



CLIMATE-SMART SOLUTIONS ARE PAVING RESILIENT

The Transformation Is Obvious

As part of the programme, Ahmad received a solar-powered sprinkler irrigation system—a life-changing upgrade that made a huge difference in his life. The system reduced his irrigation time from eight days to three, cut fuel costs by 50%, and allowed him to more than double his cultivated land, from 15 to 35 dunums.

“The sprinkler system and solar energy reduced my expenses by five times,” he says with relief, “And the training I received taught me how to install the system on both sides of the field, which made irrigation more efficient.”

Beyond lowering the cost, this support has allowed Ahmad to be able to plan ahead and grow his business even more. His crop yields are expected to rise by **30%**. Before SRI's support, he earned about 3,280 USD (2647 GBP) for twenty dunums of wheat. Now, he expects to earn an additional 1,000 USD (807 GBP). Ahmed is also planning to diversify his farm with vegetables and corn for animal feed—new sources of income that will help buffer his family's income and wellbeing against economic and environmental shocks.



Photo of Ahmed next to the solar panels in Al-Hasakeh Governorate