Luxrobo

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	Revenue Domestic: USD4,000,000 Global: USD2,000,000		Investment Round Series B		Accumulated Investment USD2,700,000		Target Investment N/A

About the Company

Established	2014
Type of company	Small and medium-sized enterprises
Global HQ	N/A
Sector	STEM, Coding
Investor Portfolio	Hanwha Group affiliates (Hanwha Systems, etc.), Kakao, DS Asset Management
Intellectual Property Rights	260+
No. of Employees	95
About Solution	Luxrobo

## About CEO Sanghun Oh

오상훈
Founder

Doctoral candidate in Electrical and Electronic Engineering at Yonsei University. Roles include Korean New Deal and Seoul Startup Policy Committees, 180 robotics awards, Forbes Under 30 Asia (2018), and coach of Korea's National Team for 5 years at World Robotics Championships.

SW Eudcation				AI Education	
Best Expert Kit	Designer Kit	Brick Pack	**Hot** Making Pack	Hello AI	Smart AI
All curricula available (Beginner ~ Advanced)	An Introductory Package - Coding while playing	Creation Package Assembling MODI & bricks	Paper Designs - MODI attachable	Entry-based product for Understanding AI	Multi-jointed product, using AI (Advanced)
Best Master Kit	Designer Kit	NEW Creator Kit	Brick Pack	Camera Module	Kyowon AiCANDO
- All curricula available (Beginner ~ Advanced)	An Introductory Package - Coding while playing	Creation Package Assembling MODI & bricks	20 Types of Creation Assembling MODI & bricks	MODI+ Camera Module For AI Educations	Entry level of Coding based on Kyowon story books linked with MODI

About the Product

Luxrobo's MODI, an AI/coding education robot, is used in 4,000+ schools globally. Offering AI products for all ages, it ensures stable, long-term sales and growth, with 50+ overseas partnerships expanding reach.
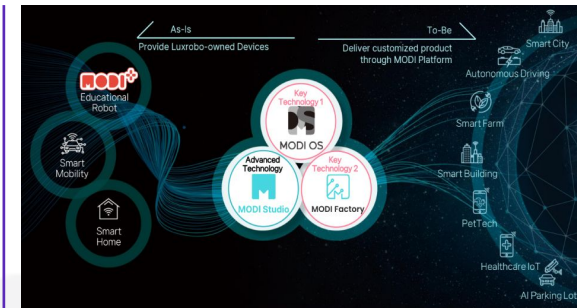
Global Experience

- Since its first export in 2017, the company has steadily expanded its overseas business.
- Although operations were temporarily reduced during COVID-19, they have since recovered to pre-COVID levels, increasing to 43 countries, with MODI services active in about 20, including Luxembourg, Singapore, Poland, and India.

PiQuant. Co.,Ltd

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Revenue	Investment Round	Accumulated Investment	Target Investment
Domestic: USD 2,193,846 Global: USD 280,000	Series A	USD 1,500,000	N/A

PiQuant

About the Company

Established	07/12/2015
Type of company	Small | medium-sized enterprises
Global HQ	N/A
Sector	IoT Hardware, Software Solution
Investor Portfolio	N/A
Intellectual Property Rights	34
No. of Employees	16
About Solution	Real-Time Air & Water quality monitoring solutions

About CEO Doyeon Pi

1st in Google (2012) and WOWZapp Hackathons (2013). Founded Piquant Co. (2015). Awards: Seedstars World Innovation (2017), Austrian IT Economy (2018), Bill & Melinda Gates Foundation Partner (2019), KOTRA President's Award, multiple ministerial awards (2020).

Water Scanner

Testing Time	12 seconds
Limit of Detection	10 CFU/ml
Dimension	61*31*99 mm

(Dimension can be reduced if embedded)

AirQuant

Parameters	14 IAQ indicators
Certificates	CE, RoHS, FCC, IC, KC, etc.
Dimension	Ø153*60 mm

(Dimension can be reduced if embedded)

About the Product

PiQuant provides water quality monitoring for smart buildings and plants, enabling HVAC control with real-time air data for efficient energy use. In water treatment, it tracks E. coli and turbidity, ensuring autonomous operation. This solution reduces energy and emissions in buildings, while its data platform supports unified city monitoring.

Turbidity Meter

Parameters	10 Seconds
Certificates	1 NTU/15ml
Dimension	60*60*60 mm

(Dimension can be reduced if embedded)

Global Experience

Overseas Awards

- In 2017, recognized at MWC 4YFN and Swiss Seedstars for innovation. In 2019, advanced the Gates WASH Project; by 2022, won Select USA Asia-Pacific, and in 2024, earned an Edison Award in Water Treatment.

