# SUSTAINABLE TOURISM DEVELOPMENT MODEL BASED ON NEWA FOR TOURISM VILLAGES IN BADUNG REGENCY

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#### **ABSTRACT**

The tourism industry in Badung Regency has grown and developed very rapidly. However, this rapid progress is also accompanied by problems in the form of disparities in tourism development between regions and the emergence of overtourism phenomena. South Badung has advanced significantly in tourism infrastructure and facilities, whereas North Badung, which is rich in natural and cultural potential, still lags behind in tourism management. To prevent the widening gap in tourism development, a tourism development model oriented towards sustainable tourism is required, with a focus on the tourism villages in North Badung. One model projected to become a trend in future sustainable tourism is the Nature, Ecotourism, Wellness, and Adventure (NEWA) Tourism concept. This study aims to develop a sustainable tourism development model based on NEWA for tourism villages in Badung Regency. The study was conducted in 17 tourism villages in Badung Regency using a qualitative approach through document studies, observation, interviews, and focused group discussions. The data analysis methods used include descriptive analysis, SWOT, AHP, and QSPM. The results indicate that tourism villages in North Badung have diverse potential to be further developed based on NEWA Tourism. This study produces several sustainable tourism development models for tourism villages, namely: 1) a tourism village development model focusing on three main pillars: institutional strengthening, infrastructure improvement, and community participation; 2) a NEWA tourism product development model emphasizing inter-village collaboration and tourism product differentiation; and 3) a promotion development model highlighting the use of digital technology to expand market reach..

Keywords: Badung, NEWA, sustainable tourism, tourism village

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### INTRODUCTION

Tourism has become a fundamental human need in the modern era, leading to rapid global tourism growth, including in Bali as Indonesia's leading culture-based destination. Badung Regency, serving as Bali's main international gateway, positions tourism as strategic sector a significantly contributes to regional economic growth. Statistical data from 2021-2023 show a consistent increase in the contribution of the accommodation and food and beverage sectors to the GRDP of Badung Regency, reinforcing tourism's role as the economic locomotive of the region.

Despite this progress, Badung Regency faces two major development challenges: the widening disparity between the rapidly developing South Badung and the more agrarian North Badung, and the emergence of overtourism, especially after the COVID-19 pandemic. South Badung's supported dominance is by major infrastructures such as I Gusti Ngurah Rai International Airport, ITDC Nusa Dua, and the Bali Mandara Toll Road, while North Badung—characterized by agricultural areas and water catchment zones—develops prioritize more slowly and must environmental conservation in its tourism development strategy.

Since 2010, the Badung Government has promoted tourism village development as a strategy to empower local communities and balance regional progress. Although the number of officially designated tourism villages has increased to 17 across three districts, their development has not yet reached optimal performance, as reflected in the absence of any Badung tourism village in the 2023 Indonesian Village Tourism Award (ADWI). Strengthening the concept of tourism villages—emphasizing authenticity,

community involvement, local culture, and environmental conservation—is necessary to revitalize their competitiveness.

At the same time, the post-pandemic surge of tourist arrivals has resulted in both economic recovery and negative impacts, such as congestion and irresponsible tourist behavior. These conditions reinforce the urgency of adopting sustainable tourism approaches aligned with current tourism trends that prioritize environmental conservation, community welfare, and smaller-scale, high-quality experiences. The Ministry of Tourism and Creative Economy promotes the NEWA (Nature, Ecotourism, Wellness. Adventure) framework, reflecting the shift toward nature-based, eco-friendly, health-oriented, and adventure-focused tourism activities.

The NEWA concept is considered highly relevant for Badung, particularly for revitalizing tourism villages by leveraging cultural. and creative natural. potentials. Tourism villages developed under the NEWA framework are expected to enhance economic opportunities for local strengthen socio-cultural communities, preservation, and reduce tourism concentration in South Badung. In this context, NEWA offers a sustainable tourism development model suitable for addressing both regional disparities and overtourism challenges.

This study aims to develop a sustainable tourism development model based on the NEWA (Nature, Ecotourism, Wellness, and Adventure) framework for tourism villages in Badung Regency. Specifically, the study seeks to: (1) analyze the current condition and challenges of tourism village development in Badung; (2) identify the potential of tourism villages in relation to NEWA elements; and (3) formulate a strategic model that supports

equitable, sustainable, and communitybased tourism development across Badung Regency.

