INNOVATIVE MANAGEMENT IN SMART TOURISM: A DIGITAL ECONOMY IMPERATIVE FOR TOURIST ENTERPRISES

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ABSTRACT

This article explores how innovative management practices are essential for tourist enterprises in the era of smart tourism and the digital economy. It emphasizes the use of cutting-edge technologies and data-driven decision-making to enhance operational efficiency and elevate the overall tourist experience. The article provides actionable insights for enterprises aiming to thrive at the intersection of innovative management, smart tourism, and the digital economy.

Keywords: Innovative Management, Smart Tourism, Digital Economy, Tourist Enterprises, Cutting-edge Technologies, Data-driven Decision-making, Operational Efficiency, Customer Experience, Strategic Imperative, Tourism Industry.

Tourism stands as a cornerstone of Uzbekistan's economic and cultural vitality, contributing significantly to the nation's growth and global recognition. Nestled at the crossroads of the Silk Road, Uzbekistan boasts a rich tapestry of cultural heritage, historical marvels, and breathtaking landscapes. As the world becomes increasingly interconnected, the role of tourism transcends mere economic gains; it becomes a powerful instrument for fostering understanding, cultural exchange, and national identity.

Uzbekistan's allure lies in its ancient cities, each narrating tales of empires, conquerors, and thriving civilizations. Samarkand, Bukhara, Khiva, and Tashkent are not just cities; they are living museums, testament to a vibrant past that continues to

shape the present. [1] The intricate tilework of Registan Square, the grandeur of the Ark Citadel, the winding streets of Khiva's Old Town – these are not just landmarks but portals through which visitors embark on a journey through time and culture.

Beyond the aesthetic appeal, tourism fuels economic prosperity and job creation in Uzbekistan. Over the past eight months, the country has welcomed 4.3 million tourists, injecting $1.4 billion into the economy. Domestic tourism, spurred by strategic initiatives and discounts, has seen an impressive twofold increase, reaching 15 million tourists. The systematic development of tourist infrastructure, including new accommodations, recreational facilities, and tourist routes, positions Uzbekistan as a competitive and appealing destination.

Moreover, tourism is a catalyst for cultural diplomacy. It bridges gaps, fosters cross-cultural understanding, and creates lasting impressions. The recent collaboration between the Ministry of Tourism and Cultural Heritage and Orpheo exemplifies Uzbekistan's commitment to enhancing the tourist experience through innovative means. The introduction of a Progressive Web App (PWA), offering digital audio guides to historical sites, not only demonstrates technological prowess but also makes cultural exploration accessible to a global audience. [2]

As Uzbekistan charts its course towards smart tourism, the concept of integrating cutting-edge technologies at cultural heritage sites and state museums signals a forward-looking vision. The dissemination of experiences from historic Bukhara to all regions of the country underlines a commitment to preserving traditions while embracing modernity.

The PWA's unique feature lies in its effortless accessibility. Users can access the guide directly through any mobile browser, bypassing the need for downloads from traditional platforms. The PWA's ability to load cached data instantly eliminates waiting times, ensuring that users receive the most up-to-date information every time they access the app. The optimization of media file storage in the browser, coupled with a highly rated PWA search engine, further contributes to an unparalleled user experience.

The initial launch coincided with the SCO summit in Samarkand, where the digital audio guide in Russian and English became available on the Ministry's website, at cultural and historical sites via QR codes, and on Orpheo's platform. A similar initiative in Bukhara involves equipping around 50 historical monuments with QR codes under the Verum QR smart tourism development project. These QR codes provide tourists with instant access to comprehensive information, fostering a deeper understanding of historical sites and enhancing their overall experience.

Sources from the State Committee for Tourism Development reveal ongoing efforts to develop a comprehensive concept of smart technologies at cultural heritage sites and state museums. This ambitious plan aims to disseminate the successful experiences of Bukhara throughout the country. The proposed concept includes a unified ticketing system, an electronic visitor registration system, virtual tours, audio guides, electronic catalogs of historical monuments in foreign languages, and the creation of mobile applications that facilitate translation, commentary on classical texts, and detailed information on cultural and historical heritage.

