

# Co-construction of energy solutions: Lessons learned from experiences in Chile

Montedonico, Marcia

Herrera-Neira, Francisca

Marconi, Andrés

Urquiza, Anahí

Palma-Behnke, Rodrigo

© 2018 Elsevier Ltd The Energy Center has developed a co-construction methodology to address the challenges of technology transfer-based on distributed generation projects- in the context of energy transitions in isolated locations. Based on the experiences developed between 2010 and 2017, this paper analyses the process of preparing the Co-construction methodology. New tools were identified under the light of a theoretical-methodological reflection and a new version of co-construction methodology is proposed from this discussion. This learning process combines academic research and applied projects. It has provided Energy Center with an improved set of tools for current projects, and also contributed to a theoretical-methodological discussion based on new research activities. The main problems of method faced are presented during interdisciplinary work, such as: common understanding of fundamental concepts (sustainability, participation, community); the domination of one discipline ov