#### **METHOD**

This study was conducted in 17 tourism villages in Badung Regency, which were designated through Badung Regent Regulation No. 22 of 2021 as official tourism village areas. This research employs a qualitative approach, which, according to Creswell (2019), aims to explore and interpret the meanings constructed by individuals or groups regarding social or human problems. The study involved key stakeholders from all 17 villages, tourism including village governments, tourism awareness groups (Pokdarwis), village-owned enterprises (BUMDes), local tourism entrepreneurs (such as accommodation managers, tour guides, and culinary business owners), community leaders, and representatives of traditional institutions. Α tota1 approximately 50-70 respondents were selected through purposive sampling and engaged through in-depth interviews and focus group discussions (FGDs) at both village and regency levels.

The research was carried out in several systematic stages to ensure comprehensive analysis. The first stage involved identifying the NEWA potentials through field observations, document reviews, and preliminary interviews to map the Nature, Ecotourism, Wellness, and Adventure attributes present in each tourism village. The second stage consisted analyzing internal and external environmental factors using the Internal Factor Evaluation (IFE) and External Factor Evaluation (EFE) matrices. Data obtained from observations, interviews, and FGDs were processed to assign weights and

ratings to key strategic factors reflecting the strengths, weaknesses, opportunities, and threats in the development of tourism villages.

The next stage applied SWOT analysis by integrating IFE and EFE results to formulate S-O, W-O, S-T, and W-T strategies as a foundation for designing a sustainable tourism development model. Subsequently, the Analytic Hierarchy Process (AHP) was used to determine the priority weights of internal and external factors based on pairwise comparisons conducted by experts and stakeholders. The process continued with the Quantitative Strategic Planning Matrix (QSPM), which assessed the relative attractiveness of each SWOT-derived strategy. Total Attractive Scores (TAS) were calculated using AHP weights and stakeholder evaluations, resulting in the prioritization of primary, secondary, and tertiary strategies.

The variables and indicators examined in this study cover the core components of tourism destinations, commonly known as framework: the Attraction. Accessibility, Amenity, and Ancillary. The Attraction aspect includes documentation description of tourism objects; Accessibility encompasses road quality, directional signage, transportation availability, basic utilities (electricity and water), digital connectivity, information centers. The Amenity aspect covers accommodation, restaurants or food stalls, convenience stores, souvenir shops, travel agencies, and health facilities. Meanwhile, Ancillary refers to supporting

institutions, stakeholder commitment, and coordination mechanisms.

Internal factors assessed in the analysis comprise natural resources, human resources, infrastructure and facilities, local culture and traditions, and institutional capacity. Natural resources include the landscape and environmental potentials of each village. Human resource indicators cover local knowledge, awareness, skills, motivation, and guiding services. facility Infrastructure and indicators involve accommodation, dining facilities, health services, travel agents, road access, transportation, utilities, public access, and information centers. Local culture and traditions include cultural heritage, local products, and culinary Institutional identity. factors involve commitment, coordination. budget allocation, promotional strategies, operational standards.

External factors examined in the study include regulatory frameworks, government support, market and tourism demand trends, competition with tourism villages in surrounding regions, economic conditions, socio-environmental and aspects such as community participation and ecological sustainability. Additional external elements include technological advancements, innovation, and global health trends that influence tourist behavior and expectations, particularly regarding health and safety considerations in tourism activities. These factors collectively inform the opportunities and challenges that shape NEWA-based tourism village development in Badung Regency.

Data were collected using document studies, direct observations, interviews, and FGDs. The data analysis techniques employed include qualitative descriptive analysis, internal and external environmental assessment, SWOT analysis, AHP, and QSPM. These combined analytical methods were used to address the research problems and generate a strategic and comprehensive model for developing NEWA-based sustainable tourism villages in Badung Regency.

