

MoneyMaker Low-cost irrigation pumps

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



KickStart International Inc.
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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 **pre-validated**. 9·7 Scaling readiness: idea maturity: 9/9; level of use: 7/9

Cost: **\$\$\$ 50—90 USD** **200—500 %**
Pumps cost Farmer increases their farm produce

💡 IP
Open source / open access

Commodities
horticultural crops, Vegetable crop

Sustainable Development Goals

Categories

Production, Equipment,
Mechanized farming

Tested/adopted in

■ Tested & adopted
■ Adopted
■ Tested

Where it can be used

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

Target groups

Farmers, Manufactures

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 business plan

The low-cost irrigation pumps technology appeals to manufacturers, resellers, and farmers.

Manufacturers

- Identify reliable suppliers of raw materials.
- Establish efficient transportation methods.

Resellers

- Source pumps from reputable manufacturers.
- Develop efficient transportation channels.

Users

- Partner with experienced sellers or managers.
- Understand the cost of acquiring and operating pumps.

Gender assessment 👍 3

Climate impact 👍 7