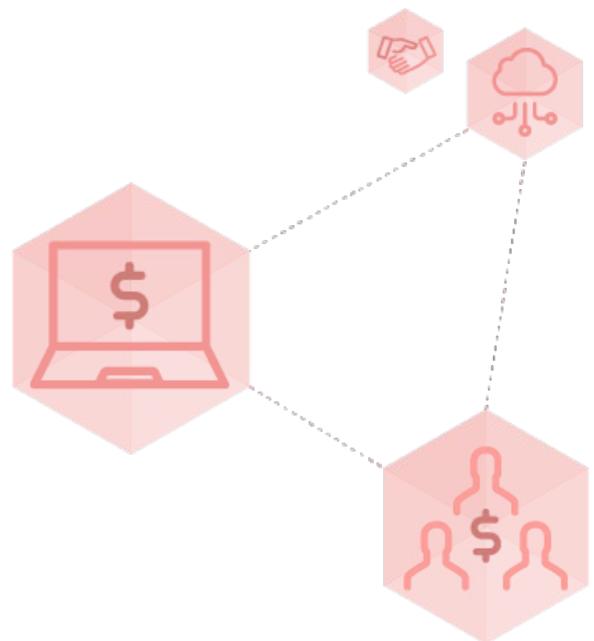


16-19
JUNE
PARIS
AND
ONLINE

VIVA

TECHNOLOGY

INTRODUCING K-Startups



kotra

Korea Trade-Investment
Promotion Agency

KiC
EUROPE
Korea Innovation Center



Daesung

<http://smarthive.co.kr/>

Industry

Agriculture, Apiculture

Established Year :

2016

Employee Number :

18 = 00(Internal) +
18(contract)

Investment raised :

\$ USD 1,103,954.20

Capital seeking:

\$0M (U\$0M committed)

Europe market

experience : No

About Us (Team)

CEO (Hyuk Jeong)
+82 10 5937 4504
ceo@smarthive.co.kr

Contact Info

Manager, Ji - Soo SON
+82 10 3499 5161
smarthive.jay@gmail.com

Hive Controller is automated and portable farm equipment for extracting the honeycomb from the beehive, brushing, and stacking.

NEED

Who would be needed

1. Beekeeper
2. Beekeeping Farm

Why (Problem)

The major problems involved in beekeeping is that the job is very manual. It's hard, inconvenient, and has high labor intensity. The world's average life expectancy is getting higher and higher but the labor intensity says the same. For elderly beekeepers, sometimes the work can be too strenuous.

RESOLUTION

Competitors

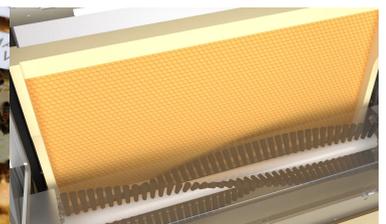
Korea Beekeeping Association (Korea)

Strong points

1. Easy to use
2. 3 in 1 : Extracting / Brushing / Load & Store

Business Model

1. Simple Process
2. Automated Process
3. Everyone can use



Industry

Energy , AI, O2O Platform

Established Year :

2019

Investment raised :

\$8.1M

Registered Projects(kW) :

248,457

Europe market experience :

2021 2H (Finland, Slovakia, Germany)

About Us (Team)

CEO (Sean Park)

- Global-minded top-track-record strategist & serial entrepreneur
Also received the U.S. President Award of Excellence (George W. Bush)

CTO(Tom Hong)

- Korea's #1 AI genius & co-inventor and co-developer of Samsung's Bixby
Also is the Qualcomm Innovation Award Winner

CPO(Bo Jung)

- Ex-Samsung-Super-Managerial-Track Architect, Strategist & Engineer
Also is the Samsung Technology Awards Winner

Contact Info

info@energyx.ai

Energy X aims to expand marketability and profitability by merging Offline-to-Online marketplace with AI, targeting the rapidly growing renewable energy market.

Our Services

Energy as 'Participation'

