붙임3 **기업안내자료 (학생배포용, 영문)**

Company

Company	SWITCH-ON Co., Ltd.	Date of establishment	December 8, 2021
Industry	Manufacturing / Lighting Equipment	Address	Room 208, Aidong, 51 Buk-gu Cheomdan Venture-ro, Gwangju, Republic of Korea
Main products	Lighting equipment	Website	https://www.switch-onn.com/
Number of employees	2023	2024	2025
	7	9	7
Sales	2023	2024	2025
	KRW 4,722 million	KRW 5,021 million	KRW 4,151 million
Aspiring international student			
Desired nationality		INDIA, CHINA	
Position	tasks	Global marketing using AI SNS marketing and content management for overseas markets Planning and creation of AI-based marketing content	
	requirements	- Proficiency in AI tools and technologies - Practical skills in SNS marketing - TOPIK Level 4 or above, or sufficient Korean communication skills for business purposes	
Monthly salary (expected)	1month	2,236,300won	
	2month	2,236,300won	
Working hours	09:00–18:00	monthly pay (wage)	2,236,300won
Reference product, service materials (picture)			
			
CUREATORS Brand & Product Development History	Official Website & Product Information	Office & Working Environment	

SWITCH ON
COMPANY PROFILE

(주)스위치온 1533-6046
ask@switchon.ai.kr

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01 CORPORATE HISTORY

회사 연혁

SWITCH ON

회 사 명	(주) 스위치온	사업자등록번호	237-81-02555
설 립 일	2021.12.08	본사소재	광주광역시 북구 첨단벤처소로 51, 에이동 208호
대표자명	김형민	업 종	조명기구, 전자상거래 등
회사인원	총 10명	연매출	24년 매출 기준 약 57억원

* 2024년 기업회계기준으로 작업되었습니다.

02 MAIN BRAND

메인 브랜드

메인 브랜드 01	메인 브랜드 02	메인 브랜드 03	메인 브랜드 04
ILKW.	HIMPEL	bokuk	SWISS STYLIES
일광전구	**힘펠**	**보국전자**	**스위스 스타일리스**
창립 50주년을 맞이했던 지난 2013년 일광전구는 'We Make Light'라는 슬로건을 내걸고 또 다른 50년을 위한 재도약을 시작하였습니다. 야외파티용 전구나 클래식 전구의 출시는 지금의 시대가 새로이 필요로 하는 빛을 전하기 위한 일광전구의 노력입니다.	힘펠은 욕실 환풍기, 환기시스템을 제조하는 IAQ(Indoor Air Quality) 전문 기업으로서 "우리는 공기, 에너지 기술을 통하여, 인간건강에 기여 한다"는 미션 아래 실내환경에서의 공기질이 건강하고 쾌적한 생활을 할 수 있게 하는 IAQ 선도 기업입니다.	끊임없는 제품 개발로 고객이 원하는 제품을 생산하기 위해 노력하였고, 오직 한 길을 지키며 묵묵히 걸어온 장인정신으로 지금의 보국이 되었습니다. 혁신과 창의성이 중시되는 현재를 만들어가기 위해, 소형가전 전문기업으로의 한단계 발전을 위해 “젊은 보국”을 모토로 변화하고 있습니다.	1958년 설립된 스타일리스는 자연의 아름다움과 인간의 정밀함이 완벽한 조화를 이루는 스위스의 프리미엄 브랜드 입니다. 맑고 깨끗한 공기의 순수함과 삶의 본질에서 영감을 받아, 일상의 순간 하나하나를 더욱 아름답게 디자인합니다.

02 MAIN BRAND

자사 브랜드

자사 브랜드

WEEKEND HOUSE

Cureators™

위켄드하우스

큐리에이터스

모든 가치는 '스위치'를 켜는 순간부터 시작된다 창작자와 기획자의 안목이 만나 새로운 가치를 만들어내는 브랜드입니다.
단순한 제품 생산을 넘어, 가치 있는 창작물을 큐레이션하고 문화를 제안하고 일상에 스며드는
감각적인 쉼과 여유를 주말처럼 따뜻하고 여유로운 라이프스타일을 이어나갈 수 있도록
위켄드하우스의 탄소매트, 쿨매트 "Cureators 의 인테리어 무드등의 리빙 라이프 아이템을 제안합니다.

