
Three-phase investment in folding containers for agricultural irrigation

Is irrigated crop production a viable option for smallholder farmers?

tential for sustainable expansion (IFAD and IFC, 2022). The financing gap for SSI is significant, but it is expected that a substantial proportion of the 500-million-person global market represented by smallholder farmers could benefit from introducing irrigated crop production and increase their net

Can irrigation improve agricultural yields?

Irrigation can lead to agricultural yields two to three times as great as those of rainfed agriculture, allowing for investment in irrigation systems to be recouped because higher-value or higher-yielding crops can be produced.

What is farmer-led irrigation development?

Farmer-led Irrigation Development (FLID) is the process where farmers, alone or as a collective, take the lead in the establishment, improvement, or expansion of irrigated agriculture. Characteristically, farmers who autonomously develop irrigation are entrepreneurial innovators, targeting new markets and investing their own resources.

What are the barriers to accessing financing for agricultural inputs & irrigation technology?

Women, youth, and marginalized groups face additional barriers to accessing financing for agricultural inputs and irrigation technology investments. Lack of access to financing from formal credit providers can prevent marginalized farmers included in irrigation systems from obtaining and using inputs to achieve high yields.

Smallholder agriculture is the predominant form of farming in much of the developing world, yet agricultural production falls short of its ...

This review paper addresses challenges in the water sector, particularly in irrigated agriculture, aiming to propose solutions for meeting ...

Introduction Over the past 40 years, the International Fund for Agricultural Development (IFAD) has been promoting investments in irrigation development, especially at ...

In spite of the investment and efforts made for irrigation development, many irrigation schemes in Ethiopia are performing below design expectations l...

FOReWORD Significant and responsible public and private investments in irrigation are vital for delivering on the 2030 Agenda - from reducing poverty, improving food and ...

In an attempt to identify solutions to the effects of erratic rainfall patterns and droughts that limit agricultural production growth, the Rwandan government has recently ...

It is used to produce and transport energy in different forms throughout the entire 'agri-food'

supply chain, such as water storage for irrigation and hydropower generation [4]. ...

Although investment in irrigation plays crucial role in improving agricultural productivity and enhancing livelihoods of smallholders in ...

In this study, comparative economic analysis is aimed for irrigation. For this purpose, plant costs and operating costs of irrigation ...

A two-phase investment evaluation framework for PVRW projects is constructed using RO theory. Compared with the traditional NPV model, this method can accurately ...

There is an urgent need for alternative ways of investing in smallholder irrigation in Sub-Saharan Africa (SSA) that are adaptive and ...

Discover how efficient irrigation systems enhance sustainable farm designs for optimal water use and crop success.

Abubakar Kyari, Minister of Agriculture and Food Security, has described irrigation and water infrastructure as critical enablers for transforming subsistence farming into a ...

Smallholder agriculture is the predominant form of farming in much of the developing world, yet agricultural production falls short of its potential due to lack of access and right to ...

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