



# Wahat Farm

Coal Free Farm  
in Egypt





Wahat Farm, located 60km outside of Cairo, in the Western Desert of Egypt has reclaimed hundreds of hectares of desert through regenerative agriculture.

The farm operates entirely using renewable energy powered by solar panels.

Wahat Farm also uses an extensive irrigation system that is fully driven by renewable energy.





Groups of solar panels are located next to each field. It takes 21 solar panels per field to pump the water and operate the pivot.

Changes are made to the post so that the panels can be rotated. Each section of solar panels are rotated 3 times a day to face the sun for maximum efficiency.



Located outside the main house are the solar panels that power clean energy throughout the property.

To heat the house during winter, coils under the tiles heat up the floors and provide consistent warmth.

Inside the house, everything is powered by solar energy.



# Media Links

## **The SEKEM website**

**SEKEM Europe GmbH is the German subsidiary of the SEKEM Group\_selling organic food and textiles on the German market**

**The Ecosystem Restoration Camp on Wahat farm**

**A visitors account from Wahat Farm - April 2022**

**The Heliopolis University for Sustainable Development**





**‘No one can go back  
and make a brand new start.  
But anyone  
can start from now  
and make a brand new ending’**

Dr. Ibrahim Abouleish : founder of SEKEM Wahat