

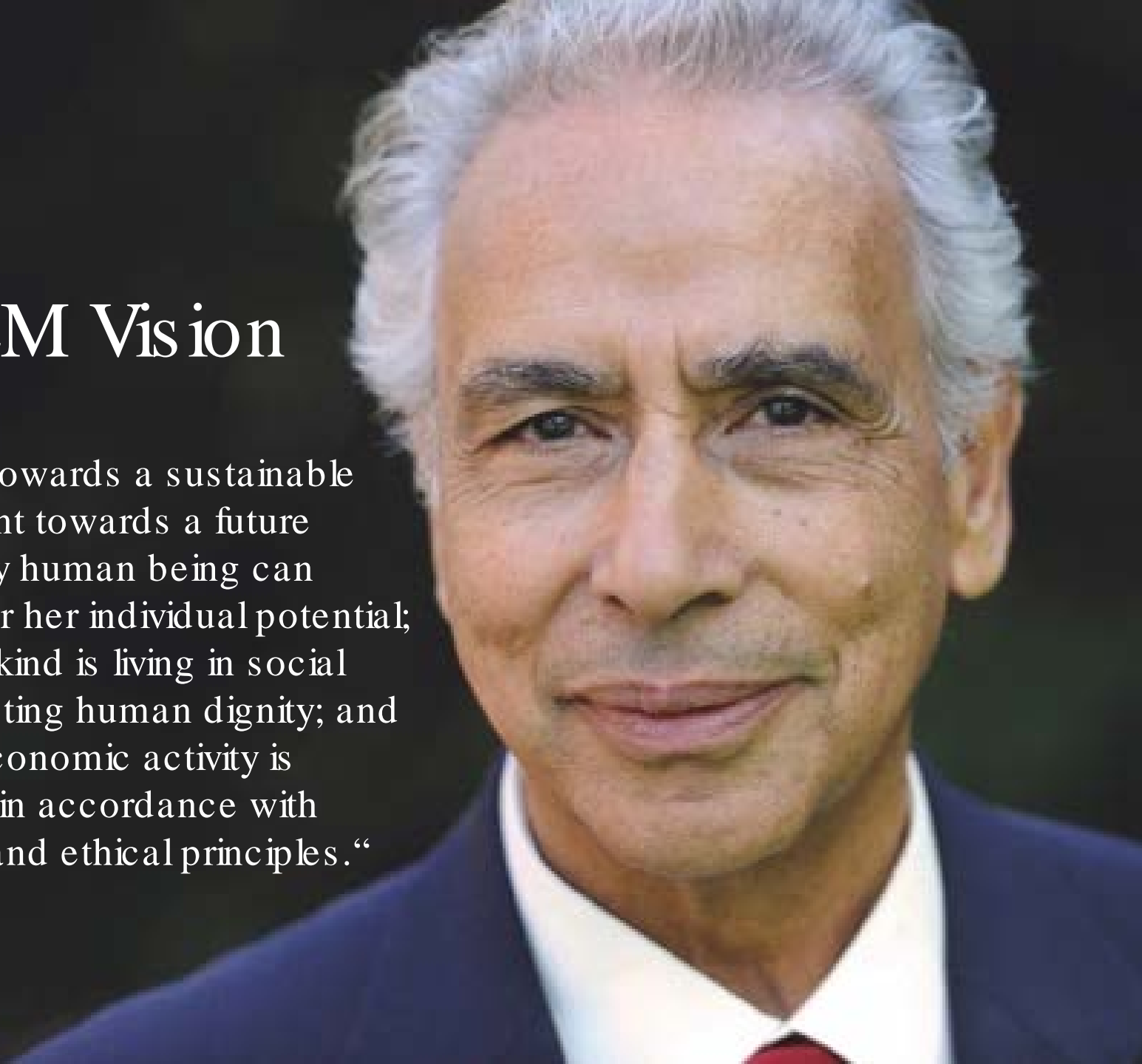
# Sekem Inspirations

## Impulses for a Sustainable Transformation

# SEKEM

## SEKEM Vision

„We strive towards a sustainable development towards a future where every human being can unfold his or her individual potential; where mankind is living in social forms reflecting human dignity; and where all economic activity is conducted in accordance with ecological and ethical principles.“