### RESULT AND DISCUSSION

- 1) Potentials in Each Tourism Village The inventory identified 52 nature and 54 ecotourism attractions across the 17 tourism villages, with nature sites concentrated in Belok Sidan and Penarungan ecotourism led by Bongkasa Pertiwi (six sites) followed by Petang, Carangsari, Bongkasa, Sangeh, and Mengwi (four sites each). Wellness tourism comprises 28 attractions, mainly found in Sangeh, Kuwum, Sobangan, Penarungan, and Cemagi with three sites each. Adventure tourism includes 45 attractions, dominated by Petang and Bongkasa Pertiwi (seven sites each), followed by Cemagi (five) and Carangsari and Penarungan (four sites each). These patterns show that nature and ecotourism the dominant are strengths, while wellness adventure potentials are present but require strategic development across villages.
- 2) Internal-External (IE) Matrix Analysis

The Internal Factor Evaluation (IFE) matrix is used to analyze internal factors that influence the development of NEWA-based tourism in the tourism villages of Badung Regency. In this context, the IFE helps to identify strengths and weaknesses, providing an assessment of factors that can support or hinder sustainable tourism development.

Table 1. IFE Matrix of Tourism Villages in Badung

	Internal	Description	AHP	Rating	IFE		
Factors		Description	Weight	ruung	Score		
	Natural	S1.Potential natural beauty	0.319	3.15	1.01		
Strength	Resources	Ž					
	HR	S2.Local community awareness	0.047	3.18	0.15		
	Infrastructure	S3.Condition of health facilities	0.014	3.41	0.05		
	and Facilities	S4. Condition of road access to the village	0.015	3.35	0.05		
štre		S5.Basic facility conditions	0.016	3.47	0.05		
<b>9</b> 1		S6. Access to digital technology	0.008	3.26	0.03		
	Local	S7.Local cultural richness	0.099	3.15	0.31		
	Culture and Traditions	S8.Local culinary specialties	0.017	3.29	0.06		
	HR	W1.Local community knowledge	0.016	2.88	0.05		
		W2.Local community skills	0.019	3.09	0.06		
		W3.Tour guide services	0.033	2.48	0.08		
		W4.Local community interest	0.041	3.03	0.12		
	Infrastructure	W5.Accommodation availability	0.006	2.71	0.02		
	and Facilities	W6.Availability of dining places	0.005	3.00	0.02		
		W7.The Existence of Travel	0.010	2.00	0.02		
		Agents					
		W8.Availability of public	0.004	1.54	0.01		
ess		transportation WO Clarity of directions	0.003	2.71	0.01		
akn		W9.Clarity of directions W10.Tourist Information Center	$\frac{0.003}{0.007}$				
Weakness		Availability	0.007	2.09	0.02		
	Local Culture and Traditions	W11.Local specialty products	0.029	2.88	0.08		
	Institutional	W12.Institutional commitment	0.077	2.79	0.22		
		W13.Inter-agency coordination	0.107	2.50	0.27		
		W14.Budget availability	0.020	2.64	0.05		
		W15.Effectiveness of	0.047	2.61	0.12		
		promotional strategies					
		W16.service SOP	0.041	2.58	0.11		
		Total	1.00		2.94		
Information:							
Score 1: major weakness Score 3: minor strength							
Score 2: minor weakness Score 4: Major power							

Source: Data processed by the author, 2025

The Internal Factor Evaluation (IFE) Matrix produced a total weighted score of 2.94, indicating that the tourism villages Badung Regency possess moderate internal capabilities, where strengths slightly exceed weaknesses. This score places the villages in a position where internal conditions are supportive yet still constrained by several structural limitations.

The strongest contributing factor is natural resource potential (S1), which holds the highest AHP weight (0.319) and a strong rating (3.15). This suggests that the villages' primary competitive advantage lies in their rich natural landscapes, scenic beauty, and environmental assets elements that align well with the NEWA framework, especially Nature and Ecotourism. Local cultural richness (S7) also demonstrates a substantial contribution, emphasizing strong cultural identity and traditional practices that strengthen the uniqueness and authenticity of the tourism village experience.

On the other hand, several weaknesses weaken the overall internal foundation. The most critical weaknesses are associated with institutional coordination (W13)institutional and commitment (W12), which both have high significance weights but low ratings. This indicates that governance, inter-agency collaboration. institutional and readiness remain major bottlenecks

in tourism village development. Weak performance in tour guide services (W3), community skills (W2), and limited availability of public transportation (W8) also challenges in human highlight capacity and tourism resource infrastructure, which support influence visitor directly satisfaction and operational efficiency.

The overall distribution of strengths and weaknesses suggests that while Badung's tourism villages are endowed with strong natural and cultural assets, these strengths are not yet fully optimized due to institutional limitations, uneven accessibility, underdeveloped tourism services. Strengthening institutional frameworks, improving governance mechanisms, enhancing HR capability, and upgrading supporting facilities are therefore essential strategies to ensure that the villages can fully leverage their strengths within the NEWA-based sustainable tourism development model.

