

Solar pv institute in ghana

Abstract This report assesses the potential of solar photovoltaic (PV) irrigation for smallholder agriculture in Ghana, using elements of business planning and business models with a suitability mapping approach. These approaches take into account the economic as well as environmental sustainability of expanding such technology. Using data from existing solar PV irrigation systems and interviews [⋯]

Gebrezgabher, S.; Leh, M.; Merrey, D. J.; Kodua, T. T.; Schmitter, P. 2021. Solar photovoltaic technology for small-scale irrigation in Ghana: suitability mapping and business models. Agricultural Water Management - Making a Business Case for Smallholders. Colombo, Sri Lanka: International Water Management Institute (IWMI). 50p. (IWMI Research Report 178). [doi: [https://doi /10.5337/2021.209](https://doi.org/10.5337/2021.209)]

Home >> Projects >> Completed Project >> Adoption of solar PV solutions in informal settlements: case studies from South Africa and Ghana
This project compares two case studies of solar energy implementation in informal settlements: the iShack solar PV project in South Africa, and a solar lamp trial in Ghana. Key learnings from the two cases will be extracted and presented in the form of a journal article, a policy brief and a short video to be shared online.

Dates: 2017 – 2018
Partners: Slum Dwellers International
Client: African Development Bank
Focus Area: Sustainable Infrastructure, Sustainability in the African Context
Spatial Scope: National

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