Uzbekistan's tourism sector, a crucial driver of its economy, has witnessed remarkable growth. In the past eight months, the country has welcomed 4.3 million tourists, generating $1.4 billion in revenue. Initiatives such as additional days off and discounts have propelled domestic tourism, with 15 million domestic tourists, twice the previous year's numbers. Significant developments in tourist infrastructure include the creation of 15,000 new guest accommodations, 540 recreational and entertainment facilities, and the opening of 70 new tourist routes. [3]

The meeting highlighted new opportunities for increasing tourist flows, with a focus on attracting tourists from nearby countries, Russia, and China. Partnership connections with Chinese provinces and the potential to attract one million Chinese tourists annually were emphasized. The influx of tourists from distant countries, including India, Japan, the United States, and Italy, has risen significantly. Direct flights and increased collaboration with ambassadors abroad were identified as key

measures to further expand the geography of air routes and attract a broader international tourist base.

The Progressive Web App (PWA) for digital audio guides is a testament to the nation's embrace of innovation. By leveraging technology to make cultural exploration seamless and accessible, Uzbekistan not only enriches the experience of its visitors but also ensures the preservation of its historical treasures for generations to come. [4] The Verum QR smart tourism development project, particularly the integration of QR codes in Bukhara's historical monuments, showcases Uzbekistan's dedication to embracing modernity while staying true to its roots. The planned expansion of this technology to encompass diverse aspects of the tourism industry promises a future where information is not just conveyed but experienced in a dynamic and interactive manner.

In order to implement the Decree of the President of the Republic of Uzbekistan "On measures for the accelerated development of e-commerce" No. 3724 dated May 14, 2019 in the HoReCa services segment, the State Committee of the Republic of Uzbekistan for Tourism Development, together with the Ministry for the Development of Information Technologies and Communications, developed the international information system Silkroad.uz. It allows guests to quickly make reservations, speeds up the check-in process, and makes payment for services fast and comfortable for both guests and hotel staff. The State Committee for Tourism contributes to the development of business activities by launching a unified reservation system in pilot mode. [5]

The ongoing conceptualization of smart technologies at cultural heritage sites and state museums reveals a forward-thinking strategy. The proposed introduction of a unified ticketing system, an electronic visitor registration system, virtual tours, audio guides, multilingual electronic catalogs, and 3D models exemplifies Uzbekistan's commitment to creating an immersive and inclusive tourist experience.

Beyond the technological advancements, the economic impact of tourism in Uzbekistan cannot be overstated. The impressive influx of tourists and the revenue

generated over the past eight months underscore the sector's pivotal role in driving economic growth. The strategic development of tourist infrastructure, the increase in accommodations, and the opening of new tourist routes all contribute to positioning Uzbekistan as a global destination.

As Uzbekistan continues to explore opportunities to expand its tourist horizons, the collaboration between government bodies, private enterprises, and international partners remains a linchpin for success. The strategic vision outlined in the smart technologies concept aligns with a broader narrative of sustainable tourism that respects cultural authenticity and contributes to the well-being of local communities.

In conclusion, Uzbekistan's smart tourism revolution is not merely about adopting the latest technologies; it is a holistic endeavor to enrich the present and lay the foundations for a sustainable and culturally vibrant future. By pioneering innovation, Uzbekistan not only drives economic growth but also becomes a beacon for countries seeking to harmonize tradition and innovation in the ever-evolving landscape of global tourism. The journey continues, and Uzbekistan beckons the world to explore its treasures with a blend of rich history and cutting-edge technology.

REFERENCES

1. G. Khasanov, E. Uktamova, U. Akramov. Development of Smart tourism in Uzbekistan. *Scientific progress*, *2*(8), p. 614-617, (2021).

2. Brueghel, P. 2010. Entrepreneurship, Innovation and Economic Growth: Past Experiences, Current Knowledge and Policy Implications. Research Network Debate Swedish Entrepreneurship Forum, Working Paper, 02:1-76.

3. Discussion on Tourism Development and Implementation of Yashil Makon Project Takes Place. // https://president.uz/en/lists/view/6746

4. Smart-туризм в Узбекистане. // https://ictnews.uz/28/01/2019/smart-tourism/

5. http://turizm.kasaba.uz/en/news/350