

COMPANY PROFILE

ReNile

TECHNOLOGY SOLUTIONS FOR GROWERS



ABOUT US

ReNile is a leading environmental solution and agritech company providing end-to-end solutions for smart farming using the internet of things (IoT) and water, air and soil quality management.

Our monitoring systems provide cutting-edge real-time online analytics that helps enhance the production efficiency and reduce consumption of our customer farms.

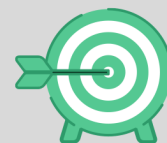
ReNile provides a full solution from monitoring farms, alerting in emergencies, controlling, and providing analytics of the best practice model for farming through the online platform.

VISION



Make sustainable smart farms through developing communities by offering new smart agriculture solutions to increase productivity and quality to secure food for all mankind

MISSION



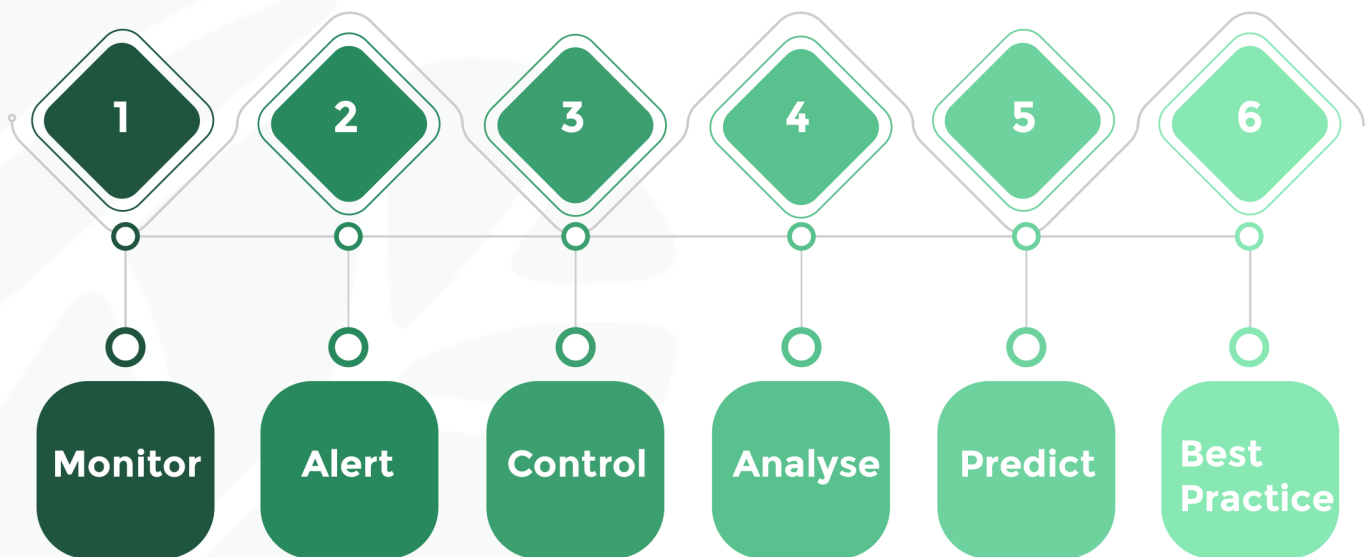
Enhance the water, air and soil quality and management for farms in MENA region.

OUR SOLUTIONS

What if there was a way to know the status of your farm without having to manually check them?

Our system is a full solution to monitor, alert, analyze collected data from farms totally through online application in addition to having the ability to predict the actual needs for the farm and forecast the profit.

With our IoT Devices we can give solutions to your farm by measuring water quality, soil and crop status like humidity, temperature.



Aquaculture

Ex: (Fish - Shrimp Farm, Aquaponics, etc)

Agriculture

Ex: (Green Houses, Hydroponics, etc)

Others

Ex: (Cold Supply Chain equipment, Wastes Management, Swimming pool)

RENILE ALIGN WITH 7 GOALS FROM THE 17 GOALS OF SUSTAINABILITY

2
ZERO
HUNGER


GOAL 2: ZERO HUNGER

ReNile helps to maximize the production of farms to produce more food with the same resources aiming to decrease the gap between the consumption of food and production.

6
CLEAN WATER
AND SANITATION


GOAL 6: CLEAN WATER AND SANITATION

ReNile monitors the water quality on a real-time base and take the right action to save clean water in agriculture before, after, and inside farms.

13
CLIMATE
ACTION


GOAL 13: CLIMATE ACTION

ReNile plays a vital role in carbon mitigation especially saving the diesel used in the farms in all machines by optimizing the number of working hours for all machines depending on data-driven actions.

15
LIFE
ON LAND


GOAL 15: GOAL 15: LIFE ON LAND

ReNile assists the environment in taking rid of any nonimportant fertilizers in the farming and decreasing the consumption of feed, which leads to saving the natural resources

3
GOOD HEALTH
AND WELL-BEING


GOAL 3: GOOD HEALTH AND WELLBEING

Good Health and Wellbeing: ReNile helps in enhancing the food quality and decreasing the use of medicines on farms which affect directly our human health.

