

Integrated Case Studies in Accounting and Information Systems

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Expanding environmental management accounting: an experimental construct to integrate material wastes and emission flows

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Abstract: Within environmental management accounting (EMA) methodologies, material flow cost accounting (MFCA) has been successful in changing traditional attitudes of corporate organisations towards material wastes from production activities and supporting management with information to improve resource utilisations and material yields. However, EMA has not been able to expand itself beyond material wastes and cover greenhouse gas (GHG) emissions. On the contrary, GHG accounting has institutionalised itself as an independent framework to capture and report greenhouse gases from organisational activities and help firms manage its GHG related risks. The author proposes an experimental construct to integrate these two frameworks, based on their complementarity and commonality of organisational processes, and validates the construct with the help of a case example. The author believes that the proposed unification would help EMA to cover major environmental risks of businesses within single framework, help management with better information flow, and support environmentally-conscious decision-making.

Keywords: environmental management accounting; EMA; green management accounting; material flow cost accounting; MFCA; GHG accounting.

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Biographical notes: Somnath Debnath received his BSc with Honours in Physics from the Calcutta University, India and MBA from the Walden University, USA. He is a Certified Management Accountant (CMA) and associate member of the Institute of Cost Accountants of India. Currently, he is pursuing his PhD in the field of Management from the Birla Institute of Technology, Ranchi, India. His research interests include management accounting, green accounting, and decision sciences. He has extensive service and consulting experience in the fields of cost management, process automations, and ERP implementations.

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Computer Information Systems Faculty Scholarship. Title. Integrated case studies in accounting and information systems. Integrated Case Studies in Accounting Information Systems. Mohsen Sharifi, Eastern Michigan University. Badie Farah, Eastern Michigan University. Integrated Case Studies in Accounting and Information Systems: Mohsen Sharifi, Badie Farah: Books - whataboutitaly.com Accounting information systems are ubiquitous in today's business, supporting Enterprise risk management integration into the ERP system: Case Study of a. The study adapted an interpretive case study method using 65 The study in ERP-AIS applied in Saudi Arabia is still rare and more studies are needed. .. The ERP system played an important role to integrate SABIC affiliate inside Saudi. an increased focus on Accounting Information Systems (AIS) related issues, diffusion of integrated information systems that are supposed to be used for .. After a full VCM, the methodology will be further developed and a multi-case study. Accounting Information Systems (AIS) and Knowledge Management: A Case Study This study seeks to examine the use of Accounting Information Systems (AIS) . Information System indicate an integrated framework within an entity (such. Anders Rom. Management accounting and integrated information systems .. The thesis includes case studies of Oxford Research and Danish. COURSE TITLE: ACCOUNTING INFORMATION SYSTEM is to meet all modern requirements for the comprehensive and integral training of students in the field of accounting. Students are required to arrive at the solution of the case study. Article in International Journal of Accounting Information Systems 8(1) . AIS and Reporting in the Port Community Systems: An Italian Case Study in the. Saison Information Systems uses DataSpider to increase operational efficiency by connecting systems and automating processes for its accounting operations. Implementation of an integrated accounting and cost management system using the SAP system: a field study in those studies that little is known about the design and implementation of accounting and information systems Making Business Partners: A Case Study on how Management Accounting Culture was Changed. Case Study (ERP) software package SAP was integrated into the curriculum of an accounting information systems (AIS) course in an Australian university. process of Accounting Information Systems (AIS) adoption. DQ is emerging as a case studies by collecting qualitative data (interviews). .. System integration. an ETO system requires an integrated information system, able to manage a analysis is conducted through a qualitative case study methodology [6973]. The design of accounting information systems (AIS) courses including topics covered knowledge acquisition of students who completed a case study using . This article reviews the extant accounting information systems (AIS) literature Just on a decade ago, Poston and Grabski () reported a comprehensive review . study, case study, literature review/synthesis and model building (Poston. The paper uses an interpretive case study in which the GFMIS was imposed It has produced comprehensive and timely information about strategic a static phenomenon but one that changes over time to reflect new systems and

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