03 OLINE SHOPPING MALL

온라인 입점 쇼핑몰

네이버 스마트스토어

지마켓

카카오톡스토어

롯데온

옥션

11번가

29CM

코오롱몰

쿠팡

오늘의 집

03 OLINE SHOPPING MALL

온라인 입점 쇼핑몰

롯데홈쇼핑

CJ온스타일

농협몰

아트박스

LF몰

SK스토아

제이슨딜

토스몰

현대몰

캐시딜

03 OLINE SHOPPING MALL

온라인 입점 쇼핑몰

T딜

몰파이

베네피아

기아샵

플러스B2B

04 REPRESENTATIVE PRODUCT

브랜드별 대표상품

일광전구 스노우맨22 테이블 스탠드



스노우맨 22 V2 테이블 스탠드-버터, 핑크, 화이트
납작한 눈사람의 모습과 닮은 유리구는 기계의
정교함이 만들 수 없는 자연스러운 매력을 더하기 위해
수작업 블로잉으로 제작되었습니다.
WHITE, PEACH, BUTTER 3가지 컬러가 있으며
불이 꺼진 낮에도 아름다운 컬러가 돋보입니다.
스틸소재를 섬세하게 가공 후 유리구와 연결하며
유리구 안쪽에 LED 전구가 자연스운 빛의 산란을
만들어내어 시각적인 편안함을 줍니다.

힘펠 휴젠뜨 2.5 FHD-P150S1



욕실 복합환기가전 휴젠뜨 2.5
온풍, 제습, 환기, 헤어&바디드라이 4가지 기능
BLDC Fan-Motor(고효율/저소음)
정풍량 욕실 환기팬 인증
6중 안전장치
강/중/약 풍량 조절
PCT 히터 적용/고기밀 모터댐퍼
프리필터/터치리모컨

보국전자 탄소 전기요 그레이마운틴



그레이마운틴 탄소 전기요-싱글, 더블
EMF 안심 인증
무전자계 6중 카본 열선
특허받은 에어셀 퀼팅
원적외선 방출
BAF 인증으로 알러지 안심
세탁이 간편한워셔블 전기요

보국전자 무선 서큘레이터 BKF-4335



보국전자 무선 서큘레이터 BKF-4335-화이트
BLDC모터
4가지 모드의 바람(정방향, 역방향, 자연풍, 수면풍)
6단계 풍속
저소음, 저전력
초슬림 디자인으로 일반 아파트에서도 사용 가능
무선 리모컨
모던한 디자인

04 REPRESENTATIVE PRODUCT

브랜드별 대표상품

스위스 스타일리스 실링팬 132cm



스위스 스타일리스 실링팬-화이트, 블랙
BLDC모터
4가지 모드의 바람(정방향, 역방향, 자연풍, 수면풍)
6단계 풍속
저소음, 저전력
초슬림 디자인으로 일반 아파트에서도 사용 가능
무선 리모컨
모던한 디자인

위켄드하우스 소록소록 탄소매트



위켄드하우스 소록소록 탄소매트-싱글, 더블
전자파 안심 EMF 인증
매일 8시간씩 한달사용시 전기요금 6,820원 절전형
화재걱정 없는 탄소 3중 열선
9단계 온도조절
간편한 물세탁 워셔블
최대 15시간 자동 타이머, 1-9시간까지 타이머 설정 가능
2년 무상 A/S

위켄드하우스 듀라론 쿨매트



위켄드하우스 듀라론 쿨매트-킹
휴비스사 정품 듀라론 함량 100%
QMAX(접촉냉감도) 원단 인증, 쿨매트 별도 인증
폼알데하이드, 형광증백제 미검출, PH 합격,
무형광 원단, 라돈 검사 통과, 알러지성 염료 준수
아동용 적합 인증, 오코텍스 1등급
우수한 통기성으로 빠른 수분 배출이 가능
통세탁 가능, 필링박스법(보풀테스트) 인증
모서리 고정밴드

