

# Assessing the Potential of Public Private Partnership's for Hospitality Development in Oman

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## Abstract

Oman's Vision 2040 describes a strategic framework for the nation's economic diversification, with the objective of diminishing reliance on hydrocarbons by advocating for sustainable advancement in non-oil industries, with a particular emphasis on tourism. This Vision outlines high-reaching targets for the tourism sector, aiming to raise its GDP input from 2.4% in 2021 to 10% by 2040. Furthermore, the Sultanate aims to attract 11 million tourists annually by 2040, bolstered by substantial investments amounting to \$31 billion in tourism-related initiatives and infrastructure enhancement, encompassing integrated tourism complexes and environmentally sustainable resorts (Jones Lang LaSalle, 2024; Muscat Daily, 2023).

The hospitality industry is pivotal in realizing these aspirations, registering consistent growth alongside significant advancements in hotel revenues and tourist arrival. In 2022, the earnings of hotels escalated by an impressive 27% in comparison to the prior year. Even with these developments, the field contends with obstacles including limited participation from private stakeholders and inadequate application of PPPs. Worldwide, PPPs have proven to be significant in enhancing innovation, facilitating infrastructure advancements, and drawing private investments in tourism. Nonetheless, Oman's hospitality sector predominantly depends on public financing and encounters regulatory obstacles that obstruct the full realization of PPPs (Ministry of Heritage and Tourism, 2023; Jones Lang LaSalle, 2024).

This paper investigates the present condition of Oman's hospitality sector, emphasizing the potential of PPPs as a transformative instrument for attaining the ambitious objectives outlined in Vision 2040. By addressing the prospects and challenges related to PPPs, this research aims to provide actionable recommendations to enhance the sector's growth trajectory and its global competitive standing.



## 1. Introduction

Oman's Vision 2040 describes a strategic framework for the nation's economic diversification, with the objective of diminishing reliance on hydrocarbons by advocating for sustainable advancement in non-oil industries, with a particular emphasis on tourism. This Vision outlines high-reaching targets for the tourism sector, aiming to raise its GDP input from 2.4% in 2021 to 10% by 2040. Furthermore, the Sultanate aims to attract 11 million tourists annually by 2040, bolstered by substantial investments amounting to \$31 billion in tourism-related initiatives and infrastructure enhancement, encompassing integrated tourism complexes and environmentally sustainable resorts (Jones Lang LaSalle, 2024; Muscat Daily, 2023).

The hospitality industry is pivotal in realizing these aspirations, registering consistent growth alongside significant advancements in hotel revenues and tourist arrival. In 2022, the earnings of hotels escalated by an impressive 27% in comparison to the prior year. Even with these developments, the field contends with obstacles including limited participation from private stakeholders and inadequate application of PPPs. Worldwide, PPPs have proven to be significant in enhancing innovation, facilitating infrastructure advancements, and drawing private investments in tourism. Nonetheless, Oman's hospitality sector predominantly depends on public financing and encounters regulatory obstacles that obstruct the full realization of PPPs (Ministry of Heritage and Tourism, 2023; Jones Lang LaSalle, 2024).

This paper investigates the present condition of Oman's hospitality sector, emphasizing the potential of PPPs as a transformative instrument for attaining the ambitious objectives outlined in Vision 2040. By addressing the prospects and challenges related to PPPs, this research aims to provide actionable recommendations to enhance the sector's growth trajectory and its global competitive standing.

### *1.1 Research Problem*

Oman's Vision 2040 highlights the critical role of economic diversification, identifying tourism and hospitality as pivotal sectors for achieving sustainable growth (Ministry of Heritage and Tourism, 2023; Jones Lang LaSalle, 2024). Despite the proven global success of public-private partnerships (PPPs) in addressing resource constraints, driving innovation, and enabling sustainable infrastructure development, there is a notable lack of research exploring their potential in Oman's tourism industry (World Bank, 2021). While countries such as the UAE and Saudi Arabia have effectively leveraged PPPs to transform their tourism ecosystems, Oman's adoption of similar frameworks remains limited and underexplored (UNWTO, 2022). This restricts the sector's ability to attract private investment and enhance regional competitiveness, leaving substantial opportunities untapped.



Furthermore, existing scholarly literature primarily examines PPP models in established tourism markets across Europe, Asia, and Africa, offering limited insights into Oman's unique socio-economic, cultural, and policy context (UNWTO, 2022). Given Vision 2040's ambitious targets—such as increasing tourism's contribution to GDP from 2.4% in 2021 to 10% by 2040 and attracting 11 million tourists annually—there is an urgent need to address deficiencies in infrastructure, service quality, and investment within the hospitality domain (Ministry of Heritage and Tourism, 2023). A systematic investigation into how PPPs can align with Oman's strategic goals is essential to fill this critical research gap, guide policy formulation, attract private capital, and unlock the sector's full potential.

### *1.2 Objectives*

- Explore the role of PPPs in enhancing Oman's tourism infrastructure.
- Assess feasibility and identify criteria critical to PPP success.
- Propose strategies to overcome challenges and align stakeholders.

### *1.3 Significance of the Study*

This research bears considerable significance for the Sultanate of Oman's endeavors to realize its strategic economic objectives as outlined in Vision 2040. In probing into the potentials linked to public-private partnerships (PPPs) in the realm of tourism and hospitality, this work serves as a meaningful addition to the national economic diversification goals. It points out the critical demand for inventive, sustainable, and resource-effective methods in infrastructure growth, which are fundamental for elevating the tourism sector's input to Oman's GDP and for creating job chances.

Lastly, the examination grants key insights to those making policies by detailing the promoters and detractors of implementing PPPs in Oman's tourism sector, thus supplying realistic suggestions to improve regulatory conditions and foster a welcoming investment environment. For prospective investors, the research explains the innumerable opportunities present within Oman's tourism industry, exemplifying how PPPs can create viable projects characterized by shared risks and mutual benefits. Additionally, this scholarly work enhances academic discourse by addressing a knowledge deficit regarding PPP implementation in emerging markets, serving as a crucial reference for scholars and practitioners engaged in the interplay of public policy, private investment, and sustainable development. Ultimately, this study aspires to integrate theoretical frameworks with practical applications, thereby fostering significant transformation in Oman's hospitality sector.

