

Tackling barriers to solar irrigation in sub-Saharan Africa: Regional insights from entrepreneurs

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Host:

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Introduction

- Since 2015, food insecurity in SSA has worsened, exacerbated by several global crises such as climate change ¹
- 80% of the region's food is produced by smallholder farmers ²
- 90 % of cropland is rain-fed ²

High potential for solar irrigation to increase yields and be more resilient

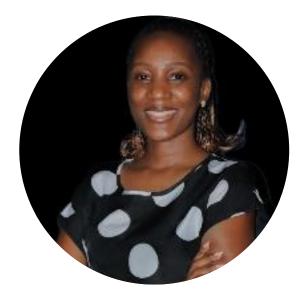


Solar Powered Pump (Getty Images / Toa55)

¹ IPCC, 2022. Sixth Assessment Report - Regional fact sheet - Africa. https://www.ipcc.ch/report/ar6/wg1/downloads/factsheets/IPCC_AR6_WGI_Regional_Fact_Sheet_Africa.pdf ² Falchetta et al., 2023. Solar irrigation in sub-Saharan Africa: economic feasibility and development potential. Environmental Research Letters. DOI: 10.1088/1748-9326/acefe5



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