



**WF-AID**

ECONOMIC EMPOWERMENT & DISASTER RELIEF

# ARTESIAN WELL PROJECT LEBANON

Project Update  
Ver 0.1



**20 OCTOBER 2023**



Imam Hasan  
*Foundation*

DIGNITY  
THROUGH  
OPPORTUNITY

# Project Overview

The proposed solution to boost agricultural development is the digging and installation of a non-flowing artesian well, with a depth of 600-630 meters. This well will be supplemented by photovoltaic solar panels to power the pumping system. The decision to use an artesian well was based on the availability of good-quality groundwater with low hardness and salinity and its safe distance from pollution sources. Moreover, the existing wells in the area are insufficient to cater to the needs of the population.

Furthermore, as part of the larger objective of the project, the local farmers will be trained to handle their agricultural business effectively.



Example of agricultural activities done previously by our ground partners.

# Progress

The first milestone was achieved when our ground partners successfully brought on board a geological specialist last week.

This expert conducted an on-site inspection of Ayta-Chaab and subsequently generated an initial report on the geological and hydrological conditions in the area. This report identified potential sites for the planned well.

Fortunately, the study revealed a significant groundwater flow, indicating that the water production capacity is expected to moderately exceed the projections outlined in our ground partner's initial proposal. The process of obtaining the drilling license has also been commenced.

Below is the banner that will be set up on the project location.

## FULLY FUNDED BY



**PROJECT COST**  
**AUD\$275,000**

**LOCATION**  
*Ayta Shaab village*  
*Bint-Jbiel district*  
*South Lebanon*

**SOLAR POWERED**  
**ARTESIAN WELL**  
**SOUTH LEBANON**  
**Benefitting 3,200 people monthly**

## MANAGED AND MONITORED BY:



**IMAM JA'FAR SADIQ (A.S.) SAYS:  
“AN ACT OF CHARITY GIVEN  
OPENLY PREVENTS SEVENTY  
TYPES OF MISHAPS, AND A  
SECRETLY GIVEN CHARITY COOLS  
THE ANGER OF OUR LORD ALLAH  
(S.W.T.)”**

**BIHAR UL ANWAR V93, P130R**