## **2. Literature Review**



## *2.1 Theoretical Background*

To position the research within a solid theoretical structure, this inquiry adopts Stakeholder Theory and Destination Competitiveness Theory as the core perspectives for evaluating the influence of Public-Private Partnerships (PPPs) on the advancement of Oman's tourism sector. Stakeholder Theory, as articulated by Freeman (1984), underscores the necessity of reconciling the diverse interests of various stakeholders involved in developmental initiatives. In the specific milieu of Oman, this theoretical perspective forms the basis for the collaborative efforts among governmental entities, private sector investors, and local communities aimed at realizing sustainable tourism outcomes. By actively involving a spectrum of stakeholders, PPPs can cultivate reciprocal advantages, promote community cohesion, and ensure that the expansion of the tourism sector is in harmony with national development objectives. Furthermore, Destination Competitiveness Theory, conceptualized by Dwyer and Kim (2003), accentuates the critical roles of infrastructure, tourism product innovation, and marketing strategies in augmenting a destination's attractiveness. This theoretical construct substantiates the premise that strategic investments in domains such as technology, sustainability, and marketing through PPPs have the potential to markedly elevate Oman's competitiveness in the global tourism arena. Collectively, these theoretical frameworks offer a nuanced perspective for comprehending how PPPs can effectively reconcile Oman's tourism ambitions with its economic diversification objectives articulated in Vision 2040.

Public-Private Partnerships (PPPs) involve joint ventures between public entities and private firms aimed at financing, constructing, and operating initiatives that fulfill societal demands. Within the tourism sector, PPPs are progressively acknowledged as integral to promoting economic expansion and the enhancement of infrastructure. A publication from the International Finance Corporation (IFC) highlights that tourism-related public-private partnerships are key to remedying infrastructure shortfalls, encouraging investments from private entities, and stimulating local economies by developing top-tier hotels and retail spaces. Such developments contribute significantly to employment opportunities and economic diversification, particularly within economically disadvantaged regions (IFC, 2023).

The significance of PPPs resides in their capacity to harness private funding and specialized knowledge while maintaining oversight from the public sector. The World Bank's analysis highlights how effectively organized public-private partnerships can enable locations to rejuvenate their infrastructure, such as transport networks and accommodation services, thereby enhancing their edge in global tourism arenas (World Bank, 2021). The COVID-19 pandemic has further underscored the critical role of PPPs in the regeneration of tourism sectors, as these alliances offer innovative financial solutions to surmount fiscal limitations (Tourism Insider, 2023).



Furthermore, PPPs are vital for the attainment of sustainability objectives within the tourism arena. The Griffith Institute for Tourism and UNWTO (2020) highlighted how effectively coordinated partnerships can align the aspirations of stakeholders with sustainable development methodologies, encompassing eco-tourism initiatives and community-driven projects. These collaborations promote inclusivity and guarantee the fair allocation of tourism's economic advantages.

In conclusion, contemporary literature substantiates that PPPs are instrumental in the economic and infrastructural transformation of the tourism industry, thereby providing a strategic pathway for the realization of enduring development and sustainability objectives.

## *2.2 Reviews from past studies*

### *Global*

Public-private collaborations are key to driving hotel advancements and encouraging sustainable tourism through the fusion of public assets and private sector knowledge. Nelson and deRoos (2018) conduct an analysis of data concerning public financial assistance for hotel development in the United States, advocating for a comprehensive protocol for the evaluation of such subsidies by regulatory bodies. Pierce (2015) elucidates the manner in which PPPs facilitate the expansion of hospitality infrastructure, accentuating their capacity to mitigate resource deficiencies. Smith (2011) investigates the influence of PPPs in the advancement of sustainable tourism, concentrating on the economic and environmental objectives attained through cooperative initiatives. Likewise, Hospitality Lawyer (2014) scrutinizes the potential of PPPs to rejuvenate urban areas and improve tourism infrastructure within the hospitality sector. The World Bank (n.d.) offers an extensive compendium of legal frameworks, instruments, and scholarly articles that emphasize the critical role of PPPs in the advancement of the hospitality and tourism industries. Collectively, these scholarly works highlight the transformative capabilities of PPPs in the cultivation of a prosperous and sustainable hospitality environment.

### *Gulf Cooperation Council (GCC)*

Public-private collaborations have surfaced as a crucial force for economic growth and infrastructure improvement throughout the Gulf Cooperation Council territory. Since the 1990s, the historical trajectory of PPPs in the GCC has been influenced by policy deliberations and execution frameworks, as delineated by Public Works Management & Policy (2023). Deloitte Middle East (2023) elucidates the financial and commercial advantages of PPPs, including the attraction of private investment, risk mitigation, and the provision of essential infrastructure in sectors such as energy, healthcare, and transportation. PwC Middle East (2023) underscores Qatar's emphasis on PPPs within the domains of education, healthcare, and hospitality, particularly in anticipation of the projected



growth in tourism following the FIFA World Cup. Chambers Expert Focus (2023) investigates the regulatory transformations and economic strategies in Saudi Arabia and the UAE, which cultivate environments that are amenable to PPPs. Furthermore, HVS Middle East (2023) examines the region's strategic master plans and reforms, illustrating a burgeoning enthusiasm for hospitality investment that aligns with objectives of economic diversification. Collectively, these analyses signify the substantial contribution of PPPs in propelling development and growth throughout the GCC.

### *Sultanate of Oman*

Oman has accomplished impressive progress in employing public-private partnerships (PPPs) to facilitate economic diversification and advancement, predominantly in the tourism and hospitality fields. The enactment of Oman's PPP Law in 2019 has played a crucial role in enticing private sector investment, bolstered by regulatory frameworks that offer transparency and assurance to potential investors (Financier Worldwide, 2021; Trowers & Hamlin, 2020). The Ministry of Tourism has proactively cultivated strategic alliances to establish Oman as a formidable competitor in the global tourism marketplace (TTN Worldwide, 2019). These initiatives are congruent with Vision 2040, which prioritizes sustainable tourism and highlights the significance of PPPs in fulfilling these aspirations (JLL, 2023). In anticipation of future developments, the Omani government intends to execute 11 PPP projects in 2024, with a substantial number situated within the hospitality sector, to further enhance economic diversification (ZAWYA, 2024). Collectively, these undertakings underscore Oman's dedication to nurturing a collaborative framework that harmonizes economic advancement with sustainable practices.

