

POS-D31

PD en Ingeniería de Proyectos/Project Engineering

INTEGRAL MODEL PROPOSAL TO ECO-PROJECTS

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Current project management (PM) models embedded on rationalisation and standardisation have been subjected of substantial criticism; real projects differences outweigh their similarities (Shenhar & Dvir, 1995), deep interest in the actuality of projects (Cicmil et al, 2006) and asymmetry between theoretical papers and empirical investigations (Svejvig & Andersen, 2014). Within this context, broadening boundaries of PM thoughts; global warning, biodiversity loss, resource depletion posed responsibility challenges primarily to companies and governments and ultimately to society (Esty & Winston, 2009). Over the last three decades, eco-design has evolved as a proactive management approach which take into account, at the earliest stages of product development, all environmental impacts throughout its life cycle (Pigosso, 2016). Since late '90 the Basque environmental agency (Ihobe) and business sector joined to implement the eco-design methodology by conducting pilot projects. Yet, Brones (2014) study revealed a gap between PM and eco-design knowledge areas and recommended additional research towards an eco-design-oriented PM. Sustainable and Green PM researchers extend out the integration of two additional dimensions, economic and social to traditional PM. To what extent the intensive experimentation in the Basque industry on eco-design projects contributes to explore and identify relevant variables of the phenomena to inform policy making and practice? The selected research strategy can be characterized as exploratory. To develop valid and reliable knowledge a systematic literature review has been chosen as the research methodology. In addition, rarely identical questions are addressed in management research which prevents results and the use of meta-analysis (Tranfield et al, 2003). Rather, realist synthesis was selected as the technical procedure. Recommended triangulation research design to mitigate method weaknesses is going to be accomplished with active interviewing on the field for data collection. Current research phase: Conducting scoping study Following phases: Conduct systematic literature review Contact project actors and conduct interviews