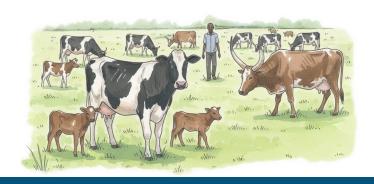
POWERING DAIRY WITH SOLAR IN UGANDA

POWER # ALL

Solar power can boost yields, cut losses, and create new income by reducing inefficiencies across the entire value chain*









Farmers

SOLAR-POWERED CHAFF CUTTERS

30% ↑

EFFICIENCY

10%↑



SOLAR WATER PUMPS

90% ↓
REDUCTION IN

DIESEL EXPENSES

33% ↑

FARMER PROFIT

100%↑

INCREASE IN DRY-SEASON PRODUCTIVITY Rural Transporters/Traders

BODA BODA E-BIKE

60% ↓

REDUCTION IN FUEL COST VS. PETROL BIKES

100%个

INCREASE IN NET DRIVER INCOME VS. PETROL BIKES Cooperatives/Aggregators

SOLAR COOLING

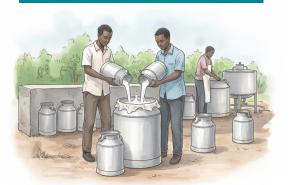
30%↓

REDUCTION IN SPOILAGE

15,000 ↓

REDUCTION IN ANNUAL TONS OF ${\rm CO_2}$

Rural Retailers (Raw Milk/Informal Market)



Milk Processors

SOLAR MINI-GRIDS

18-22%

INTERNAL RATE OF RETURN (IRR)*

20-30%↑

PRICE PREMIUM FOR QUALITY

70%OF DAIRY LABOUR

OF DAIRY LABOR IS DONE BY WOMEN



Distributors



Retail