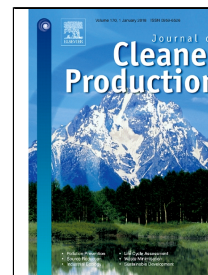


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A Roadmap for Sustainable Enterprise Resource Planning Systems
Implementation (Part III)



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A Roadmap for Sustainable Enterprise Resource Planning Systems

Implementation (Part III)

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Abstract. The organisation needs multidisciplinary skills, coordinated efforts, and adequate knowledge in order to implement successful Sustainable Enterprise Resource Planning (S-ERP) systems. Various studies have been conducted on S-ERP system, however, many of which only focused on the empirical analysis and imperative of the system without concerning on the effective implementation of the system. The absence of a validated plan and guide of S-ERP implementation would increase the cost and time of the system implementation and decrease the quality product and service. The recent research contributions have dealt with developing a master plan for the S-ERP system implementation that includes certain components, such as a roadmap, framework, and guidelines. A previous study has highlighted the development of the S-ERP roadmap. To advance the formulation of the S-ERP master plan, this presented study aims to evaluate the usability of the developed roadmap through peer review method. Data collection and analysis are the major actions to be performed in the evaluation. The peer review is performed by twelve experts including academics and practitioners. According to the peer review results, the S-ERP roadmap required to be divided into a sustainable enterprise and sustainable integrated enterprise. The experts verified that the S-ERP roadmap could be generally applied to various types of industry. It can provide a guide for practitioners to implement S-ERP system in organisations. In addition, it provides a theoretical basis for other related studies to comprehend the S-ERP system implementation.

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