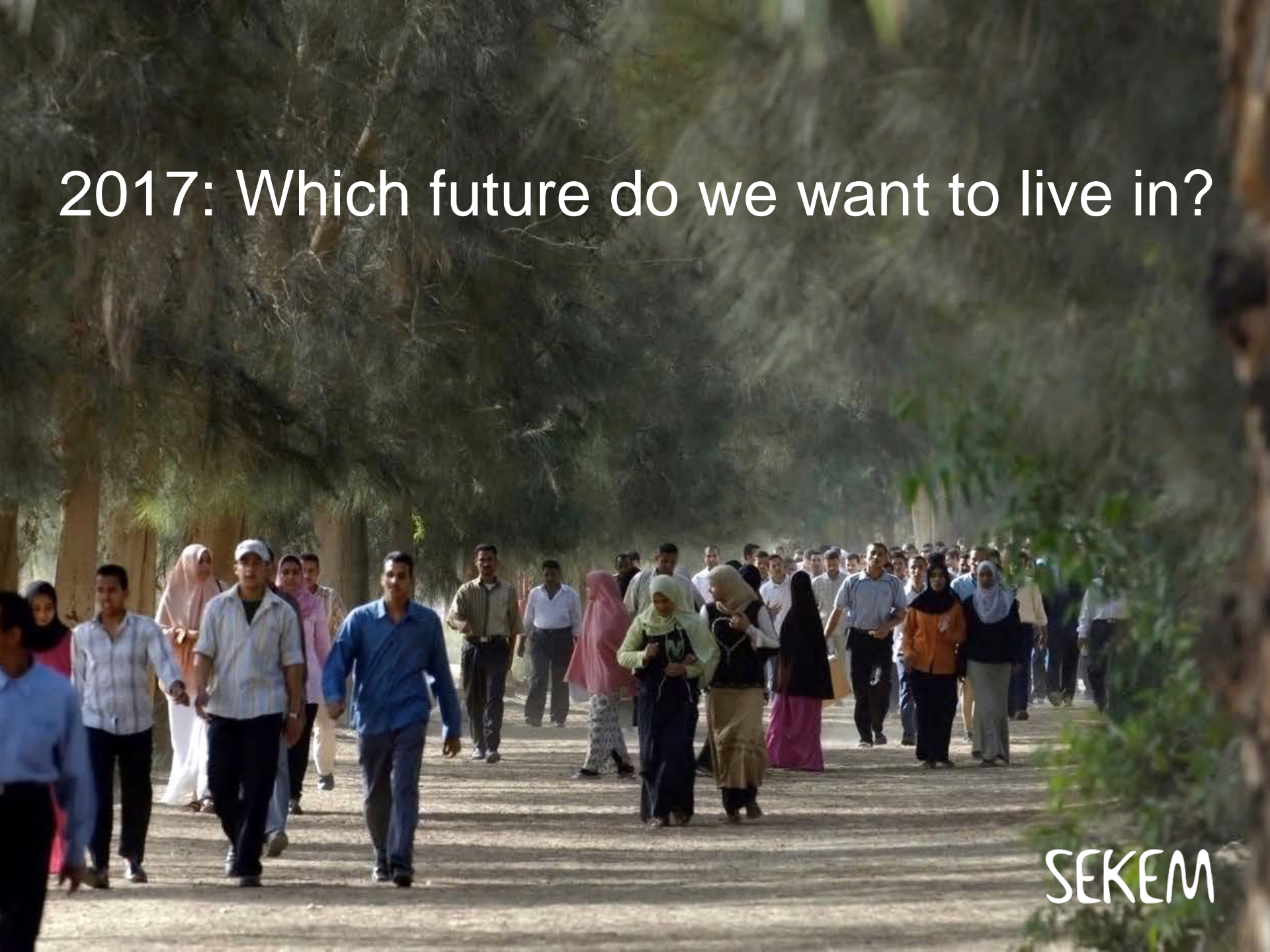
# 1977 - 2017

The miracle in the desert

**SEKEM**  
40 Years of Sustainable Development



2017: Which future do we want to live in?



