



A G S O L

# THE MICROMILL IN NUMBERS

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At Agsol, we are committed to showing that the MicroMill is not just a good business investment—it's a transformative one. And we are gathering increasingly more data to prove it!

By partnering with 13 millers equipped with **remote monitoring IoT units**, we collect invaluable data on energy consumption. As a Productive Use of Renewable Energy (PURE) tool, the MicroMill's energy usage directly correlates with production and revenue.

Thanks to our data partner ClimaFi, we've now automated the IoT data collection process, providing us with near real-time visual updates on key metrics. As our dataset grows, the automated data collection and analysis help us refine our understanding of the milling business, paving the way for innovative payment plans.





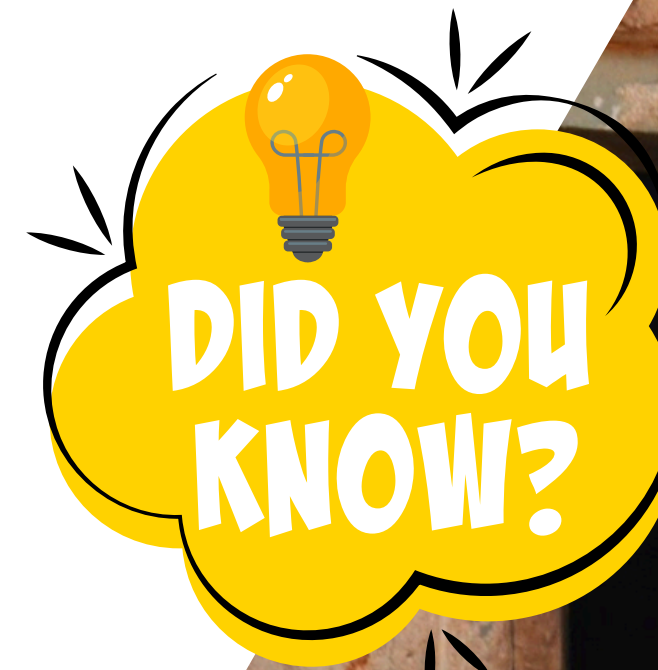


**13 millers processed 23.8 tonnes of maize last month with a total energy consumption of 367 kWh**

This represents a 20% increase in production from the previous month. In July, we'll be conducting interviews with our IoT millers to gain deeper insights into the milling business, examining factors like seasonality and competition. This understanding is crucial for creating payment plans that align with business success.

**Each miller, on average, uses 28 kWh per month, producing 1,820 kilos of flour and earning over 18,000 Kes in revenue**

Verasol's test report shows that the MicroMill produces an impressive 65 kilos of flour per kWh. With a power consumption of only 750 W, the MicroMill is exceptionally cost-effective. As one of our on-grid customers, Francis Amonde, puts it: "I haven't even seen an increase in my electricity bill; it's that efficient."







## EXPLORING DIVERSE SEGMENTS

Our monitoring spans a broad spectrum of millers, from urban grain traders utilizing the MicroMill on-grid to off-grid rural micro-enterprises powered by solar energy. With the support of partners like Welthungerhilfe (WHH), we also have 16 women's groups in rural Kenya operating the MicroMill as a business. This model is clearly effective, as some of these groups are now leading in production, milling over 2 tonnes a month after only being in operation for 6 months.

The insights gathered from 13 millers using IoT technology reveal but a glimpse of the impact of the MicroMill - backed by success stories of real millers! With minimal energy consumption and significant revenue potential, the MicroMill proves to be a profitable investment for a wide range of users.



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