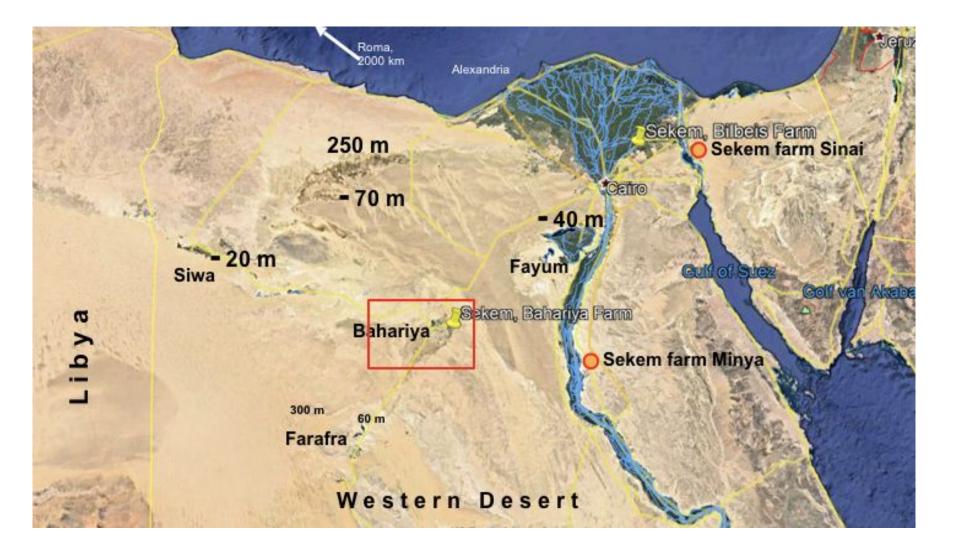
# SEKEM-Wahat Greening The Desert

2-10 years plan in the frame of the 4 dimension and SEKEM 2057 vision goals

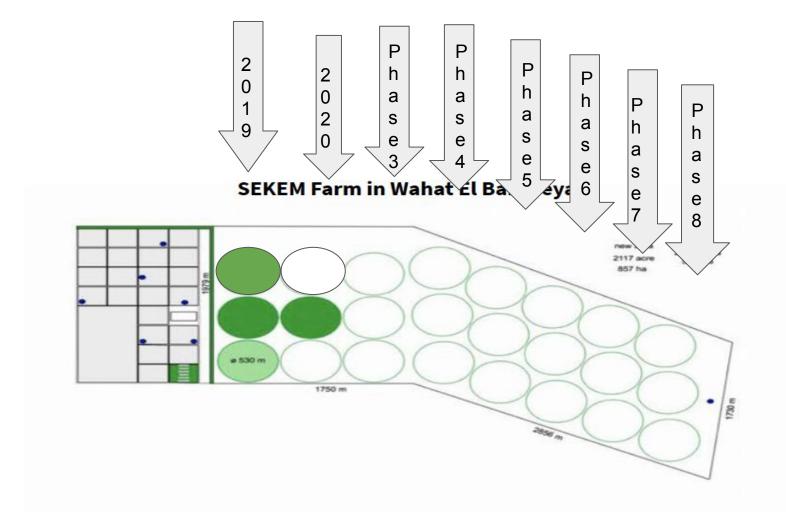




# Phase 1

Funding: 100% accomplished

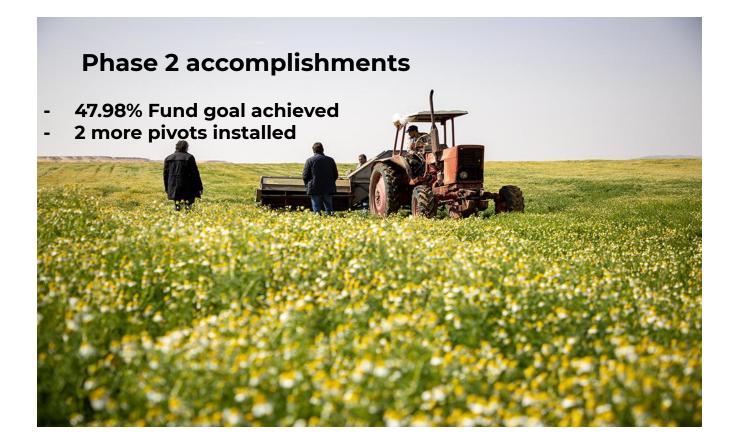
Installation 3 Pivots installed 150 feddan of desert land is reclaimed