9
INDUSTRY, INNOVATION
AND INFRASTRUCTURE


GOAL 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE

Online monitoring and control of farms on real-time databases supported by ReNile is now an important item to be added to the infrastructure for the farm

14
LIFE
BELOW WATER


GOAL 14: LIFE BELOW WATER

ReNile enhance the environmental conditions for fishes by monitoring the main parameters for fish and giving the right actions to be within the right boundaries for each species.



OUR SERVICES

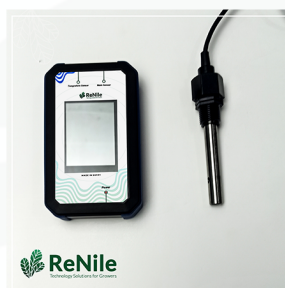
IoT solutions

Our unique solutions for monitoring systems in farms to collect the data needed to take the right actions depending on real-time data-driven actions. In different use cases like fish farming, poultry systems, spirulina and algae production, greenhouses, hydroponics, and aquaponics.



Portable devices

ReNile provide some portable/handheld and bench devices which are used in water, air, and soil parameters



OUR SERVICES

Software

Farm management system: The farmer has the ability to manage his farm through one application to manage his inventory, medicines, fertilizers, clients, suppliers, and yields.

Monitoring system: The farmer has dashboards to monitor his farm 24/7 through a platform, and give him the right action to do in different scenarios.

Consultation platform: The farmer has the ability to have a call with an expert to ask him virtually about his problems facing the farm.

Chemicals

ReNile provides some chemicals related to the agriculture products to indicate the water quality parameters through colors indicators in addition to some calibration solutions



OUR PRODUCTS

IoT water
monitoring
&Control
Aquaculture

IoT water
monitoring
&Control
Aquaponics

IoT water
monitoring
&Control
hydroponics

IoT water
monitoring
&Control
irrigation

IoT water
monitoring
&Control
Spirulina

IoT Green
house
monitoring
&Control

IoT SYSTEMS

IoT fertilizers
monitoring
& Control

Poultry air
quality
Monitoring
&Control

In door air
quality
Monitoring
&Control

IoT Soil
quality
monitoring
&Control

Others

PORTABLE PRODUCTS

DO device

pH Device

EC/TDS
device

ORP &
chlorin
device

CO2 Device

Multi
parameter
water quality

 PARTNER

CHEMICAL PRODUCTS

pH indicator
(4)/(7)/(10)

Universal pH
indicator

Ammonia
indicator

TDS
calibration
solutions

Zero DO

SOFTWARE

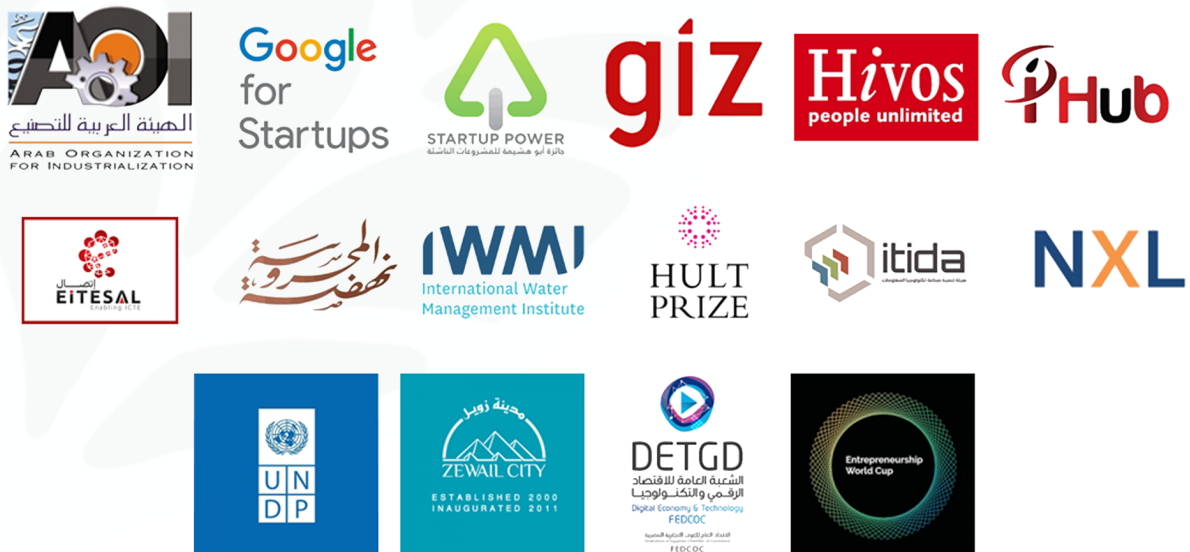
Farm
Monitoring
system

Farm
Managemen
t system

OUR CLIENT



OUR PARTNERS



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ReNile

Technology Solutions for Growers