### *2.3 Empirical Evidence*

#### *Kenya: Maasai Mara National Parks*

In Kenya, the Maasai Mara National Park has leveraged PPP models to foster sustainable tourism while conserving biodiversity. Public investments (15%) focus on regulatory frameworks and infrastructure, while private investors (20%) contribute through funding ecotourism lodges and operational efficiency. This collaboration has increased local tourism revenue by approximately 20% annually, supported by community participation and environmental conservation policies.

#### *Maldives: Luxury Resorts*

The Maldives has effectively executed Public-Private Partnerships (PPPs) to boost its upscale tourism industry. Public sector contributions (10%) predominantly govern sustainability measures, whereas private sector investments (40%) propel the advancement of luxury resorts. The tourism sector constitutes approximately 28%



of the Maldives' Gross Domestic Product (GDP), with these PPP initiatives achieving a harmonious equilibrium between environmental conservation and economic development.

#### *Jordan: Petra Tourism Development*

At the Petra site in Jordan, a PPP model has bolstered cultural preservation and improved infrastructure to handle growing visitor numbers. Public contributions (25%) support heritage conservation, and private investments (15%) fund tourism amenities. Visitor capacity increased by 15%, highlighting the importance of balancing cultural sensitivity with stakeholder collaboration.

#### *Spain: Barcelona Urban Tourism Model*

Barcelona's PPP model integrates urban regeneration with tourism infrastructure, increasing tourist inflows by 10%. Public contributions (20%) focus on city planning and public services, while private investments (25%) improve facilities and marketing. This initiative showcases the success of multi-stakeholder collaboration in revitalizing urban tourism.

#### *Singapore: Changi Airport Modernization*

Singapore's Changi Airport experienced considerable enhancement within a Public-Private Partnership (PPP) framework, wherein public and private investments, each representing 30%, collaboratively supported the expansion efforts. These strategic initiatives have established the airport as a prominent global aviation hub, underscoring the crucial importance of long-term strategic planning and targeted investment in tourism-related infrastructure.

#### *Australia: Eco-Tourism Lodges*

In Australia, eco-lodges developed under PPPs contribute to a 12% increase in eco-tourism. Public contributions (25%) emphasize environmental conservation policies, while private investments (30%) finance high-quality facilities. These efforts highlight the role of PPPs in supporting sustainable tourism.

#### *South Africa: Kruger National Park*

Kruger National Park in South Africa has embraced PPPs to align biodiversity conservation with tourism. Public investments (10%) focus on conservation policies, while private contributions (20%) fund tourism activities. Tourism revenues contribute 20% to operational budgets, showcasing a successful model for preserving ecosystems while fostering economic development.

#### *India: Kashi Vishwanath Corridor*



India's Kashi Vishwanath Corridor redevelopment is an example of PPP success in spiritual tourism. Public (20%) and private (20%) contributions have increased the corridor's pilgrim capacity by 30%. The initiative highlights the potential of cultural alignment and infrastructural upgrades in religious tourism.

#### *Croatia: Adriatic Tourism*

Croatia's coastal regeneration projects through PPPs have improved marina and hospitality infrastructure, boosting tourist numbers by 25%. Public contributions (20%) focus on marine ecosystem protection, while private investments (30%) develop high-quality facilities. These efforts showcase the synergy between environmental preservation and economic development.

#### *Mexico: Riviera Maya*

In Mexico's Riviera Maya, partnerships between the public and private sectors have notably fostered resort development, highlighting sustainability principles. Public sector investments, constituting 15% of the total, underpin essential infrastructure, whereas private sector contributions, amounting to 50%, are pivotal in driving the operational aspects of these resorts. Recognizing that tourism accounts for 8.5% of the national GDP, this particular model highlights the potential of PPPs to combine economic advancement with sustainable practices.

#### *Challenges and Risks in PPP Implementation*

1. *Risk Allocation Frameworks:* Studies suggest that imbalanced risk-sharing agreements often lead to project delays and cost overruns in PPP tourism projects (World Bank, 2021).
2. *Regulatory Barriers:* Inconsistent policies, especially in developing countries, hinder PPP efficiency in tourism infrastructure (Tourism Insider, 2023).
3. *Stakeholder Misalignment:* Challenges arise when public and private goals conflict, particularly in projects involving cultural heritage (UNWTO & Griffith Institute for Tourism, 2020).
4. *Financing Gaps:* Access to affordable credit remains a persistent challenge for PPPs in low-income nations (International Finance Corporation, 2023).
5. *Environmental Scrutiny:* PPPs focusing on eco-tourism often face criticism for insufficient environmental oversight (Griffith Institute for Tourism, 2020).
6. *Community Integration:* Limited community involvement can result in social resistance to PPP tourism initiatives (UNWTO, 2020).



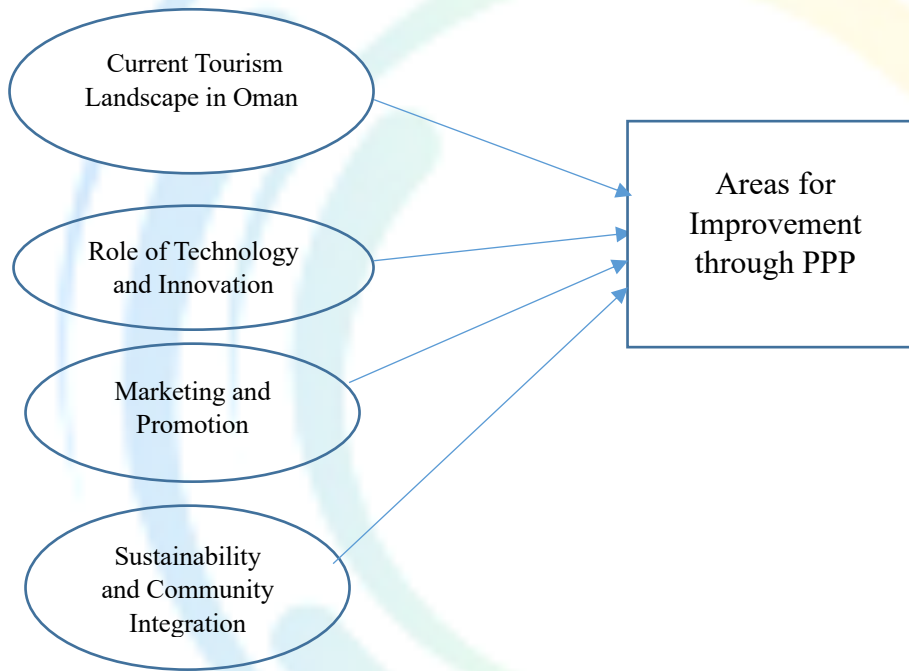
7. *Project Transparency*: Corruption and lack of clear accountability frameworks have undermined PPP projects in various regions (World Bank, 2021).