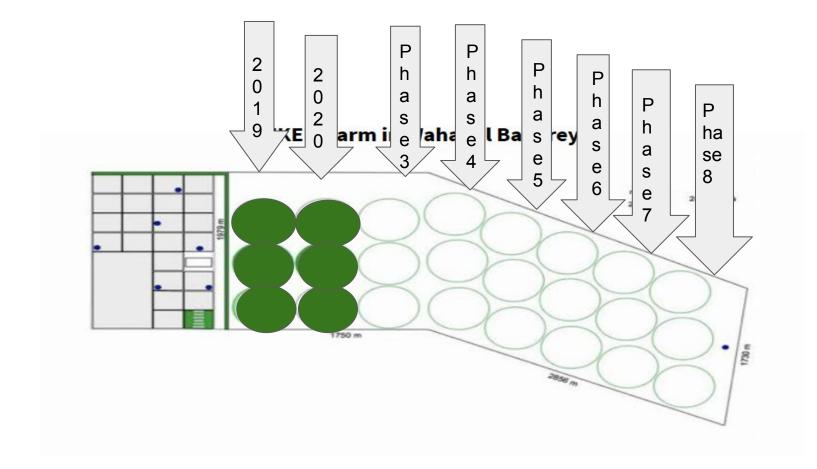
## Phase 1: Summary of Funding Details

Kind of Contribution	Amount	Percentage
CO2	€26,744.77	6.64%
Loan	€180,900.00	44.90%
Donation	€134,057.41	33.28%
Tree Planting	€61,169.69	15.18%
Total	€402,871.87	100.00%

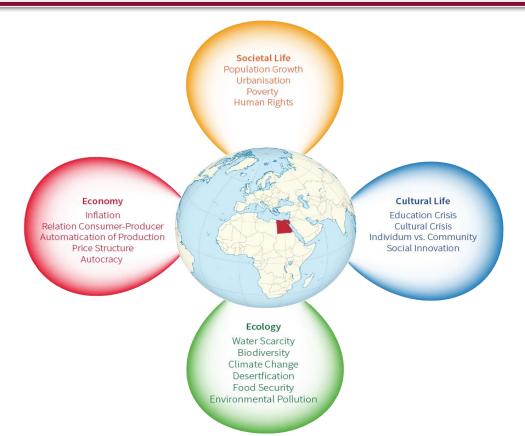




Kind of Contribution	Amount	Percentage
Co2	€54,290	28%
Donation	€90,400.00	47%
Loan	€681.31	1%
Other	€46,535.00	24%
Total	€191,906.00	100%



## Vision plan for SEKEM-Wahat- Greening the desert in the frame of the 4 dimensions and SEKEM 2057 vision plan



#### SVG1: Educational Model-Culture life

2 years plan

Education program

10 years plan

holistic school in found Vocational training center is established



#### SVG 3: Holistic Research-Culture life

#### 2 years plan

Continued research about water resources and discharge is conducted

#### 10 Years plan

HU - Desert Research Center is established.

2 years plan

SVG 4: Integrative Health Care

Basic health care center is established

10 years plan

An **Integrative health care center** is founded

#### 2 years plan

#### SVG 5 : Art and Culture

Annual SEKEM Festivals are hold Quarterly culture programme is held

10 years plan

MATERIA ANA

 "Space of Culture" is established (Public Theater)



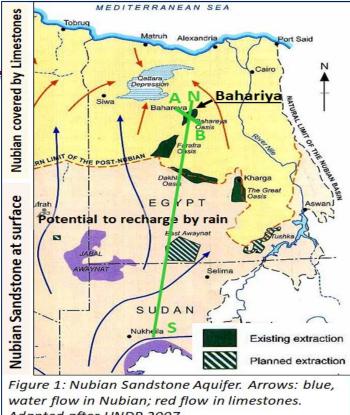
#### SVG 7: Water Management

#### 2 years plan

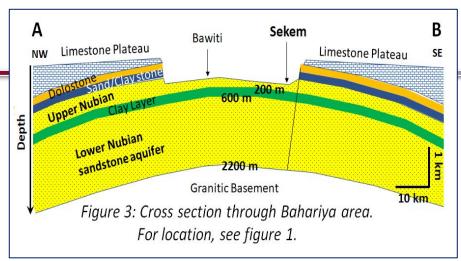
100% biological wastewater
 management -

