Chapter 13
Unleashing Business Potential: Harnessing OpenStreetMap for Intelligent Growth and Sustainability

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ABSTRACT

The economic value of green spaces and their enormous potential can positively impact both community development and business growth. This chapter explored the value of OSM data especially green space data for business development. Strategic investment in parks and other green spaces has positive effects on the environment as well as the economy. Integration of OSM data with other essential datasets can provide businesses with useful tools for utilizing green spaces. OSM improves client segmentation, market analysis, and distribution channels, promoting sustainable business practices. OSM can also help in developing revenue strategies, discovering competitors, and optimizing logistics. When used in business growth, OSM green space data offers a variety of alternatives, from site selection to eco-friendly campuses, eco-tourism, and conservation projects. Additionally, OSM data encourages civic participation, ecological regrowth, and eco-aware consumer marketing.

INTRODUCTION

Organizational progress and achievement heavily rely on the pivotal role of business development. This multifaceted domain encompasses a diverse array of strategies, initiatives, and processes aimed at broadening a company's market footprint, elevating its performance, and fostering enduring expansion. While the sphere of business development is expansive, it can be distilled into several central themes and areas of concentration. One prominent facet is e-business development, delving into how enterprises can secure competitive advantages through the adoption of e-commerce strategies (Phan, 2003). The facet is digital business development. Numerous industrial enterprises leverage digital technology to revolutionize their

DOI: 10.4018/979-8-3693-0049-7.ch013

business strategies and venture into novel, creative offerings (Sjödin et al., 2020). These digital-driven business models often incorporate service components into tangible products, enabling companies to deliver tailored solutions (Kohtamäki et al., 2020).

Sustainable business development stands as another notable sphere of interest. It revolves around the incorporation of sustainability principles into business methodologies and routines. Scholars have underscored the significance of sustainable practices, innovation, and forward-thinking leadership in shaping a sustainable future for enterprises (Rainey, 2006). The exploration of governance structures and external business development endeavors is equally vital. Researchers delved into how diverse governance models and the relevance of external business development pursuits can affect a company's innovative performance. This spotlights the role of governance frameworks in propelling innovation within organizations (Keil et al., 2008).

Furthermore, the correlation between the development of small businesses and the tourism sector revealed the intricate interplay between tourism and the growth of local enterprises in different regions as noted by Page et al., (1999). Another area of interest involves the factors that can influence women in business development within developing countries as asserted by Hossain et al., (2009). This investigation explored the distinct challenges and opportunities encountered by women in the business arena, emphasizing that business development is shaped by a variety of factors, including those specific to gender.

In today's highly competitive environment, businesses are actively exploring creative strategies to secure a competitive advantage and achieve sustainable growth, especially in the data-driven era where knowledge is paramount. Spatial data refers to information concerning the physical location and attributes of objects or phenomena on the Earth's surface (Rajabifard & Williamson, 2001). Analyzing spatial data can empower business innovators to glean a profound understanding of the possibilities and challenges within specific geographic regions, enabling them to formulate strategies for sustainable entrepreneurship and growth. The utilization of spatial data has gained prominence due to its potential to provide valuable insights into market trends (Argiolas, 2014; Li & Kao, 2022), consumer behavior (Widaningrum et al., 2020), and resource allocation (Shang et al., 2021). Spatial data can be integrated with sustainable development and entrepreneurship to promote sustainability in the economy, environment, and society through data-driven opportunities and inclusive practices (Ahmad, 2023).

OpenStreetMap (OSM) is a collaborative mapping project, that provides an open and freely available dataset and can be a useful resource for businesses (Wiki, 2023b). The incorporation of OSM data has the potential to completely alter how businesses handle numerous crucial areas of their operations. For instance, OSM data can revolutionize market research by giving businesses more insights into demographics, consumer preferences, and behaviour. Businesses can use OSM data to find untapped markets and strategically plan their market entry or expansion (Dupre, 2020). OSM has a vital role in promoting sustainable progress encompassing the realms of the economy, environment, and society (Ahmad & Ali, 2023). OSM data is also very important for location planning. Based on variables like accessibility, closeness to potential customers, and local infrastructure, businesses can use OSM data to locate viable places for their operations. This data-driven strategy can optimize location selection and improve decision-making to match the company's goals (Baganz et al., 2020).

Additionally, OSM data can enable companies to more accurately define their target consumers. Businesses can learn more about consumer preferences, geolocation trends, and regional demand patterns by superimposing OSM data with customer databases. This specific data enables focused marketing initiatives and tailored client interactions (Rifat et al., 2012). OSM data is essential for supply chain and logistics optimization in addition to market analysis and location planning. Businesses can optimize