큐리에이터스 본슈 포터블 램프



큐리에이터스 본슈 포터블 램프-레드, 크림
'선물로 전하는 빛' 선물 그 이상의 의미로 행복을 전하는 빛이 되고자 합니다.
모두에게 친숙한 '신발'을 모티브로 두 짝이 모여 한 쌍이 되듯, 친구나 커플이 선물로 나눠가지며 동심을 일깨울 수 있는 조명입니다.
안전한 소재와 다양한 활용도, 편리한 이동성, 귀여운 디자인 모두 겸비한 본슈 포터블 램프는 일상 속 따뜻한 감성과 실용성을 담았습니다.

THANK YOU

주식회사 스위치온

SWITCHON · GOVERNMENT EXPORT PROGRAM PROPOSAL

2026 Business Plan

Taking Emotional Lighting Global — Own-Brand Export Scale-Up Strategy

Submitted to Export Support Program (agency to be confirmed)

Prepared July 2026 · SWITCHON Inc. · CEO Hyungmin Kim

Draft version — some financial and market figures are provisional.

COMPANY OVERVIEW

A Lighting Company Linking Manufacturing, Brand & Commerce

Company	SWITCHON Inc.
CEO	Hyungmin Kim
Founded	December 2021
Employees	9 (Mgmt 1 · Sales & Mktg 4 · R&D 2 · QC & Production 2)
Location	Gwangju, South Korea (Startup Incubation Center)
Business	Lighting manufacturing · Design · Software · Live & online commerce
Website	www.switchon.ai.kr

1,300%

Wadiz crowdfunding achieved

BONCHOU Portable Lamp (Jan 2025)

USD 43,000

First own-brand export (2025)

FTA certificate of origin & export invoicing in-house

4+ national

Certifications held

Venture · Inno-Biz · Main-Biz · Pre-Premium SME

3,600 m²

Own factory site secured

Gwangju Cheomdan District 3 R&D Zone (2027 groundbreaking)

HISTORY & CERTIFICATION

From Startup to Exporting Manufacturer in Four Years

2021–22

Foundation & commerce base

- Incorporated (Dec 2021)
- Live-commerce team launched
- Shopping-live ops for appliance brands

2023

In-house R&D capability

- Dedicated R&D dept. established
- Certified venture company
- Own brand 'Weekend House' launched

2024

Manufacturing & export base

- Patent filed (portable lighting)
- Factory registered · Export Voucher
- Early-Startup Package · KIDP design

2025

First year of brand exports

- BONCHOU launch · Wadiz 1,300%
- First export: USD 43,000
- KOREA EXPO Paris participation
- Inno-Biz · Main-Biz certified

2026

Export scale-up (plan)

- Expand to Japan · Vietnam · Europe
- USD 200,000 export target (by 2027)
- Factory groundbreaking preparation

Quality: ISO 9001 / 14001-based QC · IP: design & trademark filings completed, incl. China

FLAGSHIP PRODUCTS

Cureators — Emotional Portable Lighting for Export

BONCHOU

Boot-shaped portable mood lamp (Jan 2025)

Signature rain-boot design. Cordless and rechargeable with 3-step dimming and a top storage pocket. Achieved 1,300% on Wadiz and led the company's first export.

Color / Light	Garnet Red · Cream Beige / 3000K
Features	Dimmer · Timer · Portable (rechargeable)
IP	Design & trademark filed, incl. China
Certification	KC certified · CE-ready

RUTIQUE

Tree & cloud portable stand (Aug 2025)

Blow-molded head creates varied moods by material and color. An extension line built on a Gwangju Technopark project (sound-reactive lighting).

