

Municipality of Jdeidet El Chouf



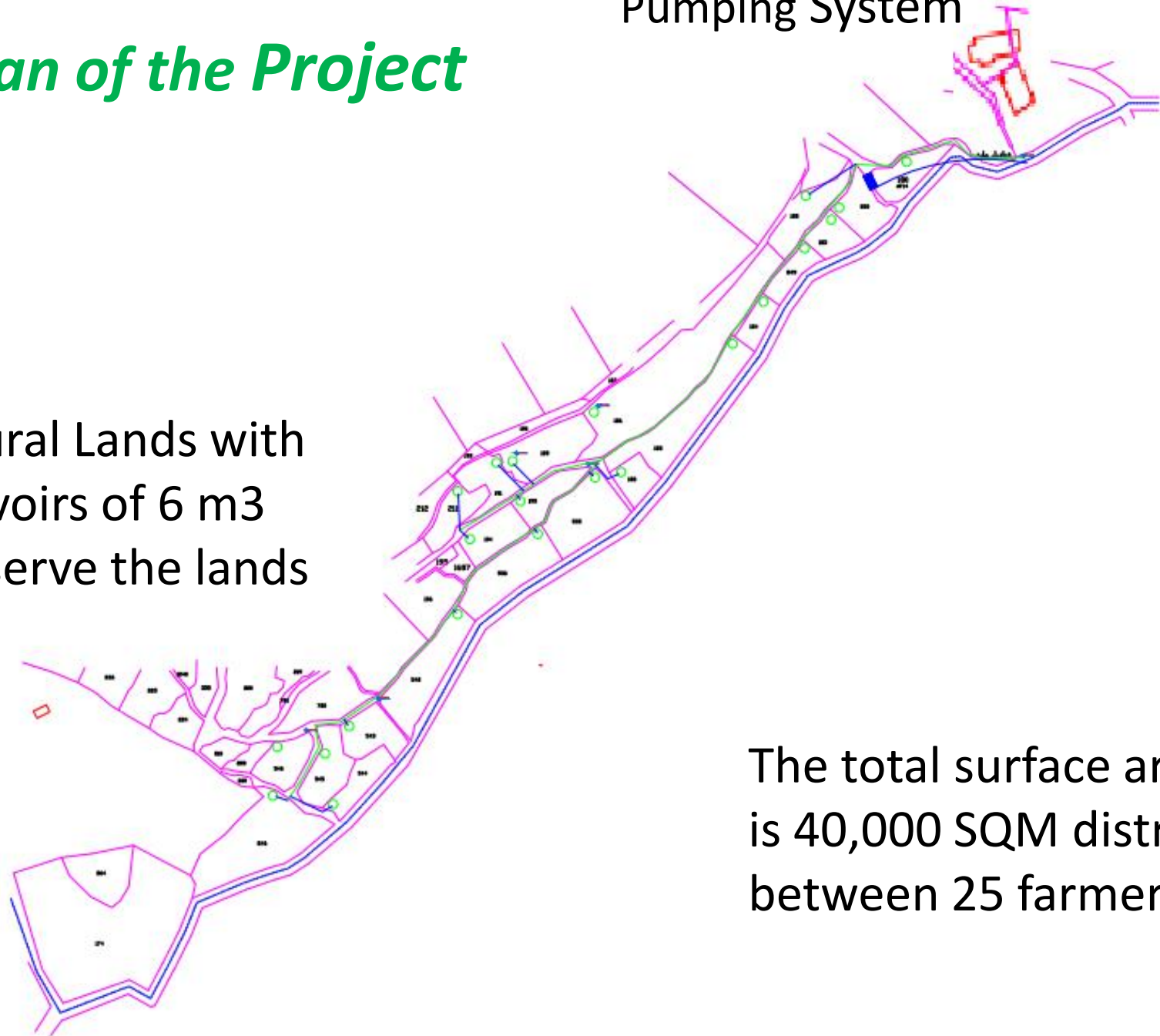
- The Jazira project aims at providing irrigation water to the area, by installing a water storage and irrigation system. This project would encourage the farmers to reinvest in their land and increase the agricultural production.
- The project consists of installing a water transmission system that would feed individual reservoirs which will be implemented in the agricultural lands of the farmers. River water will flow through pipes by gravity to a pumping station, where a PV powered pump will be installed to transfer the water to reservoirs at higher elevations.
- The project supports water saving, food security and energy efficiency through expanding agricultural areas, increasing agricultural production, exploiting surface water sources, and conveying water in an efficient way powered by the renewable energy of the sun thereby targeting the three axis of the water-energy-food NEXUS.

Descriptive Plan of the Project

Pumping System

River Bank

Agricultural Lands with
25 reservoirs of 6 m³
each to serve the lands



The total surface area of the land
is 40,000 SQM distributed
between 25 farmers