

# CASE STUDY: Saving water and generating income with Climadapt financing to build a modern greenhouse



Given the high prices for tomatoes in local markets of Tajikistan during the winter time, Mr. Mallaev, a farmer in Vakhsh saw an opportunity to increase his income by building a greenhouse. The innovative part of the project was the introduction of the drip irrigation system, which substantially decreases annual water use and also improves crop yields. Mr. Mallaev noticed that modern technology helped to save not only water, but minerals, fertilizers and labor. He is planning to grow 25 tons of tomatoes this year from his greenhouse.

With an investment size of approximately USD 4,300, he can benefit from annual water savings of 432 m<sup>3</sup>/year and increased yields of 5 kg of tomatoes from each plant. The simple payback period is about 3 years.



For more information on how Your Company can obtain Climadapt financing, visit [www.climadapt.tj](http://www.climadapt.tj) or call +992 37 2213789

## The Company

Main activities

Production of tomatoes in greenhouse

Region

Vakhsh District , Southern Tajikistan

## Project Goals & Main Investments

Project Goals

The Project aims to:

- Increase of water efficiency
- Increase of productivity of yields

Main Investments

- Construction of a greenhouse

Investment Size

- Approximately USD 4,300

## Results of the Project

Operational Results

- Water savings: 432 m<sup>3</sup>/annum

Investment Profitability

- The payback period is about 3 years