8. *COVID-19 Impact*: The pandemic disrupted many PPP agreements, exposing weaknesses in long-term resilience planning (Tourism Insider, 2023).

9. *Economic Viability*: Market fluctuations and low tourist inflow have rendered some PPP projects unviable (IFC, 2023).

10. *Cultural Sensitivity*: Over-commercialization in PPP projects can lead to the erosion of local cultures (UNWTO, 2022).

### Conceptual Framework



### 3. Research Methodology

This study adopts a mixed-methods approach, combining quantitative and qualitative data to comprehensively assess the potential of Public-Private Partnerships (PPPs) for hospitality development in Oman. The methodology is structured as follows:



### 3.1 Data Collection

*Primary Data:* A structured questionnaire was distributed to stakeholders, including government officials, private investors, students and hospitality industry professionals in Oman. The survey aimed to identify critical success factors, challenges, and perceptions regarding PPPs in the hospitality sector.

*Secondary Data:* Relevant documents, such as government policies, Vision 2040 reports, and international PPP case studies, were analyzed. Published articles from reputed journals provided additional insights into global best practices.

### 3.2 Sampling and Respondents

The study employed purposive sampling to target respondents (stakeholders) with direct experience or knowledge of PPPs and the hospitality industry. A sample of 104 participants was surveyed.

### 3.3 Data Analysis

*Quantitative Analysis:* Ensuring the outcomes of a quantitative research are both credible and applicable to a wider audience hinges on the choice of an appropriate sample. A meticulously delineated sample facilitates the systematic investigation of relationships among variables, rigorous testing of hypotheses, and the extraction of substantive insights through statistical methodologies. A representative sample diminishes biases, augments the validity of results, and establishes a robust framework for sound conclusions. This element is of utmost relevance in analyses focused on the results of public-private partnerships (PPPs) for the expansion of the tourism and hospitality sectors. By concentrating on a targeted yet heterogeneous population, the research guarantees a comprehensive representation of pertinent perspectives while upholding the practicality and feasibility of data collection procedures.

Responses from the questionnaire were analyzed using statistical tools, including descriptive statistics and inferential techniques. SPSS software was employed to identify trends and correlations, such as the relationship between current tourism landscape, Role of Technology and Innovation, Marketing and Promotion, Sustainability and Community Integration and PPP success rates. Regression used to know the impact of independent variables on dependent variable (PPP).

*Qualitative Analysis:* The qualitative analysis undertaken in this investigation encompassed a thorough examination of pertinent documents and existing literature. Principal sources comprised governmental policy documents, Vision 2040 reports, and empirical case studies pertaining to international Public-Private Partnership (PPP) methodologies. These materials were scrutinized to explain contextual frameworks and strategic orientations. Furthermore, scholarly articles published in esteemed peer-reviewed journals were critically analyzed



to discern and integrate exemplary global practices. This methodical approach facilitated a rigorous amalgamation of theoretical and practical insights, thereby enhancing the analytical robustness of the study.

## Hypotheses

H1: Tourism Landscape in Oman has a significant positive effect on areas for improvement through PPP.

H2: Role of Technology and Innovation has a significant positive effect on areas for improvement through PPP.

H3: Marketing and Promotion has a significant positive effect on areas for improvement through PPP.

H4: Sustainability and Community Integration has a significant positive effect on areas for improvement through PPP.

## Discussion and findings

Reliability of the Questionnaire

**Table-1 Reliability statistics**

Variables	Number of Items	Cronbach Alpha
Current Tourism Landscape in Oman	03	.802
Role of Technology and Innovation	04	.820
Marketing and Promotion	04	.859
Sustainability and Community Integration	04	.856
Areas for Improvement through PPP	04	.825

The Cronbach alpha for all variables is above 0.60 so it is an indication of satisfactory reliability (Sekaran & Bougie, 2016).

**Table-2 Descriptive Statistics**

	N	Minimu m	Maximu m	Mean	Std. Deviation
Tourism Landscape in Oman	104	1.00	5.00	3.8974	.98869
Areas for Improvement through PPP	104	1.00	5.00	3.8702	.89699
Role of Technology and Innovation	104	1.00	5.00	3.7476	.90004
Marketing and Promotion	104	1.00	5.00	3.7019	.92042



Sustainability and Community Integration 104 1.00 5.00 3.7452 .90708

The descriptive statistics indicate a predominantly favorable perception across the assessed dimensions. The Tourism Landscape in Oman attained the highest mean score ( $M = 3.90$ ,  $SD = 0.99$ ), signifying positive evaluations, whereas Areas for Improvement through Public-Private Partnerships also achieved a commendable score ( $M = 3.87$ ,  $SD = 0.90$ ), demonstrating significant potential for the enhancement of tourism via collaborative efforts between the public and private sectors. The evaluation of Technology and Innovation ( $M = 3.75$ ,  $SD = 0.90$ ) and Sustainability and Community Integration ( $M = 3.75$ ,  $SD = 0.91$ ) reflected a similar level of appreciation, reinforcing the crucial role these aspects play in the sector's growth. Conversely, Marketing and Promotion exhibited the lowest mean score ( $M = 3.70$ ,  $SD = 0.92$ ), indicating it as a pivotal area necessitating improvement. In summary, the findings reflect above-average satisfaction levels, coupled with the potential for targeted advancements in marketing strategies and the optimization of innovation and partnerships.