SEKEM

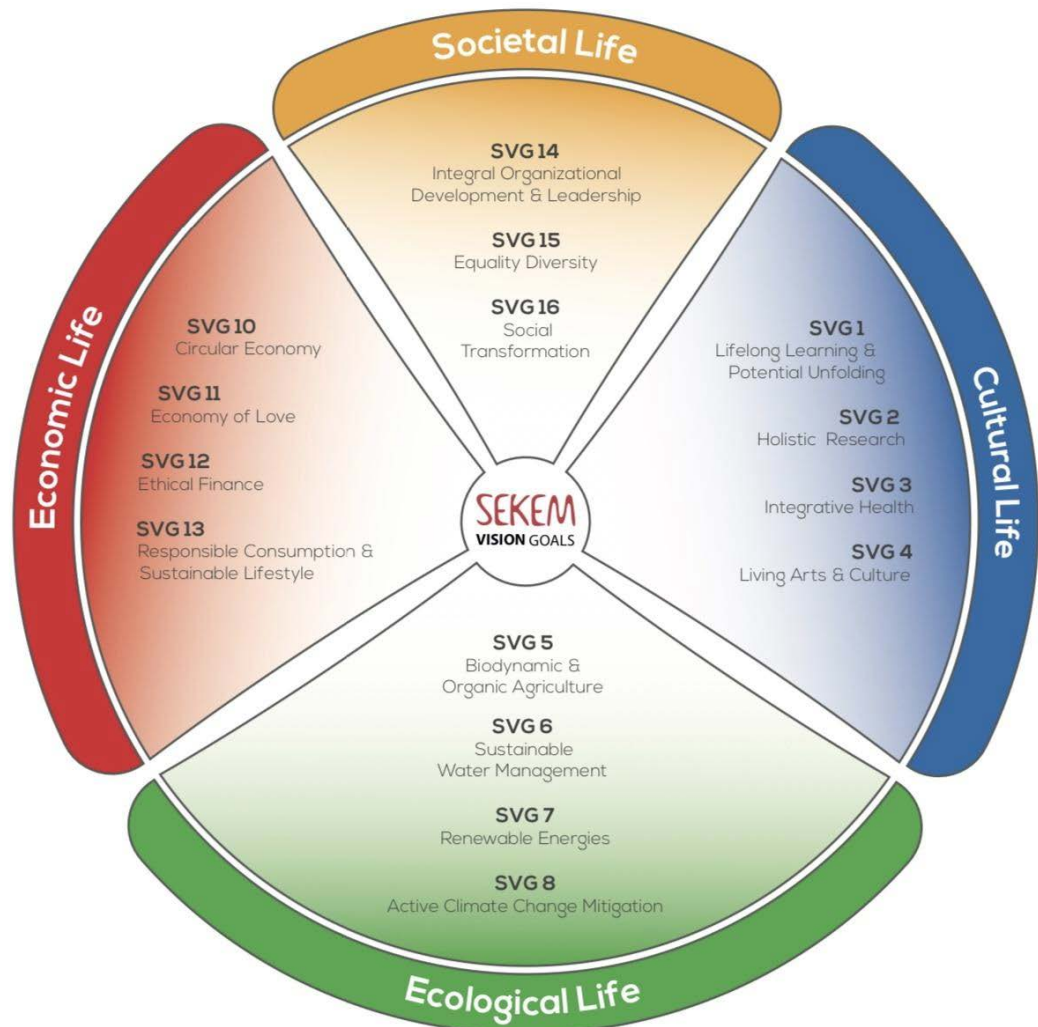
# SEKEM Vision 2057

SEKEM is the International Center of Excellence for holistic, sustainable, individual, organizational, societal development and social innovation in Egypt, which is inspiring development organisations worldwide and in all dimensions.

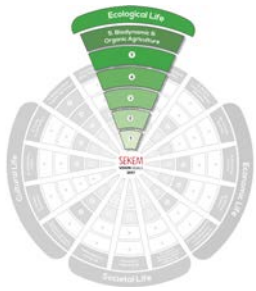
An aerial photograph of a city, likely Cairo, Egypt, showing a mix of modern high-rise buildings and older structures. In the foreground, there is a large green park area with trees and a paved path. A mosque with a prominent minaret is visible in the middle ground. The sky is hazy, suggesting a sunrise or sunset.