The External Factor Evaluation (EFE) matrix is used to evaluate external factors influence the development NEWA-based tourism in Badung tourism villages. These external factors include opportunities and threats, helping to identify the extent to which tourism villages can respond to external opportunities and overcome potential threats.

Table 2. EFE Matrix of Tourism Villages in Badung

	Table 2. EFE Matrix of Tourism Villages in Badung  External Description AHP Rating EFF						
	External	Description					
	Factors		Weight		Score		
	Policies and	O1. Adequate regulations support the	0.023	4	0.091		
	Regulations	development of tourist villages.					
		O2. Good coordination between district and	0.023	4	0.091		
		provincial governments strengthens the					
		development of tourist villages.					
	Government	O3. Policies and regulations from the central	0.015	3	0.046		
	Support	government accelerate the development					
	Support	of tourist villages.					
		O4. Technical assistance and funding from	0.015	3	0.046		
		the provincial government supports the	0.013	3	0.040		
		development of tourist villages.	0.015	4	0.062		
		O5. The Badung Regency Government	0.015	4	0.062		
		supports the development of facilities,					
		infrastructure, and human resources in					
		tourist villages.					
		O6. Effective promotions attract tourists to	0.015	4	0.062		
		tourist villages.					
		O7. Access to financing makes it easier for	0.015	3	0.046		
		tourist villages to develop facilities.					
		O8. Collaboration between OPD and the	0.015	4	0.062		
<b>9</b>		private sector strengthens the sustainable					
Ĭ		development of tourist villages.					
Ĕ	Market Trends	O9. High tourist interest increases visits and	0.047	3	0.140		
Opportunities	and Tourism	income to tourist villages.	***	_			
	Demand	O10. New trends provide opportunities for	0.047	4	0.187		
	Demana	innovation in community-based tourism	0.017	'	0.107		
		and agrotourism products.					
	Social &		0.060	1	0.274		
		O11. Controlled development preserves the	0.069	4	0.274		
	Environmental	local environment and culture.					
	Factors						
	Technology	O12. Technology opens up opportunities for	0.039	3	0.117		
	and Innovation	innovation in tourism marketing and					
		services.					
		O13. Adaptation of technology increases the	0.039	3	0.117		
		efficiency and competitiveness of tourist					
		villages.					
		O14. Green technology strengthens the	0.039	3	0.117		
		position of tourist villages as sustainable					
		destinations.					
	Changing	O15. The wellness trend opens up	0.032	3	0.095		
	Health Trends	opportunities for health and wellness		-			
	Trouble Trouds	tourism.					
		O16. Tourist villages that are ready with	0.032	3	0.095		
			0.032	3	0.093		
		health trends attract health-conscious					
		tourists.					

Skor Bobot Total IFE           Kuat (3,0-4,0)         Sedang (2,0-3,0)         Lemah (1,0-2,0)									
	Policies and Regulations	T 1 4,00 3,00 2,00 1,00	0.023	2	0.046				
		T T of the state o	0.023	2	0.046				
	Government	T: 4 (Harvest and Divest) (Harvest) (Divest and Liquidate)	0.015	2	0.031				
	Support	the motivation to develop tourist villages.	the motivation to develop tourist villages.						
	Market Trends and Tourism Demand	T4. The inability to adapt to market trends 0.047 2 0.09 threatens the attractiveness of tourist villages.							
	Competition with Other	T5. Low competition with other districts opens up opportunities for collaboration.	0.022	2	0.043				
	Destinations	T6. Lack of preparedness to face competition reduces the attractiveness of tourist villages.	0.022	2	0.043				
Threats		T7. Low community support hampers the development of tourist villages.	0.022	1	0.022				
L	Economic Factors	T8. Uneven economic growth gives rise to public dissatisfaction.	0.059	2	0.119				
		T9. The weak economic contribution of tourist villages reduces government support.	0.059	2	0.119				
		T10. The weak economic contribution of tourist villages threatens the support of local communities.	0.059	1	0.059				
	Social & Environmental	T11. Overcrowding threatens the environment and social balance.	0.069	1	0.069				
	Factors	T12. Low community participation hinders 0.069 2 0.13 the sustainability of tourism development.							
	Changing Health Trends	T13. The slow adaptation of health trends threatens the attractiveness of tourist villages.	0.032	2	0.063				
Total			1.00		2.54				
Info	mation:		<u> </u>						
Score 1: major threat Score 3: Minor opportunity									
Score 2: minor threat Score 4: Major opportunity									

Source: Data processed by the author, 2025

The IE Matrix combines the results of IFE and EFE analyses to determine the strategic position of tourism villages in Badung Regency across nine strategic quadrants, which represent overall internal and external conditions.