Color / Light	White · Pale Rose · Pale Blue / 3000K
Features	Dimmer · Timer · Up to 60 hours of use
IP	Design & trademark filed, incl. China
Certification	KC certified · CE-ready

2026 lineup expansion: seasonal color renewals + IoT app-connected smart lighting model

MANUFACTURING CAPABILITY

In-House Manufacturing — Design to Mass Production

1. Material inspection
2. PCB design & mock-up
3. Injection molding
4. Assembly (mold + PCB)
5. PCT testing
6. Final QC & packing

Production	Molds · EDM · Assembly & finishing · CNC milling
PCB · SMT	Auto SMT mounter · Power supply · PCB printer
Prototyping	High-speed router · 3D printers · Laser cutter · Bender
Software	3D CAD · PCB CAD · 3D design workstation

Export edge: in-house molds, injection & SMT → ODM/OEM for overseas buyers + fast small-lot production + Korean-origin certification

2025 EXPORT TRACK RECORD

2025 Results — Own-Brand Exports, Proven

USD 43,000

First own-brand BONCHOU export

FTA certificate of origin and export invoicing handled fully in-house — trade operations proven

Paris Expo

KOREA EXPO Paris 2025

Participated as a representative company of Gwangju City → first European buyer contacts secured

Tokyo Prep

Lifestyle Tokyo 2026 preparation

Pricing & MOQ package for Japanese buyers; Qoo10 K-brand short-form content plan completed

2 Years Running

Export Voucher Program (MSS)

Selected in 2024 and 2025 → hands-on experience with certification, marketing and logistics vouchers

→ 2026: converting proven products and trade capability from one-off exports into recurring overseas sales

GLOBAL MARKET

The Rise of Emotional & Portable Lighting

The global decorative lighting market grows ~8% a year (prov.) — driven by home interiors, camping and single-person households.

1 K-Living Premium

Korean lifestyle and design goods gaining popularity across Japan and Southeast Asia on the back of K-content

2 Design Differentiation Gap

About 60% of consumers report dissatisfaction with monotonous designs and features in the mood-lighting market

3 Portable Category Growth

Cordless, rechargeable lighting is surging on indoor-outdoor demand — camping, terraces, and moving spaces

4 Smart Control Premium

App-connected lighting control is emerging as a key purchase driver in the premium segment

→ Cureators products combine design differentiation + portability + smart control — exactly where the market gap is

* Figures marked (prov.) are provisional and will be replaced with confirmed data

TARGET MARKET 1

Target Market 1 — Japan

Why this market

- Largest demand market for K-living & design goods; easy logistics and after-sales support
- High online purchase share for interior goods (Qoo10 · Rakuten)
- Preference for compact, premium products fits BONCHOU's positioning

Foundations in place (2025)

- Lifestyle Tokyo buyer meetings prepared (pricing & MOQ package ready)
- Qoo10 K-brand short-form content planned (3 Cureators SKUs)
- Japan-specific packaging & manual localization initiated

2026 action plan

1. Exhibit at Lifestyle Tokyo, follow up with buyers → sign 1 local distributor
2. Obtain PSE and other Japanese certifications (via Export Voucher)
3. Launch on Qoo10 · Rakuten with short-form-driven D2C sales
4. Select a local 3PL partner → shorten delivery lead times

2026 target: USD 60,000 exports (prov.) · 1 distribution partner

* Figures marked (prov.) are provisional and will be replaced with confirmed data

TARGET MARKET 2

Target Market 2 — Vietnam · Southeast Asia

Why this market

- Home-interior spending rising fast with the middle class; strong K-brand preference
- Shopee-driven e-commerce boom — country-level purchase patterns researched
- Korea–Vietnam FTA tariff benefits support price competitiveness

Foundations in place (2025)

- Vietnam CR certification (QCVN) requirements researched
- FTA certificate of origin (Form VK) process verified
- Shopee country-by-country purchase pattern research completed

2026 action plan

1. Obtain Vietnam CR certification and appoint a local representative
2. Launch on Shopee Vietnam & Thailand with local influencer campaigns
3. Join a Ho Chi Minh City living fair → identify retail buyers
4. Build a Southeast Asia fulfillment (consignment) scheme

2026 target: USD 40,000 exports (prov.) · storefronts in 2 countries

* Figures marked (prov.) are provisional and will be replaced with confirmed data

TARGET MARKET 3

Target Market 3 — Europe

Why this market

- Initial European buyer network established through the Paris expo
- Home of design lighting — premium pricing possible where design is recognized
- CE certification opens access to the single EU market

Foundations in place (2025)