SEKEM

# Sekem Vision Goals 2057 (SVGs)



- 1 VISIONING PHASE**  
In Vision Groups, Future Council, Individual
- 2 RESEARCH PHASE**  
In Center Vision Groups, Partner Org., HU, SEKEM.
- 3 PROTOTYPE PHASE**  
In Center With Partners, Hu, Sekem
- 4 UPSCALING PHASE**  
In 13 Villages, Wahat Farm
- 5 MAINSTREAMING PHASE**  
In All Egypt



# Ecology SVG #5

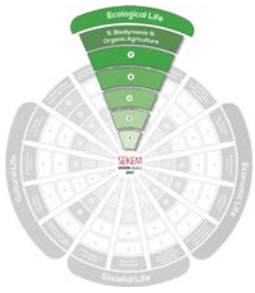
100% Sustainable agriculture

**SEKEM**  
40 Years of Sustainable Development



**2027** SEKEM has developed  
the agricultural model of the  
future

**2057** Sustainable agriculture  
all over Egypt



# Ecology SVG #5

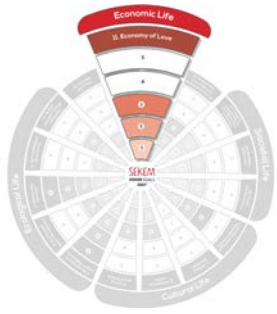
100% Sustainable agriculture



## Research

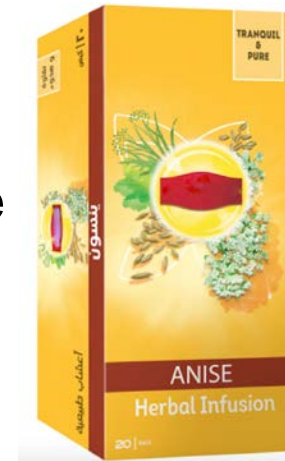
“True cost” Calculation  
Sustainability Reports  
DOC Project  
Carbon Footprint Center





# Economy SVG #11

## Economy of Love

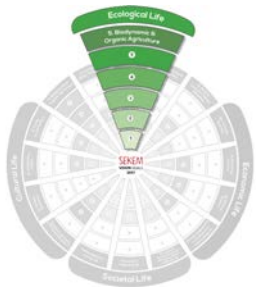


# Research

## Economy of Love impacTrace

### Anise Tea Example Demeter vs. Conventional

DEMETER		KONVENTIONELL
<ul style="list-style-type: none"> <li>• 183 Liter Water per Package</li> <li>• 25 Liter less Water per Tea Bag</li> <li>• 0,0 EGP Water damage Cost</li> </ul>	Water	<ul style="list-style-type: none"> <li>• 208 Liter Water per Package</li> <li>• 5 EGP Cost of Water damage per package ( pesticides + nitro/phos in drinking water)</li> </ul>
<ul style="list-style-type: none"> <li>• 74,4 g CO2 sequestered</li> <li>• 0,0 EGP of Greenhouse Gas Emissions</li> </ul>	Atmosphere	<ul style="list-style-type: none"> <li>• 0,0 g CO2 sequestered</li> <li>• 1 EGP for Greenhouse Gas Emissions</li> </ul>
<ul style="list-style-type: none"> <li>• 0,0 EGP Acute treatment cost, investing in the regeneration of nature and our health</li> </ul>	Health	<ul style="list-style-type: none"> <li>• 0,16 EGP Cost of all acute treatments</li> </ul>



# Ecology SVG #5

100% Sustainable agriculture

**SEKEM**  
40 Years of Sustainable Development



## Prototyping

Greening the Desert in Wahat

**CO<sub>2</sub> – Savings in Wahat 2021**

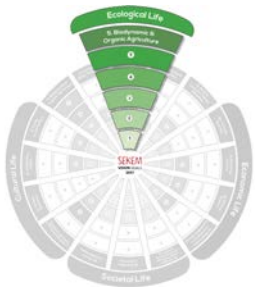
Planting Trees 190 k (6,3 k t CO<sub>2</sub>)