**Table-3 Correlations among Key Variables**

Variable	Tourism Landscape in Oman	Areas for Improvement through PPP	Role of Technology and Innovation	Marketing and Promotion	Sustainability and Community Integration
Tourism Landscape in Oman	1				
Areas for Improvement through PPP	.803**	1			
Role of Technology and Innovation	.692**	.844**	1		
Marketing and Promotion	.661**	.794**	.829**	1	
Sustainability and Community Integration	.685**	.734**	.758**	.822**	1

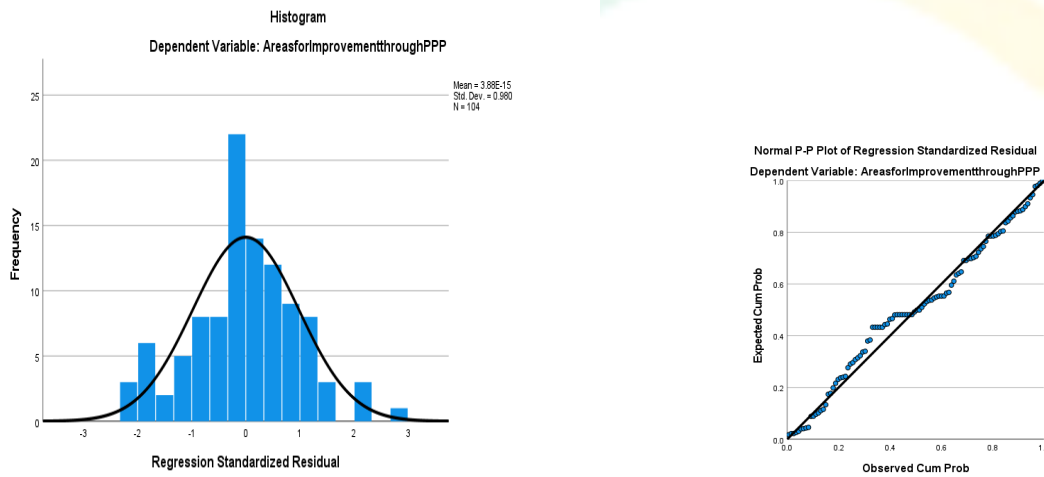
The correlation analysis explains robust and favorable relationships among the variables examined in this study. The tourism landscape in Oman reflects a notably positive link with territories that demand enhancement via partnerships that include both public and private sectors (PPP) ( $r = .803$ ,  $p < .01$ ), the role of technology and innovation ( $r = .692$ ,  $p < .01$ ), advertising and marketing initiatives ( $r = .661$ ,  $p < .01$ ), together with sustainability and public engagement ( $r = .685$ ,  $p < .01$ ). In a related manner, Areas for Refinement through PPP illustrates



important connections with the Role of Technology and Innovation ( $r = .844, p < .01$ ), Marketing and Promotion ( $r = .794, p < .01$ ), and Sustainability and Community Integration ( $r = .734, p < .01$ ).

Also, the Function of Technology and Innovation demonstrates a favorable connection with Marketing and Promotion ( $r = .829, p < .01$ ) in conjunction with Sustainability and Community Integration ( $r = .758, p < .01$ ). In addition, Marketing and Promotion shows a strong association with Sustainability and Community Integration ( $r = .822, p < .01$ ). These observations reveal the mutual reliance of these elements, suggesting that progress in one aspect is likely to bring advantageous results in others, thereby stressing the value of holistic methods in tourism development.

**Figure-1 Regression**



In histogram, the regression standardized residual is following a normal bell curve. Similarly, in NPP plot, the dotted lines are in accordance with the straight diagonal line so it is an indication that their normality of error term assumption is satisfied in our data.

**Table-4 Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.903 <sup>a</sup>	.816	.808	.39289	2.219

a. Predictors: (Constant), Sustainability and Community Integration, Tourism Landscape in Oman, Role of Technology and Innovation, Marketing and Promotion

b. Dependent Variable: Areas for Improvement through PPP



The R-square value indicates that the independent variables collectively explain 80.8% of the variance in the dependent variable, demonstrating a strong explanatory power of the model. The standard error of the estimate is 0.39289. The Durbin-Watson statistic is 2.219, which is close to the ideal value of 2, indicating no significant problem of autocorrelation in the data. This suggests that the model is robust and reliable for explaining the relationship between the variables.

**Table-5 ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	67.591	4	16.898	109.469	.000 <sup>b</sup>
	Residual	15.282	99	.154		
	Total	82.873	103			

a. Dependent Variable: Areas for Improvement through PPP

b. Predictors: (Constant), Sustainability and Community Integration, Tourism Landscape in Oman, Role of Technology and Innovation, Marketing and Promotion

The ANOVA table indicates that the model is highly fit and significant, as the F-statistic is well above the critical value ( $F = 109.469$ ,  $p < .05$ ). This demonstrates that the independent variables, including Sustainability and Community Integration, Tourism Landscape in Oman, Role of Technology and Innovation, and Marketing and Promotion, collectively have a significant impact on the dependent variable, Areas for Improvement through PPP.

**Table-6 Coefficients<sup>a</sup>**

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
	B	Std. Error	Beta			Tolerance	VIF
(Constant)	.258	.180		1.431	.155		
Tourism Landscape in Oman	.356	.058	.393	6.172	.000	.460	2.174
Role of Technology and Innovation	.416	.083	.417	5.030	.000	.271	3.696
Marketing and Promotion	.200	.089	.205	2.252	.027	.224	4.468
Sustainability and Community Integration	-.020	.080	-.021	-.254	.800	.282	3.543

a. Dependent Variable: Areas for Improvement through PPP

The coefficient table indicates that three independent variables exert positive and significant effects on **Areas for Improvement through PPP**, including **Tourism Landscape in Oman** ( $\beta = .393$ ,  $p < .05$ ), **Role of Technology and Innovation** ( $\beta = .417$ ,  $p < .05$ ), and **Marketing and Promotion** ( $\beta = .205$ ,  $p < .05$ ). However, **Sustainability**



**and Community Integration** shows a negative but insignificant effect ( $\beta = -.021$ ,  $p = .800$ ). The Variance Inflation Factor (VIF) values for all variables are below the critical value of 5 so it is an indication that the no multi-collinearity assumption is satisfied in our data.