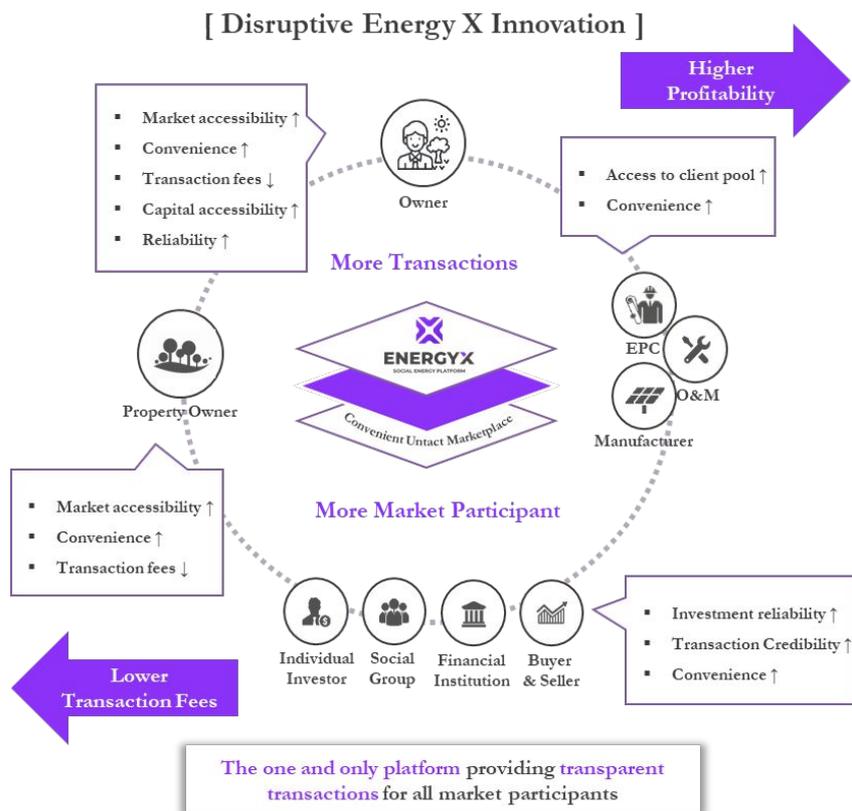
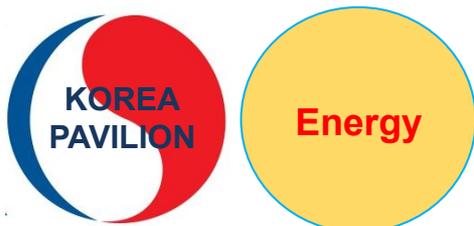
1. Platform enables anyone to become a participant in energy supply & consumption.
2. Platform reduces energy consumption through data analysis, automation, along with AI.

Energy as 'Service'

1. Transform the process of creating value for users and markets to discover new growth engines.
2. One-stop service for development, contract, purchase, installation, operation, management, finance, consumption, etc.

Energy as 'Finance'

1. Technology creates opportunities for innovative financing options
2. Fintech service provides optimized options for the applicant's situation, reducing excessive intermediate fees in the existing market





Inner Bottle

www.innerbottle.com

Industry

Manufacturing, recycling platform

Established Year :
2018

Employee Number :
16(contract)

Investment raised :
\$ 550M

Capital seeking:
\$2,000M (US\$ 0M committed)

Europe market experience : YES
ENGLAND

About Us (Team)
CEO (Steve Oh)

Strategy (Henry Han),
Marketing (Wook Ki),
Support (Eun-you Park)

Contact Info
Strategy Manager, Henry Han
hc.park@innerbottle.com

Inner Bottle is

- Eco-Friendly Packaging Waste Solution Provider
- RE-Turn Empty Bottle Collecting System
- Bottle Recycling Process/ provider

NEED

Who would be needed

1. Cosmetics manufacturer and plastic container manufacturer
2. Industries requiring eco-friendly containers

Why (Problem)

By injecting the contents into the inner cell, there is no liquid on the outer container, so it is convenient to recycle, and the inner cell is also capable of recycling resources.

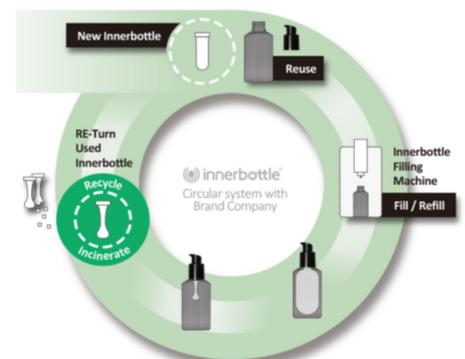
RESOLUTION

Strong points

1. Eco-friendly container solution that can be recycled with high purity
2. Applicable to cosmetic, food, pharmaceutical and industrial containers

Business Model

1. Inner bottle filling equipment sales
2. Inner cell and subsidiary materials sales
3. Recycling platform operation with LG





Marine Innovation

<https://eng.marineinv.com/>

Industry
Manufacturing

Established Year :
2019

Employee Number :
20 = 17(Internal) +
3(contract)

Investment raised :
\$1.1M

Capital seeking:
\$4.5 M

Europe market experience : NO

About Us (Team)
CEO (Wan-Young Cha),
COO (Na-Yung Roh), CTO
(Seong-Ryeol Kim), Staff
(Young-Gi Kim),
Staff(Sae-Rom Hong)
AND ETC.

