## SOLAR PRO.

## Uganda solar panel plus farming

This National Roadmap for Productive Use of Solar Energy (NR-PUSE) has been prepared by the Ministry of Energy and Mineral Development (MEMD) in partnership with the Uganda Solar Energy Association (USEA) and GOGLA, with the financial support of ...

Agrivoltaic systems - agriculture combined with raised photovoltaic (PV) solar panels - offer benefits for food, energy and water security, all on the same land footprint and avoiding vegetation removal and associated land degradation.

As a smallholder sugarcane farmer of Buleeba village in Uganda"s Jinja district, Nkaire Wilson experienced the challenges that many farmers in the sector face. Over the years, Nkaire Wilson"s sugarcane farming ...

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The company is expected to have completed all construction works of up to 687 solar-powered water irrigation sites in Uganda and hand over the project to the government by the end of 2024.

Selected farmers in northern and eastern Uganda have been beneficiary in adopting solar water irrigation technology with the help of the British government and a technology uptake organisation.

BGFA is expanding its portfolio in Uganda and has signed a new agreement to scale up solar powered water pumps and irrigation systems in the country. Through access to off-grid irrigation systems, smallholder farmers are able to increase their annual crop yields.

At least 600 farming communities from rural Uganda are set to benefit from an innovative solar-powered irrigation system to enable them cut production costs and up yields in the wake of climate change effects.

By bringing solar power closer to farmers, Heifer Uganda is contributing to this mission. Going forward, the project intends to scale up operations by conducting feasibility studies to design optimal solar solutions for other Heifer-supported dairy cooperatives.

As a smallholder sugarcane farmer of Buleeba village in Uganda"s Jinja district, Nkaire Wilson experienced the challenges that many farmers in the sector face. Over the years, Nkaire Wilson"s sugarcane farming yields diminished significantly.



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