Overseas Business Cases

- 2022 Participation in London Queen Elizabeth Park Smart Office Construction Project, UK
- 2023 Participation in North Bay City Smart Office Construction Project, Canada
- 2024 Participation in Barking & Dagenham Smart Home Construction Project, UK

INNONET

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Revenue	Investment Round	Accumulated Investment	Target Investment
2,000,000 US$	N/A	N/A	N/A

INNONET FOR OUR DREAMS

About the Company

Established	02/11/2011
Type of company	Small | medium-sized enterprises
Global HQ	N/A
Sector	TVWS Devices
Investor Portfolio	N/A
Intellectual Property Rights	24
No. of Employees	14
About Solution	TVWS G/W, Backpack Wi-Fi, Smart Safety System, TVWS Relay BaseStation, Servers

About CEO Hosang Yoo

Director of Alphawave Research Institute, Senior Researcher at GT&T, Chief Researcher at Dongwon Systems, Doctorate in Electronic Engineering

TVWS Gateway

TVWS Backpack

SEOUL

TVWS Relay BS

IoT Server

20.90 %Vol   395.00   20.90 %Vol   411.00

0.00   0.00   0.00   0.00

0.00   0.00

About the Product

Fixed TVWS Gateway, TVWS Backpack Wi-Fi, TVWS Relay Base Station, TVWS Optimization/NMS/IoT/DDNS Server and App for Smart Village, Public Safety, Smart Construction, Military, Smart City and Mine.

Global Experience

- MOU/NDA with 20 overseas companies
- Expansion into Saudi Arabia, South Africa, Tanzania, and Colombia

Long-Term Growth Potential

First & No.1 TVWS Technology in Korea.

Innonet, Korea's top patent holder for TVWS technology, offers complete solutions from hardware to apps, with expertise verified via government pilot projects.

Domestic/Global TVWS Market Growth

Though still emerging, the TVWS market is growing fast (70%+ CAGR) led by Microsoft and Google. With global project experience, Innonet is poised to lead this expanding sector.

Service Expertise

Innonet specializes in internet and e-learning convergence technologies rapidly growing in developing countries. It also supports public safety, disaster response, and major disaster reduction services in advanced IT nations through TVWS product development, installation, and maintenance.

TAB Co., Ltd.

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Revenue	**Investment Round**	**Accumulated Investment**	**Target Investment**
USD 310,000	Pre Seed	N/A	USD 100,000

About the Company

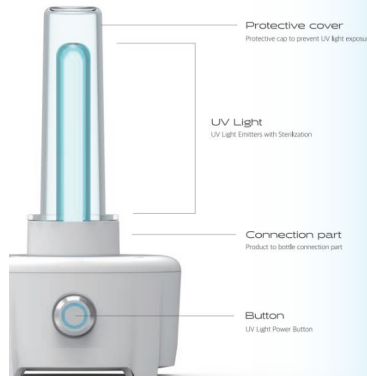|	
Established	10/31/2019
Type of company	Startup
Global HQ	N/A
Sector	Health Care
Investor Portfolio	N/A
Intellectual Property Rights	18
No. of Employees	4
About Solution	Cap-type drinking water UV sterilizer for preventing infectious diseases

About CEO Oh Hwanjong

Representative of TAB Start-up; won five Ministerial Awards, including the Korea Talent Award; developed a stopper UV sterilizer and ceramic filters from recycled coffee gourds; graduated from the Youth Start-up Academy; holds multiple patents.
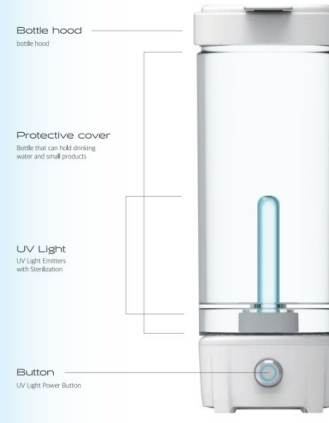

CAP TYPE
It sterilizes drinking water inside plastic bottles and inhibits bacterial growth, providing users with water that is safe from microbes.

- Protective cover — Protective cap to prevent UV light exposure
- UV Light — UV Light Emitters with Sterilization
- Connection part — Product to bottle connection part
- Button — UV Light Power Button

BOTTLE TYPE
This product is portable like a tumbler and can sterilize not only drinking water but also small items such as masks and baby products.

- Bottle hood — bottle hood
- Protective cover — Bottle that can hold drinking water and small products
- UV Light — UV Light Emitters with Sterilization
- Button — UV Light Power Button

About the Product

The LADIS cap-type drinking water UV sterilizer has received innovation recognition from the Republic of Korea government and is used in developing and developed countries. It benefits patients in sterile rooms, including those undergoing chemotherapy, leukemia treatment, organ transplantation, and AIDS, allowing them to drink water confidently. Its spread will significantly aid in achieving UNSDGs Goal No. 6 on water and hygiene.
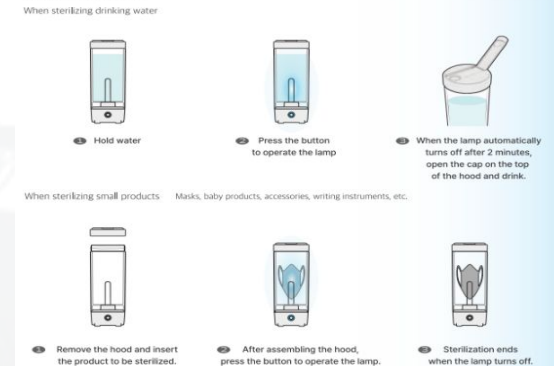
Global Experience
MOU

Certification

TAB holds national and international certifications for sustainable sourcing of reliable products and services, including KC, CE RoHS, CE EMC, EPA, and FCC, as well as country-of-origin exporter certificates for each item.