Figure 1. IE Matrix of Tourism Villages in Badung Regency

In the context of NEWA-based tourism development, the tourism villages in Badung Regency are positioned in Quadrant V (Hold & Maintain), indicating that the villages have moderate internal capabilities with moderate external conditions.

## 3) SWOT Analysis

Based on the integration of internal and external factors through the IFE, EFE, and IE matrices, the SWOT analysis generated four groups of strategies for developing NEWA-based tourism in the tourism villages of Badung Regency. The S–O strategies focus on using existing strengths to capitalize opportunities, on including leveraging digital technology for promotion, developing local culinary products, advancing quality- and culturebased tourism, integrating BUMDes into the creative economy and digitalization efforts, linking tourism villages with thematic tourism routes through travel agents, and developing integrated geography-based tour packages. The W–O strategies aim to overcome internal weaknesses by utilizing external opportunities, such as implementing community training programs in sustainable tourism, strengthening cooperation among village tourism institutions, developing quantitative databases and tourism information systems, improving accommodation and tourist information facilities. forming inter-village alliances, integrated inter-village creating tourism programs, and collaborating with public works agencies to enhance accessibility.

The S-T strategies use internal strengths to address external threats include developing and environmental sustainability regulations and campaigns, ensuring compliance with regulations and licensing, creating unique and competitive tourism products, and providing healthrelated facilities in alignment with current tourism trends. Meanwhile, the W-T strategies focus on minimizing weaknesses to mitigate threats by strengthening digital promotion and financial management, improving stakeholder involvement in tourism village development, establishing professional tourism service SOPs, and forming professional tourism management teams. Collectively, these four sets of strategies provide a comprehensive and balanced framework for guiding sustainable NEWA-based tourism development across the tourism villages of Badung Regency.

# 4) Quantitative Strategic Planning Matrix (QSPM) Analysis

QSPM is a tool used to prioritize alternative strategies based on their relative attractiveness to the strategic factors identified through SWOT analysis. In the QSPM matrix, strategies are derived from the SWOT analysis. Weight values are obtained from the AHP

method performed in the IFE and EFE stages, while the Attractiveness Score (AS) is filled out via questionnaires from stakeholders. The Total Attractiveness Score

(TAS) is calculated by multiplying the weight by the AS value. The strategy with the highest TAS is then selected as the top priority:

Table 3. Total Attractive Score (TAS) for Each Strategy

	Table 5. Total Attractive Score (TAS) for Each Strategy						
Rank		Strategy and Description	BAG	Priority			
1	ST.3	Developing unique and competitive tourism	5,402	Primary			
		products		Strategy			
2	SO.6	Integrated tour packages based on geography	4,982	_			
3	SO.5	Integration of tourist villages with thematic tourist	4,800				
		routes through travel agents		_			
4	ST.1	Develop environmental sustainability regulations	4,362				
		and campaigns		_			
5	WO.6	Development of integrated tourism programs	4,335				
		between villages		_			
6	WO.5	Forming a tourism village alliance for mutual	4,077				
		synergy		_			
7	WO.2	Strengthening cooperation between village tourism	4,013				
		institutions					
8	WO.7	Collaboration with PUPR and increasing	3,964	Supporting			
		accessibility		Strategy			
9	ST.2	Ensuring compliance with regulations and legality	3,952	(Secondary)			
		of permits		_			
10	WT.1	Digital promotion and effective financial	3,896				
		management		_			
11	WT.3	Developing professional tourism service SOPs	3,885	_			
12	WT.2	Strengthening stakeholder involvement in tourism	3,873				
		village development		_			
13	SO.3	Tourism development based on quality and socio-	3,773				
		cultural sustainability		_			
14	WT.4	Forming a professional tourism management team	3,740				
15	ST.4	Providing health facilities according to tourism	3,494	Additional			
		trends		(Tertiary)			
16	WO.3	Compilation of quantitative database and	3,433	Strategies			
		information system for tourist villages		-			
17	SO.1	Leveraging digital technology for promotion	3,215	-			
18	SO.4	Integration of BUMDES in the creative economy	3,206				
		and digitalization of tourist villages		_			
19	WO.1	Community training for sustainable tourism	3.135	_			
20	SO.2	Developing local culinary as an attraction	3.102	_			
21	WO.4	Improve accommodation facilities and tourist	2,943				
		information					