- KOREA EXPO Paris 2025 completed (Gwangju representative company)
- CE-ready product design and certification scheme in place
- Overseas IP secured, including China design filings

2026 action plan

1. Follow up Paris expo leads → enter European select shops
2. Review participation in Maison&Objet and other European fairs
3. Test cross-border sales via Amazon EU / Etsy
4. Complete CE·RoHS compliance work (via Export Voucher)

2026 target: USD 30,000 exports (prov.) · 3 select-shop listings

* Figures marked (prov.) are provisional and will be replaced with confirmed data

Three Pillars — Exhibitions · Online · Content

Exhibitions

Global trade fairs

- Lifestyle Tokyo buyer meetings (Japan)
- Paris expo follow-ups across Europe
- KOTRA trade missions & video meetings
- Structured follow-up within 30 days

Online channels

Cross-border e-commerce

- Qoo10 · Rakuten launch (Japan)
- Shopee launch (Vietnam · Thailand)
- Amazon EU test sales
- Country-level pricing & promo calendar

Content & brand

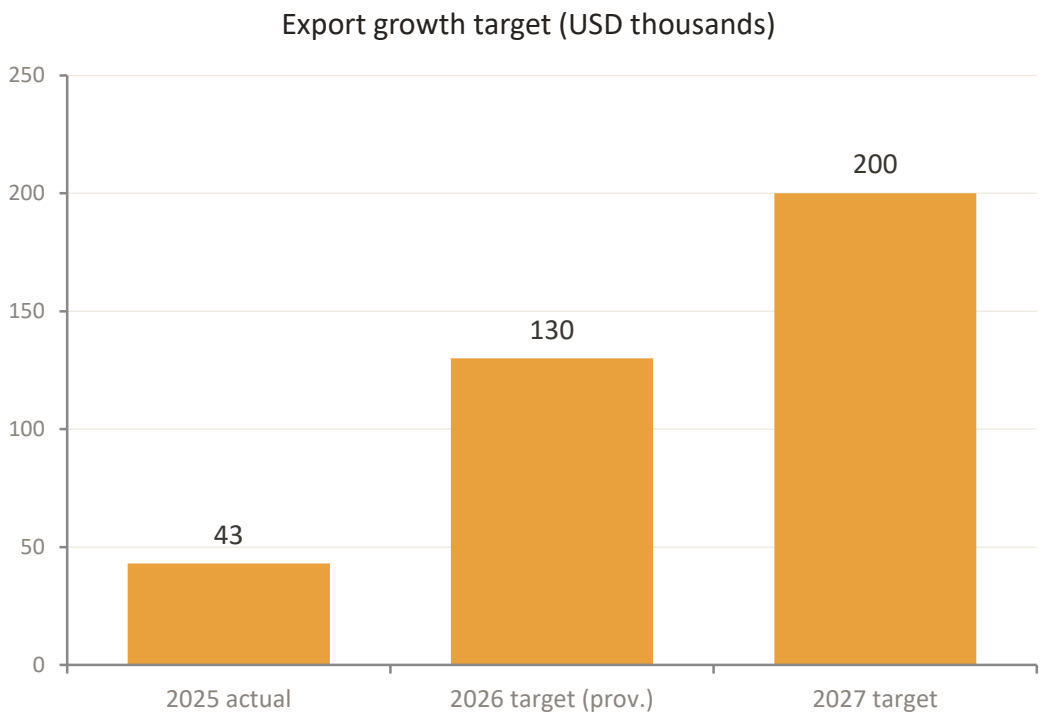
K-living content marketing

- Localized short-form (Reels · TikTok)
- Local influencer review campaigns
- #BONCHOU hashtag UGC campaign
- Live-commerce know-how applied abroad

Differentiator: our in-house live-commerce studio and know-how feed directly into overseas D2C content — fast and without outsourcing

2026 TARGETS

2026 Business Targets



Total revenue	**KRW 20.1B**	Domestic B2B & online + exports
Exports	**USD 130,000 (prov.)**	Japan 60K · SEA 40K · Europe 30K
Overseas partners	**3 distributors (prov.)**	Japan 1 · Vietnam 1 · Europe 1
Certifications	**PSE · CR · CE**	Obtained via Export Voucher
New SKUs	**4 (prov.)**	Seasonal colors + IoT app model