**Table-7 Hypotheses testing**

H. No	Statement	Remarks
H1	H1: Tourism Landscape in Oman has a significant positive effect on areas for improvement through PPP.	H1 supported
H2	H2: Role of Technology and Innovation has a significant positive effect on areas for improvement through PPP.	H2 supported
H3	H3: Marketing and Promotion has a significant positive effect on areas for improvement through PPP.	H3 supported
H4	H4: Sustainability and Community Integration has a significant positive effect on areas for improvement through PPP.	H4 not supported

The results of the hypothesis testing yield significant insights regarding the determinants affecting areas necessitating enhancement via Public-Private Partnerships (PPPs) within the tourism sector of Oman. The analytical results substantiate that the Tourism Landscape in Oman (H1), the Role of Technology and Innovation (H2), and Marketing and Promotion (H3) exert substantial positive influences on the advancement of PPP initiatives. These outcomes elucidate the necessity of capitalizing on Oman's intrinsic natural and cultural resources, embracing cutting-edge technologies, and refining promotional methodologies to optimize the efficacy of PPPs. Conversely, the hypothesis pertaining to Sustainability and Community Integration (H4) lacks empirical support, thereby indicating an absence of notable influence within this framework. Collectively, the findings emphasize the essential importance of strategic enhancements in technology, marketing, and tourism assets while concurrently identifying sustainability as a domain necessitating intensified attention.

## Results

The outcomes of this analysis clarify vital perspectives on the operational aspects of Public-Private Partnerships (PPPs) in Oman's tourism. In the context of descriptive statistical analysis, a predominantly favorable perception emerges across the various dimensions assessed, with the Tourism Landscape obtaining the leading mean score ( $M = 3.90$ ,  $SD = 0.99$ ), closely succeeded by Areas for Improvement via PPP ( $M = 3.87$ ,  $SD = 0.90$ ). Correlation analysis illustrates strong and positive interrelationships among critical variables, underscoring the interdependence of factors such as the Role of Technology and Innovation, Marketing and Promotion, and Sustainability and Community Integration. Analysis through regression supports the notion that the Tourism Landscape ( $\beta = .393$ ,  $p < .05$ ), Role of Technology and Innovation ( $\beta = .417$ ,  $p < .05$ ), and Marketing and



Promotion ( $\beta = .205$ ,  $p < .05$ ) significantly and positively impact Areas for Improvement via PPP. In contrast, Sustainability and Community Integration ( $\beta = -.021$ ,  $p = .800$ ) demonstrates an insignificant effect within the present model. The elevated R-square value of the model (80.8%) and the acceptable Durbin-Watson statistic (2.219) validate its robustness, while the ANOVA results accentuate the collective significance of the independent variables ( $F = 109.469$ ,  $p < .05$ ). These findings highlight the essential importance of targeted enhancements in tourism assets, innovation, and marketing, with sustainability necessitating improved integration to fully realize the potential of PPPs.

## Implications of research

The research has been augmented by the inclusion of pertinent illustrations that elucidate the concrete advantages of eco-tourism and community-centric initiatives. A prime example would be the Maasai Mara National Park in Kenya, which operates under a public-private partnership (PPP) framework, effectively enhancing local tourism earnings by 20% each year, consequently generating jobs and upgrading local infrastructure through community participation. Likewise, eco-tourism endeavors in Australia have elevated revenues by 12%, concurrently supporting environmental conservation and facilitating local job creation. These instances accentuate the prospective benefits of eco-tourism initiatives in Oman, aimed at enhancing the living standards of local communities, promoting environmental stewardship, and cultivating favorable public perceptions regarding tourism development.

In addressing the necessity for a theoretical foundation, the research has been amended to explicitly link the results with established theories of tourism and public-private partnerships. For example, the advantageous influence of the Tourism Landscape corresponds with the Destination Competitiveness Model, which identifies infrastructure and natural attractions as pivotal factors in achieving tourism success. Furthermore, the analysis now connects community involvement and sustainability initiatives to Stakeholder Theory, which emphasizes the critical need to balance the interests of public, private, and community stakeholders within developmental projects. This theoretical construct fortifies the case for PPPs as a mechanism for promoting sustainable tourism practices in Oman.

Moreover, the economic consequences of PPPs have been delineated with greater clarity. By referencing global instances, such as the Maldives, where PPPs account for 28% of GDP through tourism, the research delineates the potential economic advantages of such frameworks in Oman. Attaining the tourism growth objectives outlined in Vision 2040, which includes a 10% contribution to GDP from tourism, is anticipated to yield substantial economic dividends, encompassing job creation, enhancements in infrastructure, and increased private sector investment.



Finally, the inquiry now examines the larger effects of these outcomes on learning frameworks and legislative measures. It underscores how curricula in tourism and public policy could gain from the integration of PPP models, sustainable tourism methodologies, and innovative practices. As well, the findings present policy guidelines intended to bolster regulatory frameworks, motivate private sector involvement, and heighten public recognition of tourism's economic possibilities. The integration of artificial intelligence in enhancing customer service, particularly within the marketing and promotional sectors, is also explicitly associated with the findings of the study, highlighting how technological advancements can elevate service delivery and enhance the appeal of Oman's tourism sector for both investors and visitors. These enhancements ensure that the research effectively bridges the divide between theoretical constructs and practical applications, while offering actionable insights for policymakers, educators, and industry stakeholders.

## Conclusion

This research elucidates the considerable potential inherent in Public-Private Partnerships (PPPs) to facilitate advancements within Oman's tourism sector by addressing pivotal areas necessitating enhancement. Descriptive statistical examination reveals above-average satisfaction indicators across critical dimensions, encompassing the Tourism Landscape, Technology and Innovation, as well as Sustainability and Community Integration. Nevertheless, Marketing and Promotion emerges as a domain that necessitates increased attention. Correlation analysis illustrates robust positive interdependencies among these variables, underscoring that collaborative initiatives can generate synergistic advantages. Regression analysis further elucidates that the Tourism Landscape, the Role of Technology and Innovation, and Marketing and Promotion substantially contribute to tourism development via PPPs, while Sustainability and Community Integration, despite its theoretical significance, and exhibits an insignificant impact within this analytical construct.