Source: Data processed by the author, 2025

QSPM ranks strategies based on their priority, but all

strategies can still be implemented at different levels of priority. Based on the TAS ranking, the 21 strategies are divided into three groups: the top 7 strategies with the highest TAS are primary strategies, the next 7 strategies are secondary strategies, and the 7 strategies with the lowest TAS are tertiary strategies. The explanation is as follows:

- 1. Secondary strategies supporting strategies that should be implemented by tourism villages. Although they are not as urgent as primary strategies, they play an important role in strengthening and enhancing various aspects tourism management. Their implementation helps accelerate the growth of tourism villages and increase competitiveness.
- 2. Tertiary strategies are additional strategies whose implementation can be adjusted according to the specific needs and unique conditions of each tourism village. They provide flexibility for villages to choose implementations that align with local potential and available resources. **Tertiary** strategies can be executed if deemed beneficial, but they are not required to be applied universally.

## Sustainable Tourism Development Model Based on NEWA

The sustainable tourism development model based on NEWA for tourism villages in Badung Regency is formulated from analyses of each village's potential, internal and external factors, as well as SWOT and QSPM results. The model consists of three main components. The first is the Tourism Village Development Model, which includes strategies such as strengthening interinstitutional cooperation through Integrated Coordination Forum, forming alliances among tourism villages, and professional establishing tourism management teams. Other strategies emphasize stakeholder engagement, regulatory compliance, and effective financial management to ensure transparent governance and community empowerment. Additionally, integrating BUMDes into creative economy and digitalization, as well as community training for sustainable tourism, further supports the inclusive and environmentally responsible growth of tourism villages.

The second component, the Sustainable **NEWA** Tourism Product Development Model, focuses developing integrated and thematic tourism routes, environmental conservation campaigns, and unique, competitive tourism products. Strategies highlight synergy between villages based on their status and geographical characteristics, promoting qualityand culture-based tourism, accessibility improvements, and professional service standards. Villages are also encouraged to develop local culinary attractions, accommodation, and information facilities aligned with sustainable tourism principles. Furthermore, health facilities and wellnessbased programs are promoted in line with global tourism trends. The third component, Promotion Development Model, emphasizes the use of digital technology for marketing and the establishment of a village information tourism system database. These strategies aim to enhance visibility, strengthen data-driven planning, and ensure the long-term sustainability and competitiveness of tourism villages in Badung Regency.

## **CONCLUSION**

This study examined the current conditions, NEWA-related potentials, and strategic options for developing sustainable tourism in 17 designated tourism villages in Badung Regency. The findings indicate that the villages possess abundant natural and cultural assets particularly strong potential for Nature and Ecotourism while wellness and adventure offerings are present but less evenly distributed. Internally, institutional managerial coordination, commitment, human resources (guide services and community skills), and certain tourism support facilities remain the primary constraints. Externally, favorable policy frameworks, growing market demand for nature-and-wellness oriented experiences, and technological opportunities provide important enablers, whereas risks include infrastructure gaps, limited local readiness, and potential localized overtourism.

Synthesizing IFE, EFE, SWOT, AHP, and QSPM results, the study proposes a three-pillar NEWA-based development Village Development model: (1) institutional strengthening, inter-village alliances, and capacity building; (2) NEWA Product Development differentiated, geography-based and conservation-oriented product packages that leverage village complementarities; and (3) Promotion & Digitalization a tourism-village information system and targeted digital marketing to expand market reach and manage visitor flows. QSPM prioritization identifies product differentiation, integrated tour packages, regulatory and environmental safeguards, and inter-village programs as the primary strategies to implement.

Policy implications are clear: moderate, targeted investments in governance, human capital, and connectivity combined with coordinated digital promotion and ecological safeguards will allow villages to translate their natural

and cultural strengths into sustainable NEWA tourism without encouraging massification. Future research should evaluate the model's implementation through pilot programs and quantify socioeconomic and environmental impacts over time.

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