2026 is the scale-up year toward USD 200,000 in exports by 2027 — building an export growth axis on a solid domestic base

* Figures marked (prov.) are provisional and will be replaced with confirmed data

2026 ROADMAP

Quarterly Execution Plan

Q1	Q2	Q3	Q4
• Start PSE (Japan) & CR (Vietnam) certification • Qoo10 launch & content production • Lifestyle Tokyo preparation	• Exhibit at Lifestyle Tokyo • Negotiate Japanese distributor contract • Shopee Vietnam launch	• Fall seasonal product launch • European select-shop negotiations • SEA influencer campaign	• Launch IoT app-connected model • Confirm European fair participation • Draft 2027 export expansion plan

Ongoing: Export Voucher management · monthly export reviews · buyer CRM · FTA origin management

EXPECTED OUTCOMES

A Regional Manufacturer Becoming a Global Brand

Export growth

43K → 200K USD (2027)

Roughly 5x own-brand export growth by 2027, built on recurring overseas deals

Job creation

4 new hires

Overseas sales & content roles → new jobs in the Gwangju region

Industry impact

Regional export hub

Linked to the new factory in Cheomdan District 3 (groundbreaking 2027)

SWITCHON Inc. | CEO Hyungmin Kim

A-208, 51 Cheomdanventure so-ro, Buk-gu, Gwangju, Republic of Korea · T. +82-1533-6046 · ask@switchon.ai.kr · www.switchon.ai.kr

Every value begins the moment you switch on.

붙임3 기업안내자료 (학생배포용, 영문)

Company Turbinecrew Co., Ltd.

Company	Turbinecrew Co., Ltd.	Date of establishment	2022.11.04.
Industry	Information & Communications / Manufacturing	Address	301, 679 Bitgaram-ro, Naju-si, Jeonnam-Gwangju Integrated Special City, Republic of Korea
Main products	Eco-Clebine, TlatFarm, TCR950/Aqualync, E-UGV	Website	https://turbinecrew.co.kr
Number of employees	2023	2024	2025
	3	6	13
Sales	2023	2024	2025
	847	1657	2853
Aspiring international student			
Desired nationality		• Preferred Nationality / Language Background • Applicants from English-speaking countries preferred	
Position	tasks	- Support the preparation, translation, proofreading, and organization of company, product, and business-related documents in Korean and English. - Assist with global business activities, including market and company research, communication with overseas partners, and preparation for international exhibitions, programs, and business meetings. - Provide general business and administrative support, including document organization, information research, schedule coordination, and preparation of materials for external projects and events.	
	requirements	- Good written English skills and basic Korean communication skills for daily work. - Basic proficiency in office software and the ability to research, organize, and summarize information accurately. - Interest in technology, startups, and global business, with a willingness to learn about the company's products and business areas.	
Monthly salary (expected)		KRW 2,236,000 per month	
Working hours	40 hours per week 8:00~17:00 (Lunch Break 11:30~ 12:30)	monthly pay (wage)	KRW 2,236,000
Reference product, service materials (picture)			

<table>
<tr>
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<tr>
<td colspan="3">
• Eco-Clebine
A self-powered smart pole combining renewable energy generation, energy storage, sensors, and IoT technologies for off-grid and smart infrastructure applications.
• TlatFarm
An AI-based smart farming platform that integrates environmental sensors, drones, and field data to support efficient farm monitoring and management.
• TCR950 / Aqualync
A smart water monitoring solution that adds remote control and monitoring capabilities to existing automatic water samplers through IoT and mobile technologies.
• E-UGV
An unmanned ground platform designed to support mobile energy supply, remote monitoring, and autonomous field operations.
</td>
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Aqualync

Aqualync는 물재생시설 자동채수기에 부착된 IoT 장치와 연결하여, 스마트폰만으로 원격 채수와 상태 확인을 할 수 있는 전용 앱입니다. **현장에 나가지 않아도 앱에서 바로 채수기를 제어하고, 실행 결과를 실시간**으로 확인할 수 있습니다.