Contact Info
COO, Na-yung Roh
+82-10-7459-2021
ny.roh@marineinv.com

Marine Innovation is provider of Seaweed-based products sustainable solution, and compostable plastic alternatives with 100% eco-friendly manufacturing methods, which are cost-effective, anti-bacterial, biodegradable and no chemical added.

NEED

Who would be needed

1. Government agencies
2. Retailers
3. Green consumer

Why (Problem)

Excessive use of plastic disposables and wood which is believed to be the cause of plastic pollution that has led to environmental hazards and this is a global concern. Marine Innovation seeks out alternatives to single-use products and that we rely on with natural resources.

RESOLUTION

Competitors

Evoware(indonesia)

Strong points

1. Biodegradable
2. 100% Eco-friendly manufacturing methods
3. Cost-effective

Business Model

1. Products made of seaweed extract - Agar-agar jelly, bio-bag
2. Products made of seaweed by-product - Egg carton, bio-cup, bio-plate, to-go box, meal kit.



Industry

Sensor, AI, ESG, Data analysis

Established Year :
2015

Employee Number :
10(only internal)

Investment raised :
\$1.5M

Capital seeking:
\$10M

Europe market experience : YES (France)

About Us (Team)

CEO (Doyeon Pi)
He has 15 years of experience in hardware and software development. He developed a number of IoT products from Korean and foreign big companies.

Contact Info

Director, Hyunwoong Oh
chrishoh@piquant.tech

PiQuant develops plastic distinguish solution using spectral camera. It has much higher accuracy than existing method, even it is mini size and affordable price.

NEED

Who would be needed

1. Government office which has interest on green city and smart city.
2. Recycling plant

Why (Problem)

Existing method which only use AI Vision technology has very poor accuracy for damaged trash as it only analyze the shape of trash.

RESOLUTION

Competitors

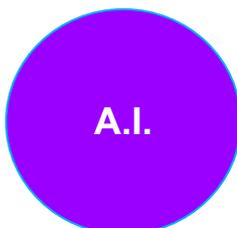
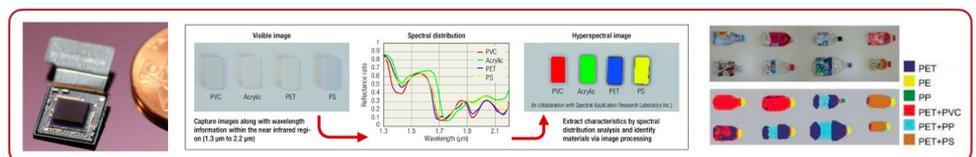
Netatmo (France), Orium mesure (France)

Strong points

1. High Accuracy
2. Small Size
3. Affordable Price

Business Model

1. Device sales
2. Monthly data analysis fee



Home plastic bin



Building plastic bin



Street recycle equipment



Waste disposal facilities

Industry

CleanTech – Renewable Energy

Established Year :

2016

Employee Number :

17

Revenue Generated:

\$1,400,000

Investment raised :

\$2,976,000

Capital seeking:

\$2,000,000

Use of Funds:

40% Manufacturing
 35% Research and Development
 25% Marketing and Sales

Europe market experience:

No

About Us (Team)

CEO (Seongdae Jeong)
 COO (Seungil Lee)
 R&D Lead (Donghwan Kim)
 CGS (Ha Seung Chung)

Contact Info

Chief Global Strategist,
 Ha Seung Chung
chs@resetsnow.com

Reset Company develops and manufactures intelligent robotics for solar panel cleaning and maintenance. Our robots clean solar panels for optimum performance, but also ensures panel longevity.

NEED

Market/Customer Base

1. Solar Power Plant Owners
2. Commercial Rooftop and Building Solar Panel Owners

Why (Problem)

Solar panels lose 10%~35% of potential power production due to snow and obstruction on their surfaces. To prevent this, cleaning and maintenance is required, but doing this manually does not make sense economically.

RESOLUTION

Competitors

1. Ecoppia
2. Boson Robotics
3. SolarACM

Strong points

1. Robust and Versatile: accommodates solar panels regardless of the panel's angle (horizontal to vertical), or gaps between panels by using a patented, proprietary method.
2. Effective Cleaning: uses a dual brush cleaning method (rotational and strip brush), and operates on a sensor and timer based cue to ensure optimum conditions for cleaning.
3. Proven Technology: revenue is actively being generated for products in Korea and Japan.

Business Model

1. Brownfield – sell to commercial solar panel owners directly to service existing solar panels
2. Greenfield – partner with solar power installation companies to enter new commercial sites together.

