



“Gheorghe Asachi” Technical University of Iasi, Romania



DO ENERGY MANAGEMENT SYSTEMS ADD VALUE TO FIRMS WITH ENVIRONMENTAL MANAGEMENT SYSTEMS?

Iker Laskurain¹, Iñaki Heras-Saizarbitoria^{2*}, Martí Casadesús³

¹*Department of Management, The University of the Basque Country UPV/EHU, Faculty of Engineering, Gipuzkoa (Donostia), Europa Plaza 1, 20018 Donostia–San Sebastián, Spain*

²*Department of Management, The University of the Basque Country UPV/EHU, San Sebastian Business School, Plaza de Oñati, 1, 20018 Donostia–San Sebastián, Spain*

³*Department of Business Management and Product Development, University of Girona, Polytechnic School Campus Montilivi 17071, Girona, Spain*

Abstract

Integration of the management of energy and environmental systems was suggested by the scholarly literature in the early phase of dissemination of ISO 14001, as a potential way to improve the environmental performance of companies. Nevertheless, there has been little empirical work reported in the literature that explores this proposition in depth, or sheds light on relevant issues such as the additional effect of an Energy Management System when an Environmental Management Systems has previously been adopted. This lack of research is now even more evident as the adoption of Energy Management Systems is gaining momentum after the launch of ISO 50001 in 2011, following the example set by ISO 14001. The present work aims to shed light on these issues based on an in depth, empirical, exploratory study carried out in eight Spanish organizations. The findings make it possible to anticipate the benefits and potential pitfalls of the adoption of Energy Management Systems in companies that already have environmental certification.

Keywords: energy management systems, environmental management systems, integrated management systems, ISO 14001, ISO 50001

Received: January, 2015; Revised final: April, 2015; Accepted: April, 2015; Published in final edited form: January, 2019

* Author to whom all correspondence should be addressed: e-mail: iheras@ehu.es; Phone: +34 943018371; Fax: +34 9438360