Google Play

구글 플레이스토어에서 만나보실수 있습니다.

TURBINE CREW

App 사용 설명서

Email	contact@turbinecrew.co.kr
Instagram	tbcrew2021
HOMEPAGE	www.turbinecrew.co.kr
OFFICE	#301, 679 Bitgaram-ro, Naju-si, Jeollanam-do, Republic of Korea

TURBINE CREW

TCR950

Turbine Crew Remote





TCR950

water intake structure

방류수(하수처리장·폐수처리시설에서 흘려보내는 물)를 정해진 조건에 따라 자동으로 채취해 병에 담아 보관하는 수질 감시 장비입니다.

사람이 상주하지 않아도 정기적으로 시료를 확보할수 있으며 **HACH의 AS950에 결합된 앱 원격 제어 프로그램**으로 자동화된 분석시스템을 제공합니다.

TCR950 특장점

교체없는 IoT

기존 HACH AS950 메인보드 무개조.
키패드 라인만 중계하는 '키패드 브릿지' 방식으로,
고가 장비를 버리지 않고 그대로 IoT화합니다.

대응시간 감소

수질TMS 기준 초과 시, 현장 출동 없이 앱으로 즉시 원격 채수. 대응시간을 66.7% 단축해 초과 시점의 실제 시료를 확보합니다.

채수 여부 실시간 확인

타사 원격 제품은 명령만 보낼 뿐 실행 여부를 알 수 없지만, TCR950은 WebSocket ack 핸드셰이크로 명령·상태값을 실시간 회신합니다.

무교육 현장 운용

AS950 컨트롤러를 1:1로 재현한 앱 화면으로,
별도 교육 없이 기존 사용자가 바로 씁니다.
게이트웨이는 자동으로 탐색·연결됩니다.

“쉽고 빠르게 기존 채수기의 교체없이 IoT를 사용하실수 있습니다”



TCR950 세부 사양

- 메인 프로세서 — 라즈베리파이 기반
- 연결 방식 — 키패드 브릿지 PCB
- 무선 통신 — LTE / LoRa
- 근거리 연결 — Wi-Fi AP · mDNS 자동 프로비저닝
- 배터리 — 코드 연결

외함 사양

- 구조 — 펌프부·보존부 분리 슬라이딩
- 보호 — 방수 · 보온 · 보안 문
- 이동성 — 이동용 바퀴 / 손잡이
- 환경 — 물재생시설 외부 환경 안정 운용
- (동작 온도: -30~70 / IP 등급: IP55)

ECO-CLEBINE

TURBINE CREW



TURBINE CREW





ECO-CLEBINE

ECOCLAVIN BY TURBINE CREW IS REACHING EVERY CORNER OF THE PLANET, SETTING A NEW STANDARD FOR ENERGY
THE CHANGE THAT BEGINS IN KOREA TODAY WILL BECOME TOMORROW'S GLOBAL BENCHMARK FOR CUTTING CARBON

