



## Smart Indoor Organic Gardens



### Magic

Experience the magic of gardening and enjoy the most flavourful tastes and most wonderful aromas all year round.



### Happiness

Indoor plants are proven to improve health through consumption, reduce stress, improve air quality and overall happiness.



### Simple

Plug in, connect to WiFi and get growing. A smart LCD screen guides you through the growing process.

***LYKTA GREENBOX builds smart gardens that bridge the gap between modern life and nature.***



**The smartest way to grow herbs, fruits, vegetables and flowers year-round.**

**With LYKTA GREENBOX future technology you can effortlessly grow your own organic crops at home.**



**LYKTA GREENBOX**

**Food tastes better  
when you know  
where it comes from.**

**Our team of plant scientists, engineers and designers built  
LYKTA GREENBOX to fit into our modern world. We make  
farming easy so you can focus on the food.**

*Grow where you live, work and eat.*



**Home**

Enjoy your  
healthy, fresh,  
flavourful  
tastes all year  
round.



**Markets**

Offer your  
customers the  
fruits and  
vegetables in  
their freshest  
form.



**Restaurants**

Show your  
customers why  
your food tastes  
better.



**Hotels**

Offer your  
guests the  
freshest and  
healthiest  
products every  
day.



**Corporate**

Engage your  
employees  
around  
workplace  
wellness.



**Schools**

Educate your  
community  
about  
technology and  
healthy eating.

*Grow what you like,  
harvest what you need.*



# OUR PRODUCTS



## LYKTA hemma



### Connect

Connect to your LYKTA to monitor and guide your growing experience.



### Plant

Plant your first seeds in LYKTA Hemma's soil-free base and let LYKTA do the rest.



### Enjoy

LYKTA Hemma informs you about the growth of your plants and lets you know when it is time to enjoy.

***LYKTA GREENBOX builds smart gardens that bridge the gap between modern life and nature.***



***Lykta Hemma D-102***



***Lykta Hemma T-201***



***Lykta Hemma W-301***

## HOW IT WORKS

*Grow the freshest veggies, herbs, fruits and more!*



### Climate Control

The system is designed to control temperature, humidity, lighting, fan and vent and much more.



### Aeroponic System

The plants take all the nutrients and oxygen they need straight from the water.



### Adjustable Trays

Choose your ideal tray to cultivate a great variety of plants and have an easy and enjoyable growing experience.



### Connected Device

Connect your device with your wi-fi and start your cultivation.



### Nutrient Dosing System

For measurements and nutrient formulas, Lykta knows exactly what to do.



### LED Grow Light

Full spectrum led grow lights which are the most appropriate for the plants in every different growing phase.

## HOW IT IS CONTROLLED

*Control from anywhere*



### Full Control

Manage the temperature, humidity, lighting and water cycles from your pocket!



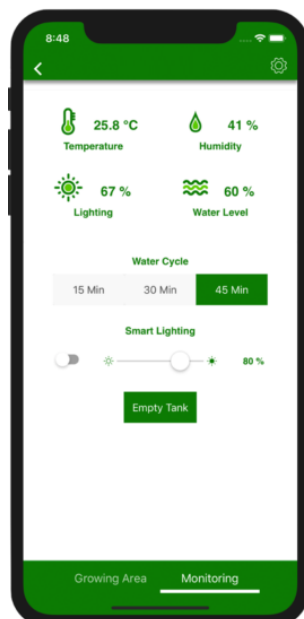
### Import Plant Settings

Choose your plant and the application will automatically adapt the right settings for your growing.



### Live Monitoring

Watch the progress of your plantation remotely from anywhere in the world.



### Connected Device

Connect your device with your wi-fi and start your cultivation.



### LED Grow Light

Full spectrum led grow lights which are the most appropriate for the plants in every different growing phase.



### Nutrient Dosing System

For measurements and nutrient formulas, Lykta knows exactly what to do.