These findings are consistent with global empirical research. For instance, Smith (2011) delineates the effectiveness of PPPs in fostering sustainable tourism, accentuating their capacity to achieve economic and environmental objectives through collaborative endeavors. Similarly, research conducted in the United States, exemplified by Nelson and deRoos (2018), advocates for structured evaluative frameworks to optimize the advantages of PPPs in hotel development. Furthermore, Pierce (2015) emphasizes the function of PPPs in alleviating resource limitations and propelling infrastructure growth, findings that resonate with the observed importance of the Tourism Landscape within this investigation.

However, the negligible role of Sustainability and Community Integration contrasts with instances such as South Africa's Kruger National Park, where PPPs have adeptly synchronized biodiversity preservation with tourism



development (World Bank, n.d.). Likewise, initiatives within Australia's eco-tourism lodges illustrate that PPPs can substantially contribute to sustainable practices, providing a stark contrast to Oman's prevailing trajectory in this domain. This divergence may reflect contextual challenges, such as inadequate local stakeholder engagement or insufficient regulatory frameworks within Oman.

In the context of the Gulf Cooperation Council (GCC), Oman's performance is heterogeneous in comparison to regional frontrunners. Saudi Arabia and the UAE have proficiently utilized PPPs to intertwine sustainability with large-scale tourism initiatives (Chambers Expert Focus, 2023; Deloitte Middle East, 2023). These nations offer exemplars of how targeted policies and vigorous engagement from the private sector can enhance the efficacy of PPPs in sustainability, a sector in which Oman has yet to fully capitalize on its potential.

These outcomes imply that Oman must embrace a sophisticated strategy informed by both international best practices and localized methodologies. Lessons derived from countries such as the Maldives and Mexico, wherein PPPs have reconciled environmental conservation with economic advancement, suggest that Oman could augment its emphasis on sustainability. Concurrently, addressing the identified deficiencies in marketing and promotion remains crucial to elevate the nation's competitive standing.

By capitalizing on its strengths in Technology and the Tourism Landscape, and rectifying weaknesses in Marketing and Sustainability, Oman can proficiently leverage PPPs to fulfill its Vision 2040 tourism ambitions, promote sustainable development, and facilitate economic diversification.

## Recommendations

To improve the performance of Public-Private Partnerships (PPPs) within the hospitality field in Oman, various strategic proposals have been detailed. The optimization of regulatory frameworks is of paramount importance, which encompasses the simplification of regulations and the establishment of a specialized PPP unit aimed at mitigating bureaucratic impediments and accelerating approval processes. Financial incentives, including tax concessions, subsidized land leases, and low-interest financing, have the potential to entice private sector engagement, boosted by transparent mechanisms for risk-sharing. Strategic alliances with global hospitality brands and investors who possess expertise in sustainable tourism can facilitate the assimilation of best practices and pioneering technologies. An investment in marketing initiatives that showcase Oman's distinctive offerings—such as eco-tourism, cultural heritage, and luxury experiences—can significantly extend international outreach. A focus on technology and innovation, exemplified by smart tourism applications and AI-enhanced customer services, has the capacity to enrich visitor experiences. Projects that conform to sustainability principles, including



eco-friendly resorts and community-oriented initiatives, ought to be given precedence. Capacity-building through workforce development and knowledge-sharing platforms can empower local stakeholders with vital competencies. Pilot initiatives in sectors such as conference and eco-tourism can serve as demonstrative successes and draw additional investment. The establishment of performance monitoring frameworks, inclusive of Key Performance Indicators (KPIs), will ensure congruence with the objectives of Vision 2040, while the cultivation of international cooperation through global forums and partnerships can position Oman as a premier investment locus in the hospitality domain.

## Scope for future research

Future investigations concerning Public-Private Partnerships (PPPs) within the hospitality industry may concentrate on several pivotal domains to augment their efficacy and sustainability. Comparative analyses of successful PPP frameworks in emerging economies could yield adaptable methodologies for Oman, taking into account its distinctive socio-economic and cultural environment. The exploration of the involvement of local communities in PPP initiatives is essential for fostering sustainability, safeguarding cultural integrity, and optimizing socio-economic advantages. Furthermore, the repercussions of digital innovation, incorporating tools like AI, blockchain, and IoT, on the performance and originality of PPPs merit extensive review. Moreover, a comprehensive understanding of risk-sharing frameworks, investor inclinations towards financial models, and the congruence of PPP initiatives with the United Nations' Sustainable Development Goals (SDGs) may offer significant insights. Lastly, the evaluation of how PPPs can adapt to global adversities such as pandemics and climate change, while simultaneously addressing cultural sensitivity and contemporary tourism requirements, is crucial for the development of resilient and inclusive frameworks.

## References

- Chambers Expert Focus. (2023). GCC public-private partnerships: Growth and challenges. *Chambers Expert Focus*. Retrieved from <https://chambers.com/legal-trends/gcc-public-private-partnerships-growth-challenges>
- Deloitte Middle East Point of View. (2023). Boosting growth in the GCC. *Deloitte Middle East Point of View*. Retrieved from <https://www.deloitte.com/middle-east/en/our-thinking/mepov-magazine/frontiers/boosting-growth-in-the-gcc.html>
- Dwyer, L., & Kim, C. (2003). Destination competitiveness: Determinants and indicators. *Current Issues in Tourism*, 6(5), 369–414. <https://doi.org/10.1080/13683500308667962>
- Financier Worldwide. (2021). Update on Oman's public-private partnership law. *Financier Worldwide*. Retrieved from <https://www.financierworldwide.com/update-on-omans-public-private-partnership-law>



Freeman, R. E. (1984). *Strategic management: A stakeholder approach*. Pitman

Griffith Institute for Tourism. (2020). *PPP contributions to eco-tourism*.

Hospitality Lawyer. (2014). Public-private partnerships and the hospitality industry. Retrieved from <https://hospitalitylawyer.com/public-private-partnerships-and-the-hospitality-industry/>

HVS Middle East. (2023). A new chapter in the region's growth story. *HVS Middle East*. Retrieved from <https://www.hvs.com/article/9742-a-new-chapter-in-the-regions-growth-story>

International Finance Corporation. (2023). *Public-private partnerships in tourism*. Retrieved from <https://www.ifc.org>

International Finance Corporation. (2023). *Public-private partnerships in tourism*.