Sequestration in the soil 336 ha (2,1 k t CO<sub>2</sub>)

Renewable Energy 1,3 MW (1,7 k t CO<sub>2</sub>)

Compost 5,8 t (3,5 k t CO<sub>2</sub>)

**In total 11,9 k tons per year**



# Ecology SVG #5

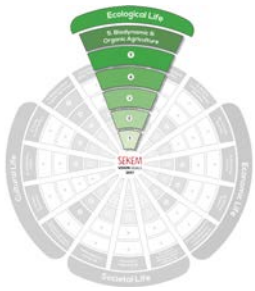
100% Sustainable agriculture



## Upscaling

Small Farm Model: We are supporting 2,000 small farmers in Organic Farming

	Sum	Saving (t CO2)	CO2- Certificate- (Value in €)
Soil	2 ha	8	160 €
Trees	600	18	360 €
Compost	30 t	18	360 €
Energy	5 KW	5	-
<b>Total*</b>		<b>44</b>	<b>880 €</b>



# Ecology SVG #5

100% Sustainable agriculture



## Mainstream

We present our Model and how we want to use it at COP27



Knowing is not enough;  
we must apply.  
Willing is not enough;  
we must do.

Johann Wolfgang von Goethe



SEKEM

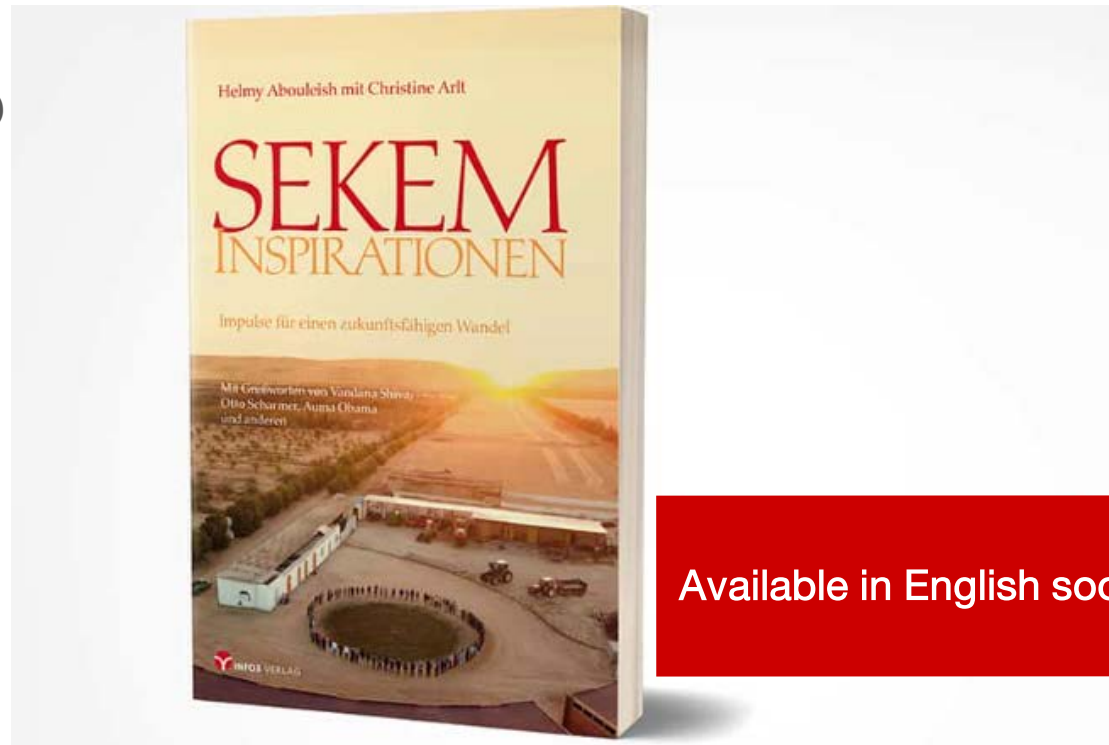
# SEKEM

Sustainable Development since 1977

## Thank you for your attention!

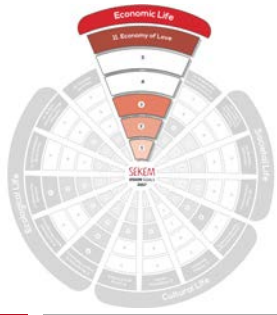
SEKEM Book now  
available (in german)

SEKEM  
Inspirationen –  
Impulse für einen  
zukunfts fähigen  
Wandel



Available in English soon!