## OUR PRODUCTS



### Manual

Enjoy your manual control of environment that you want to be inside your LYKTA.



### Plant

Plant your first seeds or cuttings in LYKTA smart base and tell LYKTA what to do.



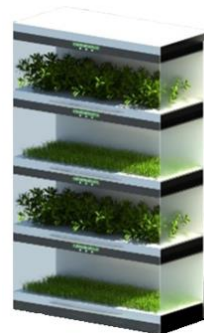
### Enjoy

When they are ready enjoy harvesting your endemic plants.

***LYKTA Pro is designed and developed for professionals only.***



***Lykta Pro D-401***



***Lykta Pro W-501***

## HOW IT WORKS

***It is a secret between you and LYKTA!***

## OUR PRODUCTS

LYKTA me



### Simple

Connect to your LYKTA to monitor and guide your growing experience.



### Plant

Plant your first seeds in LYKTA soil-free base and let LYKTA do the rest.



### Enjoy

When they are ready, enjoy your favourite fresh veggies, herbs, fruits and more.



## HOW IT WORKS

*Grow the freshest veggies, herbs, fruits and more!*



### Hydroponic System

The system is designed to control temperature, humidity, lighting, fan and vent and much more.



### LED Grow Light

Full spectrum led grow lights which are the most appropriate for the plants in every different growing phase.



## WHAT CAN YOU GROW

*Grow anything from basil to strawberries to lettuce to tomato to exotic flowers. The choice is yours.*



**Basil**



**Wild Strawberry**



**Green Lettuce**



**Mini Tomato**



**Cilantro/Coriander**



**Melissa**



**Chives**



**Purple Basil**



**Mint**



**Micro Greens**



**Red Hot Chili  
Pepper**



**Sage**



**Lavender**



**Oregano**



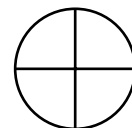
**Rosemary**



**Green Onion**



**Exotic**



**+ many**

## Industrial Solutions



### Full Control

We take care of everything, you just enjoy your harvest.



### Custom Design

We design your organic garden suitable for your place.



### Smart Notifications

We give instant tips and advice in order to enhance the progress of your planting.



### LYKTA Smart Fit

We design smart organic gardens with boutique solutions in suitable sizes for ecological and smart homes.

### LYKTA Smart Container

Whether in the desert or at the pole, we enable you to grow healthy plants with smart containers independent of the outdoor environment and the season.



### LYKTA Smart Software

Our Smart Software provides remote access from your smartphone, tablet and computer. It continuously measures the requirements such as temperature, humidity, light, CO<sub>2</sub>, pH, EC for your product and controls them to remain at the optimum level in line with your production area.

### LYKTA Organic Store

We offer smart organic gardens solutions to markets that allow their customers to buy healthy vegetables and fruits.







**3x**

Faster Growth  
than traditional agriculture

**0**

Food Kilometres  
when you harvest on site

**95%**

Less Water  
than traditional agriculture

LYKTA GREENBOX eliminates food waste and plastic packaging; you are growing and harvesting just what you need and using the produce where you are. Plus, while most fresh food is shipped across the countries (*in the EU food travels an average of 1,500 kilometres*), LYKTA GREENBOX reduces the distance travelled from kilometres to centimetres.

LYKTA GREENBOX is a closed-loop aeroponic system that uses 95% less water than conventional farming.

# OUR TEAM



**LEOS**



**Ertac Ciftci, COO**

20+ years Engineering & Management experience

Petroleum Eng.  
Industrial Eng. (MSc.)