HOW TO USE

CAP TYPE
- Charging product
- Removing the lamp protection cover *Do not operate before mating with the bottle.
- After combining with the bottle, press the button to operate the product. When the lamp automatically turns off after 2 minutes, you can drink.

BOTTLE TYPE
When sterilizing drinking water
- Hold water
- Press the button to operate the lamp
- When the lamp automatically turns off after 2 minutes, open the cap on the top of the hood and drink.

When sterilizing small products — Masks, baby products, accessories, writing instruments, etc.
- Remove the hood and insert the product to be sterilized.
- After assembling the hood, press the button to operate the lamp.
- Sterilization ends when the lamp turns off.

Giventech Co.,Ltd

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GIVENTECH

About the Company

Established	11/11/2022
Type of company	Startup
Global HQ	N/A
Sector	Electricity supply
Investor Portfolio	N/A
Intellectual Property	4
No. of Employees	6
About Solution	Hybrid power system that can use carbon-neutral electricity

About CEO Chang Han Kim

Founder and President with over 27 years of experience in energy, power generation, and environmental technology. Graduated from Texas Christian University with a major in Economics, serving over 10,000 customers across 20+ countries and 100 cities, particularly in electrical equipment, power generation, environment, and renewable energy.

Product Portfolio & Benefits

GIVENTECH Eco-life friendly Hybrid Power System

Giventech supplies renewable electricity to sustain education, healthcare, food, public and cultural sectors in Africa.
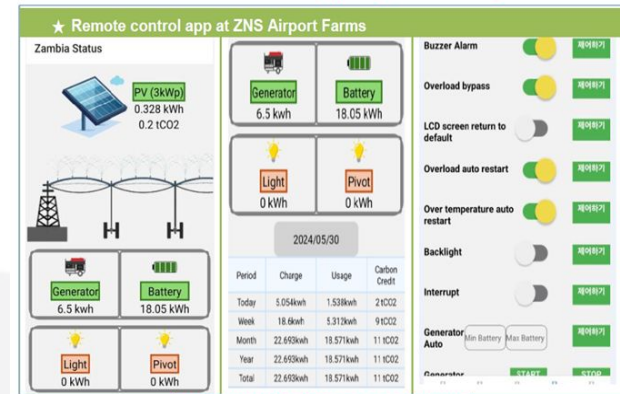
School
Medical
Public

ICT education

Healthcare

Community
Agriculture
Entertainment

e-bike
e-sports

Farm irrigation

Giventech's contribution to Africa's goal achievement

Key issues of Africa	Benefits of Giventech
☆ Training of Citizens	➤ Social and educational effects
☆ Infrastructure Development	➤ Stabilizing power supply effect
☆ Enhancing National Food Security	➤ Effects of healthy people's lives
☆ Economic Development	➤ Job creation effect

Expected achievements	How Giventech's benefits work
☆ ICT technician training	➤ Electricity for school computer use
☆ Improving the safety and convenience	➤ Electricity for community use
☆ Support from the people through national health management	➤ Electricity for medical equipment
☆ It is expected that employment for 200 per year jobs will be created.	➤ If 100 systems are supplied, 200 jobs will be provided per year.

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Technology & Features

Remote Control Technology of Hybrid Power System

★ Remote control app at ZNS Airport Farms

Zambia Status

PV (3kWp) 0.328 kWh 0.2 tCO2	Generator 6.5 kwh	Battery 18.05 kWh
	Light 0 kWh	Pivot 0 kWh

2024/05/30

Period	Charge	Usage	Carbon Credit
Today	5.054kwh	1.538kwh	21CO2
Week	18.6kwh	5.312kwh	91CO2
Month	22.693kwh	18.571kwh	11 tCO2
Year	22.693kwh	18.571kwh	11 tCO2
Total	22.693kwh	18.571kwh	11 tCO2

Generator 6.5 kwh	Battery 18.05 kWh	
Light 0 kWh	Pivot 0 kWh	

Buzzer Alarm
Overload bypass
LCD screen return to default
Overload auto restart
Over temperature auto restart
Backlight
Interrupt
Generator Auto

Eco-life friendly Hybrid Power System

Configuration & Capacity

3KW PV array 500Wp * 6pcs

➤ Solar PV: 3kW (500Wp * 6modules)
➤ Generator: 6.5kW (5.5kVA-6.5kVA)
➤ Battery: 19kWh (12VDC * 200Ah * 8sets)
➤ Container: 18m2 (L6m * H2.6m * W3m)

PV power breaker

Axpert Max 7.2K

power breaker 2

Generator

220VAC

power breaker 1

Battery power breaker

Electrical appliances

power breaker 3

EV Charger

Battery 12V 200Ah 8PCS 4S 2P