### 10 years plan

Clarity on the recharge rate of nubian aquifer



Adapted after UNDP 2007



- Fossil water resources
- The water resources in Bahariya are dependent on pumping groundwater from theNSAS (Nubian Sandstone Aquifers System).
- The water table lies between 20-70 meters under the surface, therefore pumping is necessary.
- Water storage is enough for 200 years

SVG 8: Renewable Energies

#### 2 years plan

All water pumps are driven by hybrid solar systems

#### 10 years plan

All of SEKEM Wahat relies solely on renewable energy resources



#### SVG 9: Biodiversity

2 years plan

Baseline study for biodiversity

10 years plan

Improvement of biodiversity



#### SVG 11: Zero Waste Management

2 years plan

Waste segregation unit

10 years plan

Zero waste for SEKEM
 Wahat is accomplished

#### SVG 12: Circular Economy

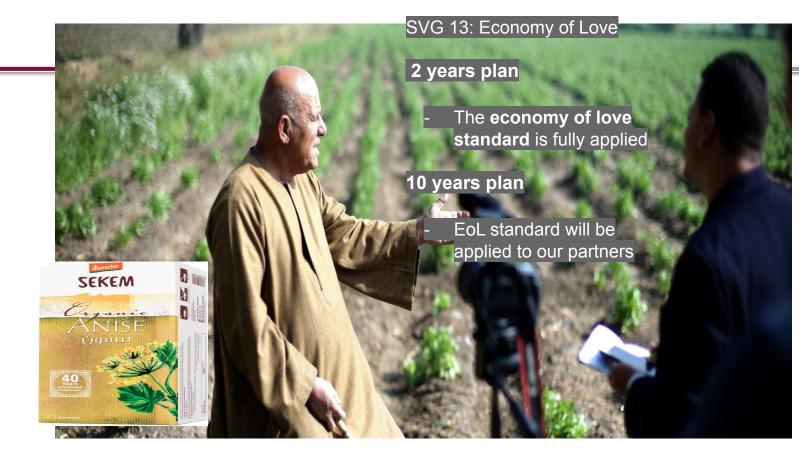
#### 2 years plan

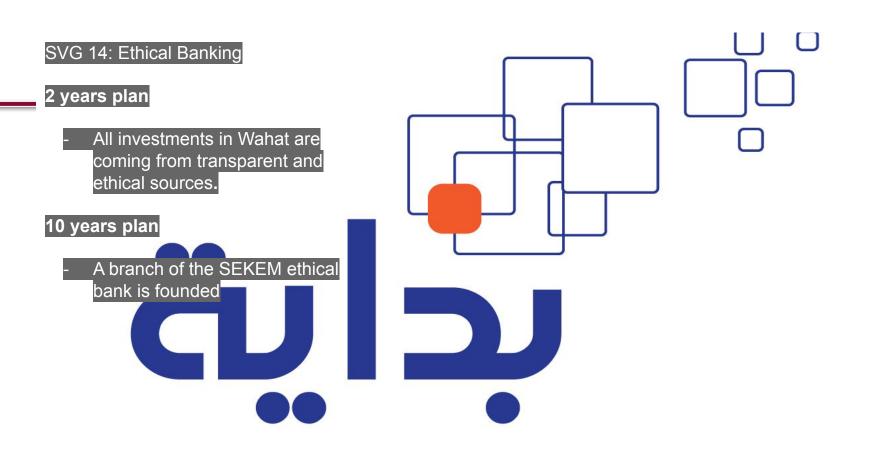
YATU Circular Economy concept is started

#### 10 years plan

Circular Economy is established











# SVG 17: Internal Governance

2 years plan

SEKEMsophia workshops are

10 years plan

A multicultural and diverse community

SVG 18: External Governance
2 years plan

Our connection to the local community of Baharyia is established (NGO)

10 years plan

I I SARA PARA

HARPS IN

 The SEKEM Wahat community is fully integrated in its surrounding region. If you want to go fast, go alone

If you want to go far,go together

It is just the beginning