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Solar Powered Irrigation: ACHIEVING INCLUSIVE ACCESS FOR WOMEN

FEED THE FUTURE INNOVATION LAB FOR SMALL SCALE IRRIGATION

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Meet the Assime family in Paga, Ghana





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Solar powered irrigation offers high potential for farmers in Africa

Finance is central to realizing solarized irrigation as a solution, especially for women farmers.





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WOMEN FACE MORE CONSTRAINTS TO ACCESS SOLAR PUMPS

Supply side:

- Neglected by suppliers & finance

Demand side:

- Often more risk averse
- Lack complementary inputs
- Intra-household relations





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WOMEN AS SOLAR PUMP MARKET ACTORS

- Participate in organizations, social networks
- Experience with savings and loans
- Financial literacy
- Diversified farm and non-farm income
- Pumps used for multiple purposes
- Access to credit for complementary inputs
- Access to production and market information
- Access to markets for irrigated produce





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PRIVATE SECTOR, MARKET SYSTEM LESSONS ON INCLUSIVITY

- Gender inclusive sales team
- Gender responsive credit worthiness tools
- Credit committees, customer service trained to support women's applications
- Credit terms inclusive, flexible
- Inputs bundled under the same finance product
- Finance tools adapted for women's groups
- Partnerships enable agronomic and marketing support
- Engage companies, value chains, public sector and donors through public platforms



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Thank you!



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