

MoneyMaker: Low-cost irrigation pumps

Low-cost irrigation technologies for increasing incomes for smallholder farmers.



MoneyMaker offers a range of irrigation pumps suitable for small plots in sub-Saharan Africa, including the MoneyMaker Hip, Starter, and Max, with varying flow rates and capacities. These non-motorized pumps are compact and designed to support small-scale farmers in transitioning from rain-fed farming.

✓ This technology is **validated**.

9-7



Scaling readiness: idea maturity 9/9; level of use 7/9

Gender assessment

3

Climate impact

7

Problem

- Water scarcity affecting crop irrigation in small farms
- Challenges with manual and labor-intensive irrigation methods
- Financial barriers hindering adoption of modern irrigation technologies

Solution

- MoneyMaker irrigation pumps mitigate water scarcity by providing reliable water sources.
- They replace manual and labor-intensive methods, offering efficiency.
- Cost-effective solutions like the Starter Pump enable transition to sustainable practices.

Key points to design your project

Low-cost irrigation pumps offer an efficient solution for watering crops, reducing labor and expenses compared to manual methods. To integrate this technology:

- Raise awareness through community demonstrations.
- Provide thorough training for maintenance and operation.
- Consider costs and quantity needed,
- Collaborate with agricultural institutes and fleet managers for adoption.

Cost: \$\$\$ **50—90 USD**

Hip & Max Pumps cost

150 %

Farmer increases their farm produce



Open source / open access

Commodities

horticultural crops, Vegetable crop

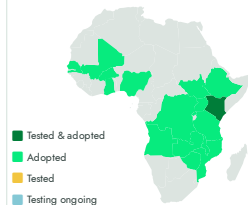
Sustainable Development Goals



Categories

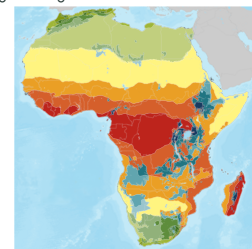
Production, Equipment, Irrigation

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Farmers, Manufacturers



MoneyMaker

<https://taat.africa/iik>

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