

Can small-scale private irrigation help the Sahel region?

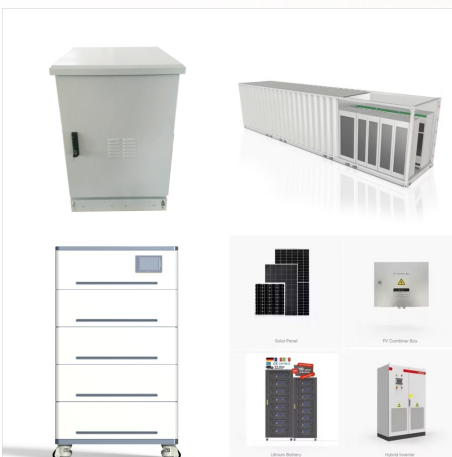
In the Sahel region, small-scale private irrigation is seen as a way of helping the most vulnerable people improve their incomes. This is what the EU IRRINN project set out to do in Burkina Faso. Some 40 market gardeners now benefit from solar-powered pumps, thanks to an innovative funding mechanism.

What is the irrinn project in Burkina Faso?

It was in this context that the IRRINN project was launched in Burkina Faso. It is coordinated by CIRAD, includes six other partners* and is funded by the European Union under its DeSIRA programme. IRRINN is developing farmer-led irrigation around Ouagadougou.

What irrigation techniques are used in Senegal?

Firstly, IRRINN tested a range of small-scale private irrigation techniques such as boreholes with submerged or surface pumps powered by solar panels or generators, micro-drip or drip systems, small concrete tanks (a technique used in Senegal) or large-diameter wells. Of those techniques, boreholes with submerged solar pumps proved most popular.



Tuesday, June 29, 2021 ??? The Global Green Growth Institute (GGGI) and the Government of Burkina Faso officially launched the Promotion of the solar pump irrigation system and solar mini grids in Burkina Faso project in Ouagadougou. This project is part of GGGI's Solar Irrigation Global Program.

SOLAR SYSTEM IRRIGATION PROJECT BURKINA FASO



The population in Burkina Faso is rapidly adopting irrigation to adapt to negative impacts of climate change like prolonged drought, rainfall variability and desertification. The ???



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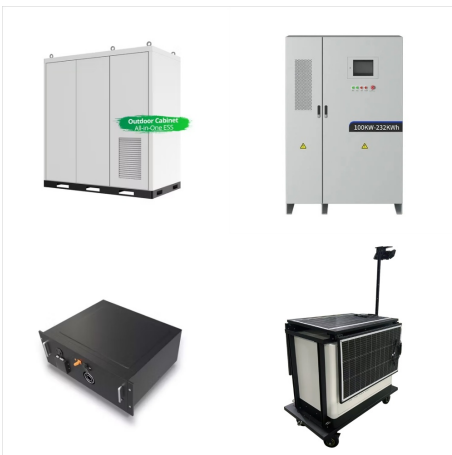


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Marcellin DRABO, through his company "Africa Energy Solaire", has developed a solar pumping system using submersible pumps. This pump is mainly intended for small-scale farmers on low incomes. It will enable them to easily irrigate their fields while saving water.



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The population in Burkina Faso is rapidly adopting irrigation to adapt to negative impacts of climate change like prolonged drought, rainfall variability and desertification. The solar water pumping systems (SWPS) could be an attractive option in view of climate change impacts, increasing diesel costs and grid electricity scarcity that the

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Burkina Faso; September 13-17, 2021 ??? The Global Green Growth Institute (GGGI), as part as the implementation of its project "Promoting Solar-powered Irrigation Pumping Systems and Mini-grids in Burkina Faso" visited three localities named Rawelgue, Bama, and Leguema for the installation of solar-powered irrigation pumps for project pilot



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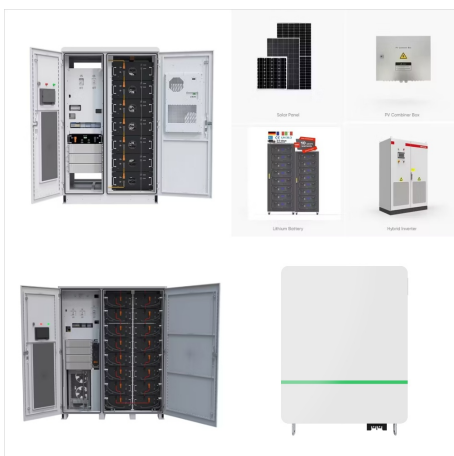
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A solar drip irrigation system was installed in the village of Sansogona near Bobo Dioulasso in Burkina Faso on a cooperating farmer's field as a part of the Appropriate-Scale Mechanization Consortium (ASMC) funded by the USAID Feed the Future ???



Objective : The project aims to support Burkina Faso having a more climate-resilient communities, Empowered women in Green Entrepreneurship, a more stable food supply, clean and energy-efficient alternative to diesel-run irrigation pumps, contributing to poverty reduction, new green jobs, improved nutrition and health, and reduced GHG emissions.

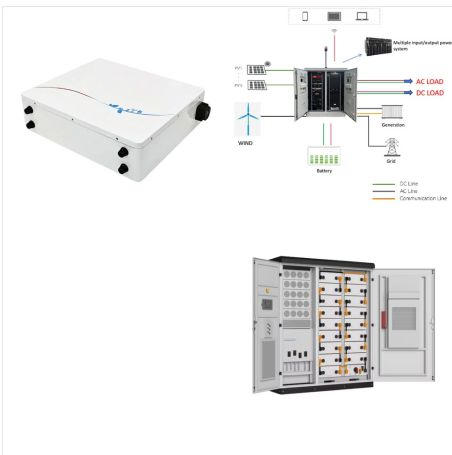


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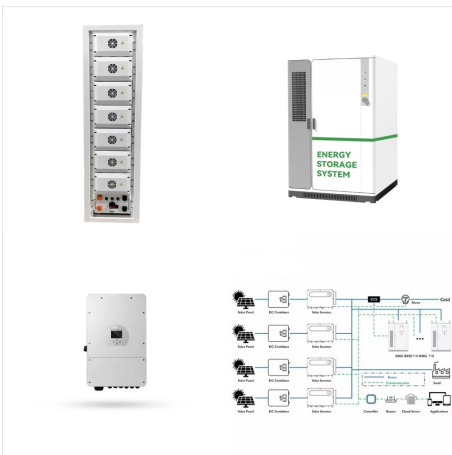


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Farmer led irrigation (FLI), is expanding rapidly in Africa, particularly in Burkina Faso, where thousands of farmers mobilise water from close-by water sources in the dry season or during



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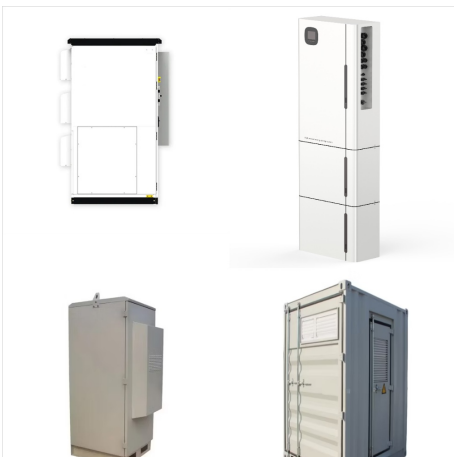


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