Editorial

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Biographical notes: Zhengyi Chai is a Professor at the School of Computer Science, Tiangong University, Tianjin, China, and a leading talent for universities in Tianjin. His research focuses on IoT, big data processing, AI optimization, and network anomaly detection. He has led National Natural Science Foundation of China projects and published extensively.

José Matas Alcala is an Associate Professor at Universitat Politècnica de Catalunya. He holds an MS in Telecommunication Engineering (1996) and a PhD in Electronic Engineering (2003) from the same university. His research includes sustainable telecommunication systems and social innovation in engineering.

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Social innovation is pivotal in driving enterprise sustainable development, addressing social issues while creating economic and environmental value. This special issue explores its impact through diverse studies offering practical insights for academics and practitioners.

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The papers cover various themes, methodologies, and contexts, illustrating social innovation's role in fostering sustainable growth. Key topics include advanced technologies, data analysis, environmental impact, industry-specific sustainable practices, and innovative management models.

A central theme is applying advanced technologies and data analysis to optimise enterprise operations. Wang and Li present a human resource allocation model based on Radial Basis Function Neural Networks, while Tian explores an informatisation management platform for enterprise audit using cloud computing, highlighting the role of digital transformation in efficiency and transparency.

Saini et al. investigate using floral waste to create sustainable business models, showcasing environmental sustainability solutions. Cui and Zhang analyse innovation activities and low-carbon economy growth, emphasising technological advancements in reducing carbon emissions.

He et al. explore the linkage between the automobile manufacturing and logistics industries in Anhui Province, demonstrating how inter-industry collaborations drive sustainability. Feng's study on university bidding and purchasing using the improved Apriori algorithm highlights data-driven approaches in enhancing procurement sustainability.

Klein's study on the disclosure behaviour of sovereign wealth funds related to ESG criteria and SDGs underscores transparency and accountability in financial institutions.

Yan proposes an innovative management model for human resources under sustainable development principles, reflecting the growing need for integrating sustainability into organisational strategies.

This issue underscores social innovation's critical role in achieving enterprise sustainability, contributing to the broader discourse on sustainable development.