**Dr. Sinan Apak, CTO**

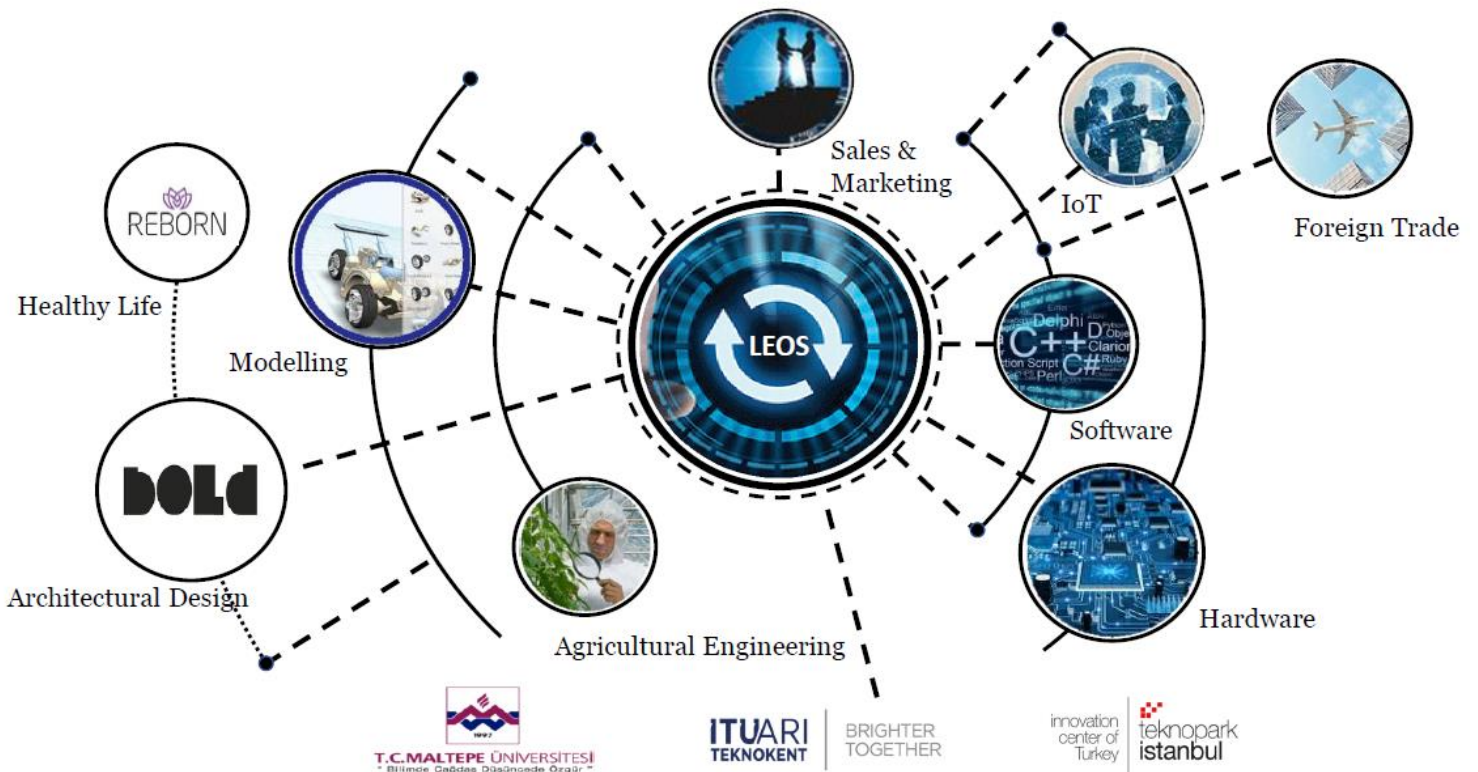
20+ years Engineering & Academic experience

Mechanical Eng.  
Industrial Eng. (PhD.)

**Melis Turkoglu Ciftci, CEO**

10+ years Legal Affairs & Management experience

Bachelor of Laws, Istanbul  
Master of Laws, Stockholm





## CONTACT US



**LYKTA GREENBOX is a brand of LEOS BILIM TEKNOLOJİ A.Ş.**

**[www.lyktagreenbox.com](http://www.lyktagreenbox.com)**



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