

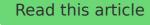








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## Abstract

The existing literature on the determinants for the development and adoption of ecoinnovations has generally focused on analysing the influence of business strategies and external drivers (public policy and stakeholder impacts) on innovation processes in firms. Internal factors to the firm such as resources, capabilities and competences (RCCs), which are important drivers of business strategies and innovation performance, are seldom considered in the literature. This paper builds an integrated framework that incorporates the impact of those firm's internal factors and their interactions with external drivers on the development and adoption of eco-innovations. The relevance of those factors regarding several dimensions of eco-innovation is illustrated with case studies. It is shown that, while all RCCs are relevant for the development and uptake of ecoinnovations, their relevance differs across eco-innovation dimensions.

Keywords:

eco-innovation resources

capabilities

environmental strategy

case studies

# Additional information

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Javier CARRILLO-HERMOSILLA is currently a Tenured Professor at the Department of Economics and Business and a research associate of the Institute for Economic and Social Analysis at the University of Alcalá (Spain). He is also a Fellow at the Centre for European Studies Jean Monnet at IE University (Spain). Previously, he chaired the department of Economic Environment of Business and co-founded the Center for Eco-Intelligent Management at IE Business School. His research interests include researching sustainable technological change and new policy and management models that address the environmental challenge in an innovative way. His advances in the field are expounded in numerous articles and works on environmental sustainability and technological change, published in international journals and books. Furthermore, he regularly contributes to leading newspapers and media and participates as a speaker in conferences on economics, business and the environment. Prof. Carrillo-Hermosilla holds a PhD in Economics from Universidad de Alcalá (Madrid) and an MBA with Honors from IE Business School.

#### Totti Könnölä

Totti KÖNNÖLÄ. Doctor of Science in Technology from Helsinki University of Technology. Managing Director and Co-founder of Insight Foresight Institute (Madrid) specialised in transforming innovation ecosystems. Experienced entrepreneur, researcher and consultant in the realm of innovation and sustainability management and strategic policy intelligence. Designed and coordinated many strategic foresight, appraisal, evaluation and decision-making processes together with industry management, research directors, policy-makers and other stakeholders. Editor and author of over 100 papers and/or books in the realm of innovation, foresight and sustainability.

#### Mercedes Bleda

Mercedes BLEDA is a lecturer in Economics and Strategy at MBS. She has a first degree in economics (University of Murcia, Spain), an MPhil in dynamic economics (Dept. of Quantitative Methods, University of Murcia, Spain), and a PhD in economics from CRIC (ESRC Centre for Research on Innovation and Competition Centre) at the University of Manchester in the UK. Her research interests centre mainly in the areas of evolutionary economics and complexity theory, simulation modelling techniques, and environmental and innovation policy. She has been a researcher in several projects in these areas for the ERSC and the EPSRC, the European Commission, and other institutions at the national and local levels, both in the UK and Spain.

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