Peer-to-peer energy sharing in communities

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[1] *Energy for Sustainability (MIT-Portugal,University of Coimbra, Portugal.)*

Abstract (not more than 300 words)

This paper focuses on systemic interventions within the energy field that yield positive social and environmental benefits. Specifically, providing insight of the values dimension of peer-to-peer energy sharing models. The implementation of the first peer-to-peer energy sharing initiative in Portugal with Virtual Power Systems, tailoring of many nationwide & European-wide Innovation Action show real cases at European markets relevant to renewables.

Keywords—*energy, peer-to-peer, renewables.*

Professional Biography (100-150 words)

Lurian is a Project Manager and Innovation Analyst at Virtual Power Solution, where he is currently involved in the implementation of the first peer-to-peer energy sharing initiative in Portugal. Lurian is a PhD researcher focusing on systemic interventions within the energy field that often yield positive social and environmental values. Specifically, my research looks at peer-to-peer energy sharing initiatives (i.e., electricity exchange among grid-connected peers) from a values-based perspective, in an attempt to scrutinise the assumption that social values emerge as a core outcome of the multiple human-to-human energy sharing interactions within such initiatives.



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