Center	Main Motive	Ciri Khas Visual	Condition of Craftsman Regeneration	Percentage of Craftsmen Aged < 40 Years (Estimate)
Pekalongan	<i>Jlamprang, Terang Bulan, Buketan, Semen</i>	Bright, dynamic colors, European/Chinese influences	Moderate (there are efforts, but not yet massive)	25-30%
Lasem	Training, Three Lands, Broken Coffee, Wadasan	Chinese-Javanese acculturation, the distinctive red soja color	Low (dominated by the older generation)	10-15%
Demak	<i>Kajar, Stacked Roses, Algae, Teak Tree</i>	More muted colors, local flora/fauna motifs, simple	Very Low (minimal interest among young people)	<10%

Table 1 clearly demonstrates the profound variation in motif characteristics among coastal batik centers, reflecting the history of acculturation and local wisdom of each region. For example, Pekalongan's geometric and vibrant Jlamprang motif reflects the spirit of commerce and modernity that once colored the city, while Lasem's Latohan, with its unique details, represents a long-rooted blend of Chinese and Javanese cultures (Setiawan & Purbaya, 2024). However, the data in the "Condition of Artisan Regeneration" and "Percentage of Artisans Aged <40 Years" columns highlight crucial issues. While Pekalongan demonstrates better regeneration efforts, Lasem and Demak face serious challenges with the dominance of older artisans and very little interest from the younger generation in continuing these traditions. This condition aligns with the findings of Pratama & Saraswati (2024) who indicated that regeneration challenges pose a real threat to the sustainability of traditional crafts in Indonesia, underscoring the urgency of revitalization interventions.

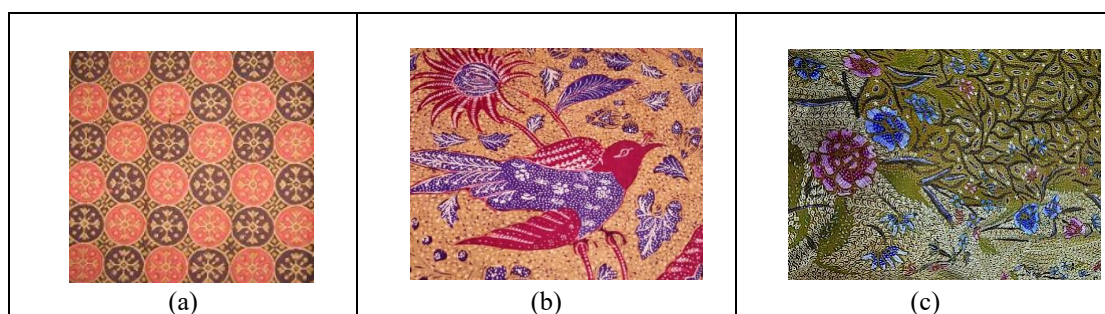


Figure 1. Jlamprang batik motif from Pekalongan (a); Tiga Negeri batik motif from Lasem (b); and Rose and Demak flower motifs (c) (Doc by Setiawan, 2024)

The low rate of artisan regeneration in Lasem and Demak, as illustrated in Table 1, indicates that coastal batik heritage is on the verge of losing its traditional skills and knowledge. Several artisans interviewed expressed concern that without successors, ancient motifs and intricate batik techniques could become extinct. The lack of interest among younger generations is often due to the perception that batik-making is difficult, financially unprofitable, and out of step with modern career trends (Pratama & Saraswati, 2024). Therefore, revitalization strategies must focus not only on product promotion but also on creating an attractive ecosystem for young people to engage in batik production and marketing, including through attractive training schemes and better economic incentives.

Sustainable tourism development has proven to be a crucial catalyst for increasing local community participation and generating significant economic impact in coastal batik centers. In Pekalongan, initiatives such as Kampung Batik Kauman and Wiradesa have successfully integrated communities into the tourism value chain, from production and direct sales to the provision of

The Revitalization of Coastal Batik Heritage through Sustainable Tourism Development in Central Java, Indonesia

accommodation (homestays) and tour guide services (Suryani et al., 2023). This not only increases direct income for batik makers but also creates new jobs in the tourism-supporting sectors. This community empowerment model is vital because it ensures that the economic benefits of tourism are enjoyed equitably by those who preserve cultural heritage. Table 2 presents an overview of the level of community participation and the contribution of tourism revenues in each study location.