JLL. (2023). Sustainable tourism in Oman: A Vision 2040 goal. *JLL*. Retrieved from <https://www.us.jll.com/en/trends-and-insights/investor/sustainable-tourism-in-oman-a-vision-2040-goal>

Jones Lang LaSalle. (2024). *Oman Tourism Investment Outlook: Vision 2040 and Beyond*.

Jones Lang LaSalle. (2024). *Sustainable tourism in Oman: A Vision 2040 goal*. Retrieved from <https://www.jll.com>

Ministry of Heritage and Tourism. (2023). *Annual Report on Tourism Development*. Muscat, Oman: Ministry of Heritage and Tourism.

Ministry of Heritage and Tourism. (2023). *Tourism report 2023: Advancing Oman's tourism sector through strategic initiatives*. Muscat: Ministry of Heritage and Tourism.

Muscat Daily. (2023). Oman targets 11mn tourists by 2040. Retrieved from <https://www.muscatdaily.com>

Muscat Daily. (2023). Oman's Vision 2040: Tourism targets and investments. *Muscat Daily*.

Nelson, R. L., & deRoos, J. A. (2018). An analysis of data regarding public-private partnerships to encourage hotel development in the United States. *Cornell Real Estate Review*, 16(1), 4. Retrieved from <https://ecommons.cornell.edu/items/bedba7e2-8a68-4022-b442-3716c01dad9d>

Pierce, J. (2015). Public-private partnerships for hotels. *Hotel Online*. Retrieved from <https://hladvisors.com/public-private-partnerships-for-hotels/>

Public-Private Partnerships in the Gulf Cooperation Council Region. (2023). *Public Works Management & Policy*. Retrieved from <https://journals.sagepub.com/doi/10.1177/1087724X231210189>

PwC Middle East. (2023). Three key sectors ripe for public-private partnerships (PPP) across Qatar. *PwC Middle East*. Retrieved from <https://www.pwc.com/m1/en/media-centre/articles/three-key-sectors-ripe-for-public-private-partnership-across-qatar.html>

Smith, A. (2011). Public-Private Partnerships (PPPs) for sustainable tourism. *Organization of American States*. Retrieved from [https://www.oas.org/en/sedi/desd/itc2011/pres/arthur\\_smith.pdf](https://www.oas.org/en/sedi/desd/itc2011/pres/arthur_smith.pdf)



Tourism Insider. (2023). *Public-private partnerships in tourism: Insights and case studies*. Retrieved from <https://www.tourism-insider.com>

Tourism Insider. (2023). *Public-private partnerships in tourism: Insights and case studies*.

Trowers & Hamlins. (2020). The implementing regulations of the public private partnership law. *Trowers & Hamlins*. Retrieved from <https://www.trowers.com/insights/2020/june/oman-the-implementing-regulations-of-the-public-private-partnership-law>

TTN Worldwide. (2019). Oman tourism builds new partnerships with public, private sectors. *TTN Worldwide*. Retrieved from <https://www.ttnworldwide.com/Article/293536/Oman-Tourism-builds-new-partnerships-with-public%2C-private-sectors>

United Nations World Tourism Organization (UNWTO). (2022). *Public-private partnerships in tourism: Global best practices*. Madrid, Spain: UNWTO Publications.

UNWTO & Griffith Institute for Tourism. (2020). *Global report on public-private partnerships in tourism development*. Retrieved from <https://www.unwto.org>

UNWTO & Griffith Institute for Tourism. (2020). *Global report on public-private partnerships in tourism development*.

UNWTO. (2022). *Innovation and sustainability in tourism*.

World Bank. (2021). *Harnessing public-private partnerships for sustainable tourism development*. Washington, DC: World Bank Group.

World Bank. (2021). *Rebuilding tourism through public-private partnerships*. Retrieved from <https://www.worldbank.org>

World Bank. (2021). *Rebuilding tourism through public-private partnerships*.

World Bank. (n.d.). Hospitality and tourism | Public private partnership. Retrieved from <https://ppp.worldbank.org/public-private-partnership/node/7563>

ZAWYA. (2024). Oman targets 11 PPP projects for implementation in 2024. *ZAWYA*. Retrieved from <https://www.zawya.com/en/projects/construction/oman-targets-11-ppp-projects-for-implementation-in-2024-klobwj3o>



## Annexure-1

### Questionnaire

Section	Question	1: Not Important	2: Slightly Important	3: Moderately Important	4: Important	5: Very Important
<b>Section 1: Current Tourism Landscape in Oman</b>	How important is improving Oman's overall tourism infrastructure?					
	How important is leveraging Oman's cultural and natural heritage for tourism growth?					
	How important is integrating local communities into Oman's tourism sector?					
<b>Section 2: Areas for Improvement Through PPP</b>	How important is improving transportation infrastructure (e.g., roads, airports) for enhancing tourism?					
	How important is private sector involvement in developing luxury and eco-friendly accommodations?					
	How important is the preservation of cultural and heritage sites for tourism growth?					
	How important is prioritizing adventure and eco-tourism projects in Oman?					
<b>Section 3: Role of Technology and Innovation</b>	How important are digital platforms (e.g., online booking systems, mobile apps) for improving tourist experiences in Oman?					
	How important is the use of smart tourism tools (e.g., AI, AR/VR) in attracting international tourists?					
	How important is the development of data analytics platforms to understand tourist trends and enhance tourism services?					



	How important is creating an integrated digital ecosystem for tourism (e.g., one-stop online platform for booking, information, etc.)?					
<b>Section 4: Marketing and Promotion</b>	How important are international marketing campaigns in increasing Oman's global tourism appeal?					
	How important is hosting large-scale events (e.g., cultural festivals, sports) in attracting tourists?					
	How important is the promotion of Oman's unique cultural heritage in attracting tourists?					
	How important is collaboration with global travel agencies and tour operators to increase Oman's visibility?					
<b>Section 5: Sustainability and Community Integration</b>	How important is sustainability (e.g., eco-tourism, green energy) for Oman's tourism development?					
	How important is empowering local communities through job creation and cultural preservation via PPPs?					
	How important is the development of eco-friendly accommodations and green tourism practices in Oman?					
	How important is educating tourists and local communities about sustainability in tourism?					

Source: Instrument developed by researchers