[www.sekem.com](http://www.sekem.com)



# Economy SVG #11

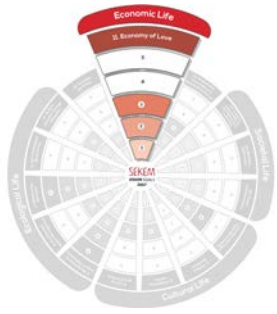
## Economy of Love

**SEKEM**  
40 Years of Sustainable Development



**2027** EoL-Certification is implemented for all SEKEM products

**2057** EoL-Certification is implemented in all of Egypt



# Economy SVG #11

## Economy of Love



# Prototyping

Economy of Love- How does it work?

### Certification



Providing a **holistic** certification standard for sustainable and ethical value chains.

### impacTrace



Guarantee **transparency** to stakeholders, especially end-consumers, by showing them how their products are made, who made them, and what **impact** they have on the **environment** and **people**.

Raising **awareness** in the community on **sustainable living and working**, and fostering their understanding of a holistic economy through interactive and comprehensive educational programs.

### Education



Aiming to **reduce** CO2 farm emissions. **Rewarding** farmers for their positive **environmental services** sequestering and avoiding CO2

### Carbon Credits

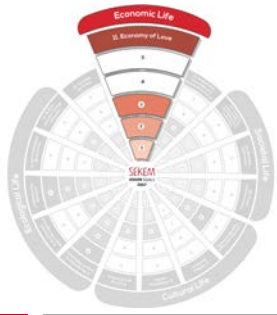


Investing in unfolding potential and the development of farmers, communities and nature's regenerative capacity.

### Fund







# Economy SVG #11

## Economy of Love

**SEKEM**  
40 Years of Sustainable Development



## Upscaling I

### Economy of Love Carbon Credits

With the biodynamic agricultural methods and Economy of Love standard, an active increase in carbon sequestration is promoted through reforestation projects, compost production, binding of CO<sub>2</sub> in the soil and the implementation of renewable energies in the EoL licensed farms. The EoL carbon credits are highly valued environmental services provided by our farmers and generate additional revenue.



CO<sub>2</sub>  
sequestration  
in the soil



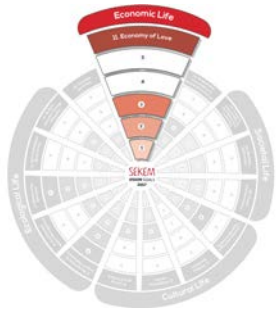
Compost



Afforestation



Renewable  
Energy



# Economy SVG #11

## Economy of Love

**SEKEM**  
40 Years of Sustainable Development



## Upscaling II

### Future Economy Forum

In the frame of COP 27 and under the auspices of the Ministry of Environment of Egypt we are planning the Future Economy Forum with international partners at the SEKEM Farm, at Heliopolis University and daily off-site events in the evenings in Sharm-el-Sheikh, as well as several events in the Green and Blue Zone.



CO<sub>2</sub>-Binding  
in the Soil



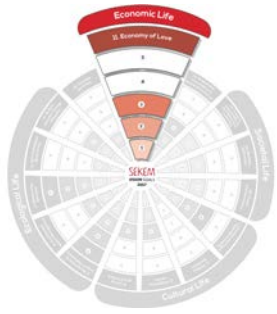
Compost



Afforestation



Renewable  
Energy



# Economy SVG #11

## Economy of Love

**SEKEM**  
40 Years of Sustainable Development

## Research

Economy of Love impacTrace



Who made this product?

What is the True Cost of the product?