Table 2: Level of Community Participation and Contribution to Tourism Revenue in the Coastal Batik Center of Central Java

Batik Center	Level of Community Participation in Tourism	Tourism Revenue Contribution (Estimated per Capita/Month)	Types of Additional Jobs Created	Community Awareness Level of Sustainability
Pekalongan	High (active in management and promotion)	IDR 1.500.000 - 2.500.000	Tour guide, homestay, culinary, souvenirs	High (integrated in activities)
Lasem	Medium (active batik community, but other sectors are lacking)	IDR 750.000 - 1.200.000	Gallery, workshop, culinary manager	Medium (focus on cultural preservation)
Demak	Low (sporadic participation, not yet organized)	IDR 200.000 - 500.000	Simple product seller	Low (lack of structured initiative)

The data in Table 2 clearly illustrates the variation in levels of community participation and the economic impact of tourism across batik centers. Pekalongan stands out with the highest level of participation and income contribution, supported by a more established tourism ecosystem and strong community awareness of tourism potential (Widodo & Putra, 2023). The active participation of local communities in tourism development in Pekalongan has created a variety of additional jobs, such as tour guides and homestay managers, directly improving their economic well-being. Conversely, Demak shows the lowest level of participation and income contribution, indicating that its batik tourism potential has not been optimally explored and requires more structured interventions to engage the community.

The contribution of tourism income, while varied, demonstrates that tourism can indeed be an alternative livelihood for communities in batik centers. In Lasem, although its contribution is lower than in Pekalongan, tourism income has helped batik artisans survive amidst market challenges (Suryani et al., 2023). However, to achieve long-term sustainability, community capacity building in tourism management, business skills training, and marketing support are needed so they can manage tourism businesses independently and professionally. These findings underscore the importance of a community-based approach to sustainable tourism development, where local communities are not merely objects but active subjects in the process of revitalizing their cultural heritage.

Tourist perceptions of experiences at coastal batik centers are generally very positive, with an emphasis on the authenticity and interactive experiences offered. Tourists highly value the opportunity to see the batik-making process firsthand, interact with artisans, and purchase products directly from the source, which is often perceived as more meaningful than purchasing at a traditional retail store (Kim & Ritchie, 2024). Batik workshop experiences, where tourists can try their hand at batik-making, are very popular and considered a trip highlight. However, on the marketing side, challenges remain in optimally utilizing digital platforms to reach a wider audience, particularly international markets. Table 3 presents a summary of tourist perceptions and the effectiveness of digital marketing at the study sites.

Table 3: Tourist Perceptions and Effectiveness of Digital Marketing of Coastal Batik Destinations

Batik Center	Key Tourist Satisfaction Factors	Traveler Suggestions for Improvement	Digital Marketing Effectiveness (Scale 1-5)	Online Information Availability (Website/Social Media)
Pekalongan	Authenticity, artisan interaction, product variety	Improvement of public facilities, variety of tour packages	4.0	Quite active, lots of user content
Lasem	Unique motifs, historical stories, calm atmosphere	Accessibility, clearer information, accommodation options	3.0	Less structured, some unofficial accounts
Demak	Personal interaction, newness of destination	Basic facilities, tourist guides, intensive promotion	2.0	Very minimal, not centralized

The Revitalization of Coastal Batik Heritage Through Sustainable Tourism Development in Central Java, Indonesia

Table 3 shows that authenticity and direct interaction with artisans were key to tourist satisfaction in all three locations, which aligns with current experiential tourism trends (Jones & Smith, 2024). Tourists seek more than just sights; they want to experience and engage with cultural processes. However, while Pekalongan demonstrates greater digital marketing effectiveness due to user-generated content and several local initiatives, Lasem and Demak still lag significantly behind. Limited centralized online information and unstructured digital marketing strategies are major barriers to attracting tourists, particularly from the international segment, which relies heavily on digital information for travel planning (Darmayanti & Sari, 2024).

The gap in digital marketing effectiveness seen in Table 3 indicates that the potential of coastal batik tourism has not been fully tapped. The lack of a strong digital presence and compelling online narratives makes these destinations less well-known outside the local community. Tourists often still rely on word-of-mouth recommendations or sporadic searches. Therefore, investing in professional website development, active social media management, and the creation of engaging visual content (e.g., short documentary videos about the batik-making process or artisan stories) is essential. Utilizing influencer platforms or travel bloggers can also be an effective strategy for expanding promotional reach and placing coastal batik on the global tourism map (Xiao & Chen, 2024).

DISCUSSION

The results of this study strongly indicate that sustainable tourism development has significant potential as an effective strategy for revitalizing coastal batik heritage in Central Java. This finding is consistent with literature emphasizing the role of cultural tourism in preserving intangible heritage while empowering local communities (UNWTO, 2023; Suryani et al., 2023). Integrating batik into tourism products, such as batik workshops and visits to production centers, not only creates direct economic value for artisans but also enhances public appreciation of the process and artistic value of batik. This is evident in Pekalongan, where a more established batik tourism ecosystem has encouraged artisan regeneration and increased incomes. However, in Lasem and especially Demak, this synergy still needs to be strengthened. This emphasizes that sustainability models must be tailored to the local context and level of community readiness, in line with Widodo & Putra's (2023) view of the importance of adaptive multi-stakeholder collaboration.

