

**SUNCITY**

# **Solar Solutions For Small Farmers**



**SunCity**



- **SunCity is an Egyptian, African startup that was founded in 2015 by 3 young Egyptians**
- **Address energy accessibility in the agriculture sector focusing on small farmer**
- **Employ innovation and solar energy to serve low-income farmers**
- **Disrupt irrigation practices in the agriculture field**
- **Received several international prizes and recognition for our social innovation**



# PROBLEM . . .





# Diesel Pumps



**\$ Irrigation Cost**



**High & Periodical**



**CO<sub>2</sub>**  
**54 KG/acre/1 Irrigation**

**Lifetime**

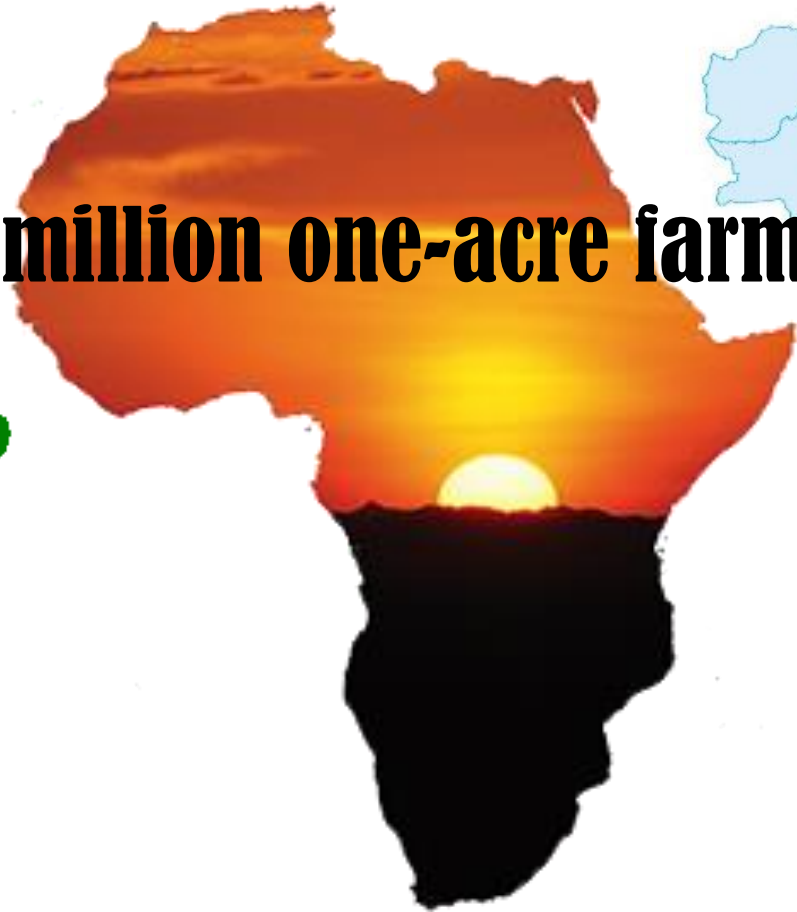
**5 Years**



**\$ Unit Price**



**500 million one-acre farmers**





# Achievements



**Mobile Solar Water Pump**





# MOBILE SOLAR PUMP



**60 M3/hour** (Capacity)

**5 hours** to irrigate 1 acre

**Serves up to 10 Acres**

**Saves \$ 300 / acre / Year**

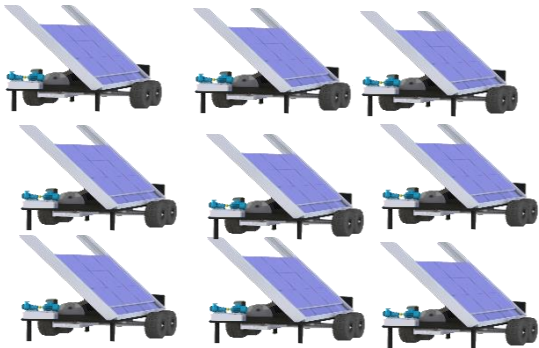
**\$ 2,500** (Price)





# Economic & Environmental Impacts

1,000



**We Build and Sell**



**Create 7 to 10 green jobs**



**Cut thousands Tons of CO2**



**Cut Millions of Liter of subsidized diesel**



**Save millions of Operating cost/Y**





# Barriers and Solutions



- **Technical**
- **Commercial**
- **Financial**



# Future Plans



- **Strategic Partnerships**
- **Financing schemes**
- **Development Organization Support**
- **Expansion**