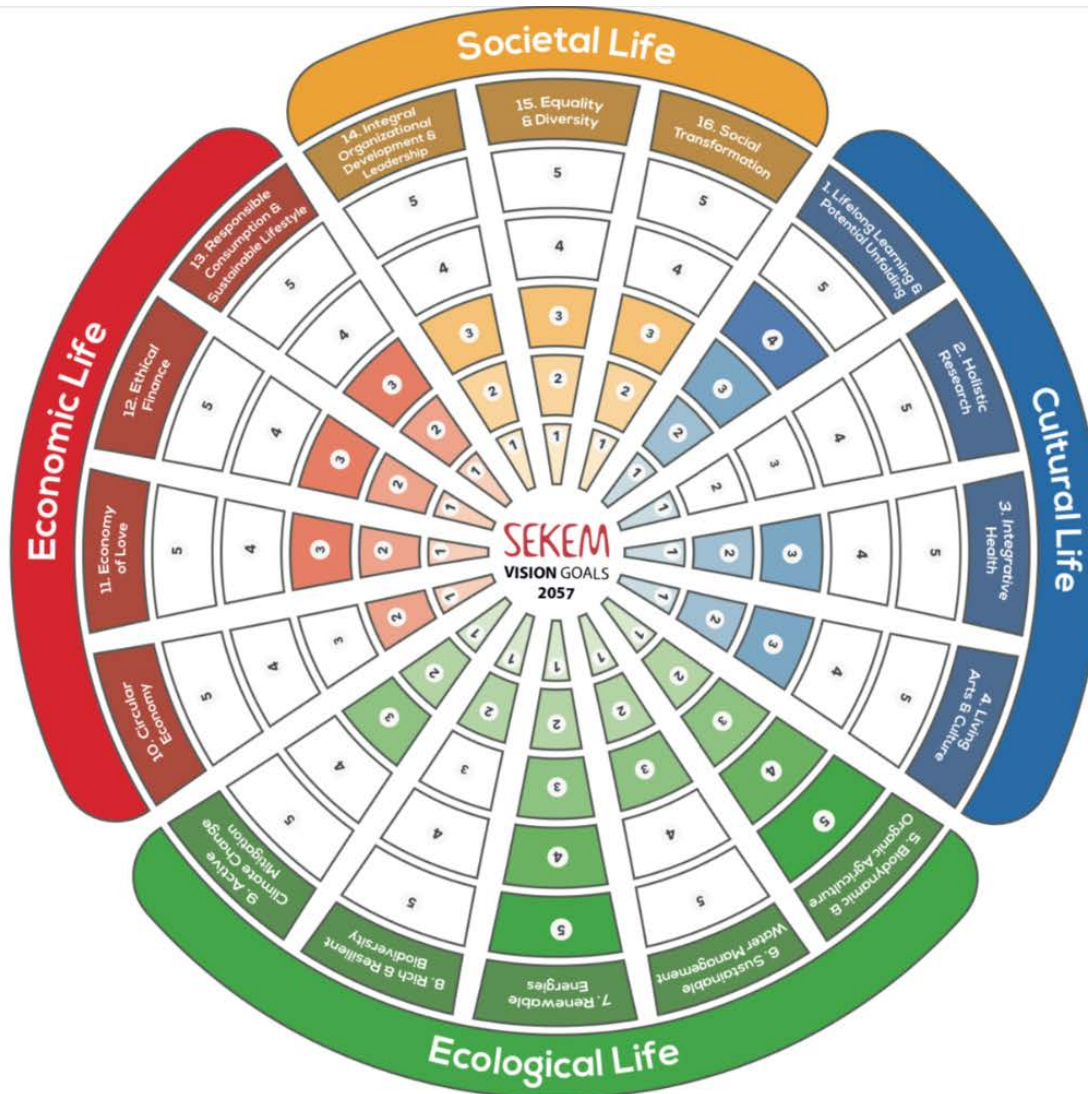
What is the impact on the human and the environment?



How is the product made?



# Sekem Vision Goals 2057



- 1 VISIONING PHASE**  
In Vision Groups, Future Council, Individual
- 2 RESEARCH PHASE**  
In Center Vision Groups, Partner Org. , HU, SEKEM.
- 3 PROTOTYPE PHASE**  
In Center With Partners, Hu, Sekem
- 4 UPSCALING PHASE**  
In 13 Villages, Wahat Farm
- 5 MAINSTREAMING PHASE**  
In All Egypt