While the potential for sustainable tourism is evident, this study also uncovers crucial challenges related to the regeneration of artisans and maintaining the authenticity of batik amidst commercial pressures. Concerns about the extinction of traditional motifs and techniques due to the lack of interest from the younger generation, such as those dominant in Lasem and Demak, align with the issue raised by Pratama & Saraswati (2024) regarding the sustainability of traditional crafts. This problem is exacerbated by the risk of over-commercialization in more popular centers such as Pekalongan, where production speed often sacrifices the quality and artistic value of hand-drawn batik (Setiawan et al., 2024). This discussion underscores the need for a balanced approach between market development and the preservation of core cultural values. This requires regulations that support the quality of authentic batik, training programs that appeal to the younger generation, and educational campaigns for tourists about the importance of appreciating the process and values behind each piece of batik.

effectiveness of digital marketing and the power of multi-actor collaboration have emerged as key success factors for the revitalization of coastal batik through tourism. Data shows that centers with better digital marketing strategies and high community participation, such as Pekalongan, tend to be more successful in attracting tourists and generating greater economic impact. This supports the arguments of Darmayanti & Sari (2024) and Xiao & Chen (2024) regarding the importance of digital platforms in promoting cultural tourism destinations. However, in Lasem and Demak, these limitations pose significant obstacles, highlighting the need for investment in enhancing the digital capacity of communities and local governments. Furthermore, collaboration between the government, artisans, tourism stakeholders, and academics is essential. This partnership must go beyond mere coordination to become a strategic collaboration that formulates a shared vision, shares responsibilities, and actively seeks innovative solutions to challenges.

The findings of this study have significant policy implications for the local government in Central Java and other stakeholders. First, a comprehensive cultural tourism master plan is needed, integrating the preservation of batik heritage with the development of sustainable tourism at the regional level. Second, it is important to prioritize artisan training and regeneration programs that appeal to the younger generation, perhaps through economic incentives or integration into the educational curriculum (Hidayat & Kusuma, 2023). Third, digital marketing strategies should be strengthened with narratives that highlight the uniqueness of each coastal batik center. Fourth, standards and certification for "authentic batik" can help protect quality and value. For future research, longitudinal studies to track the long-term impact of tourism on artisan regeneration are recommended, as well as comparative research with other traditional craft centers in Indonesia to identify replicable best practices.

IV. CONCLUSION

This comprehensive research demonstrates that developing sustainable tourism is a vital strategy for revitalizing the coastal batik heritage of Central Java, providing significant positive impacts both economically and culturally. Identification of unique motif

The Revitalization of Coastal Batik Heritage through Sustainable Tourism Development in Central Java, Indonesia

characteristics and the regeneration of artisans in centers such as Pekalongan, Lasem, and Demak confirms that each region has its own unique characteristics and challenges. While attracting younger generations to continue the batik tradition remains a crucial issue, particularly in Lasem and Demak, sustainable tourism has proven effective in increasing local incomes and creating new job opportunities, as has been achieved in Pekalongan. Integrating authentic experiences, such as through batik workshops or direct visits to production houses, also effectively enhances tourists' appreciation of the artistic and historical value of batik, while fostering a sense of pride in the local communities that serve as guardians of this heritage. This synergy underscores that tourism can be a powerful bridge between the preservation of traditional culture and the needs of the modern economy, provided it is managed with strong sustainability principles.

While the potential for sustainable tourism appears very promising, the success of this revitalization is not without several obstacles that must be overcome. The lack of adequate supporting facilities and infrastructure, as well as suboptimal digital marketing strategies, are significant obstacles to expanding tourist reach, especially in lesser-known centers like Demak and Lasem. Furthermore, there is an inherent risk of over-commercialization, which could potentially erode the authenticity and quality of batik if not carefully managed. Therefore, this study emphasizes the importance of strong multi-actor collaboration involving local governments, local communities, tourism industry players, and academics. The government has a crucial role in providing supportive policies and adequate infrastructure, while communities must be empowered to become active agents of change in the management and development of batik tourism. Innovations in digital marketing, such as building strong narratives and utilizing social media platforms, as well as developing tourism products that prioritize authentic experiences, are also vital to maintaining destination competitiveness.

In conclusion, revitalizing coastal batik heritage through sustainable tourism development in Central Java requires a holistic, adaptive, and sustainable approach. Policy implications emerging from the findings of this study include the development of an integrated cultural tourism master plan, investment in artisan regeneration programs that appeal to the younger generation, strengthening digital marketing strategies that highlight the uniqueness of each batik center, and developing standards and certifications to maintain the authenticity and quality of batik. By proactively addressing these challenges and capitalizing on existing opportunities, coastal batik can not only survive as a valuable intangible cultural heritage but also develop into a sustainable and inclusive economic driver, providing long-term benefits to the people of Central Java. This study contributes to the literature by providing in-depth insights into the complexities and potential of integrating intangible cultural heritage with sustainable tourism, particularly in the regional context of Indonesia, which is rich in tradition and cultural diversity.

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