

The impact of using blockchain-based solutions to develop sustainable tourism and support local communities

Marcell Kupi

Széchenyi István University, Hungary

kupi.marcell@sze.hu

Abstract

The sustainability of the tourism industry and support for local communities is a key focus in today's world. However, blockchain technology is not yet a fully used tool in tourism, although it offers the possibility to track transactions, store data securely and involve local communities in the tourism planning process. This paper provides an overview of the impact of blockchain technology-based solutions for sustainable tourism development and support to local communities. The paper presents the benefits and challenges of blockchain technology in the tourism industry, specifically in relation to crypto projects dealing with it, and its potential application for sustainable tourism development. The research reviews the current applications of blockchain-based solutions in the tourism sector and suggests innovative solutions for exploring and applying them to sustainable tourism development. The study also highlights the potential of blockchain technology not only in the tourism sector, but also in supporting local communities and involving them in the tourism planning process. In addition, the study presents further research opportunities on the impact of the use of blockchain technology on sustainable tourism development and support for local communities.

Keywords: tourism, sustainability, digital tourism, blockchain, ecotourism, metaverse, web3.0