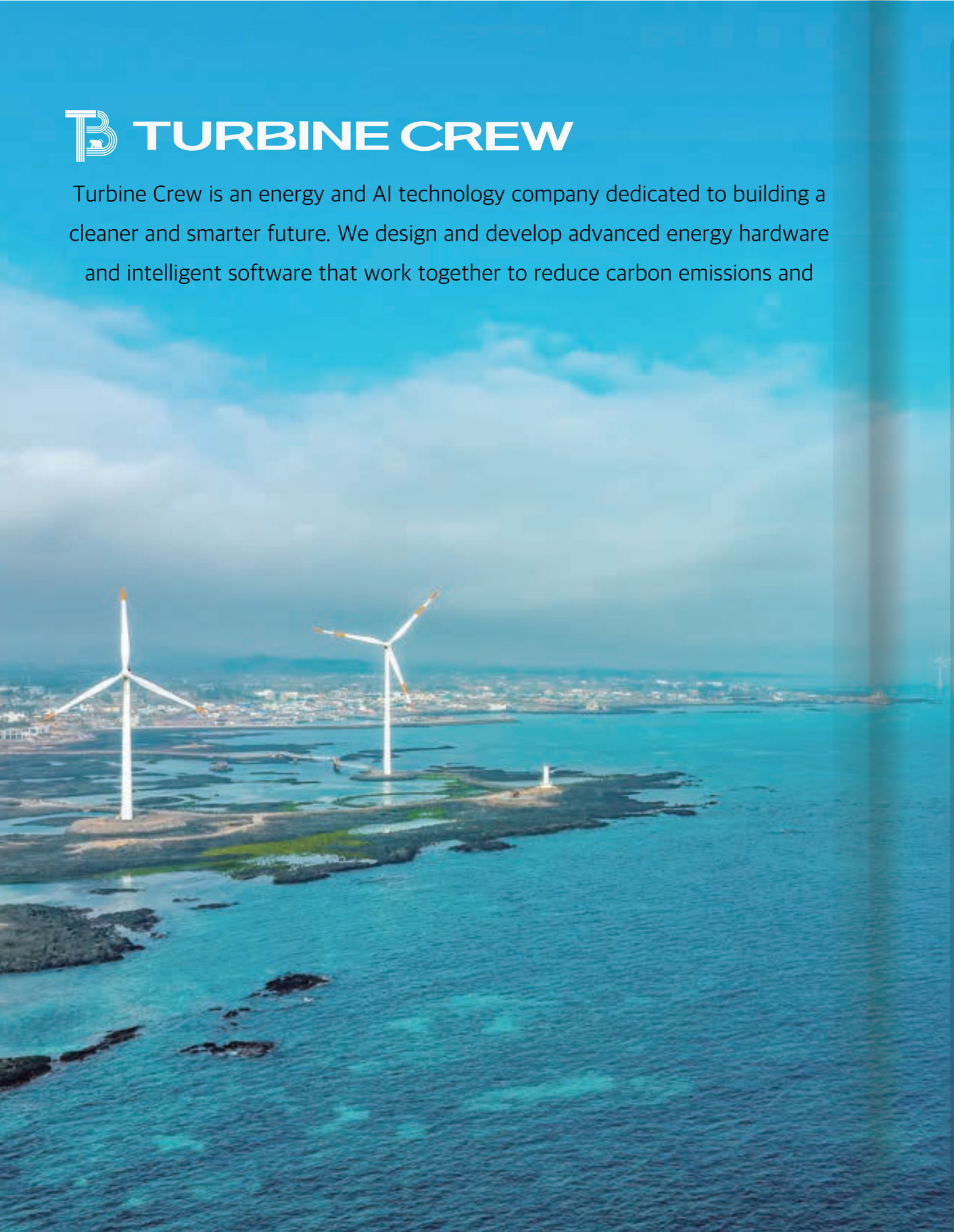
CONTENCT

- COMPANY INTRODUCTION
- WHAT IS ECO - CLEBINE
- PRODUCT DESCRIPTIONS
- DRONE STATION



TURBINE CREW

Turbine Crew is an energy and AI technology company dedicated to building a cleaner and smarter future. We design and develop advanced energy hardware and intelligent software that work together to reduce carbon emissions and



Turbine Crew Vision And Management Philosophy

TurbineCrew is creating a foundation for continuous growth through independent technology development and research activities. We are currently applying for patents for smart systems and artificial intelligence systems, and we are enhancing our business competitiveness through trademark applications for our integrated brand.

In addition, the ESS (Energy Storage System) made by storing renewable energy in recycled batteries received good results in test reports. Together with professors and the board of directors, including Ph.D. and master's degree members, we are achieving excellent results in various fields.
This is helping related industries that are "growing together" with TurbineCrew's technology to grow as well. With TurbineCrew's green energy development, we will resolve power imbalance and contribute to creating a sustainable Earth..

VISION

ESG Management

Environmental + Social + Governance

TurbineCrew's vision is to develop a new form of wind power, viewed through artificial intelligence, and to utilize the wind generated by vehicle traffic on road medians to generate electricity.
We aim to become a company that pursues beautiful Earth and ESG through eco-friendly electricity.

TURBINE CREW CI

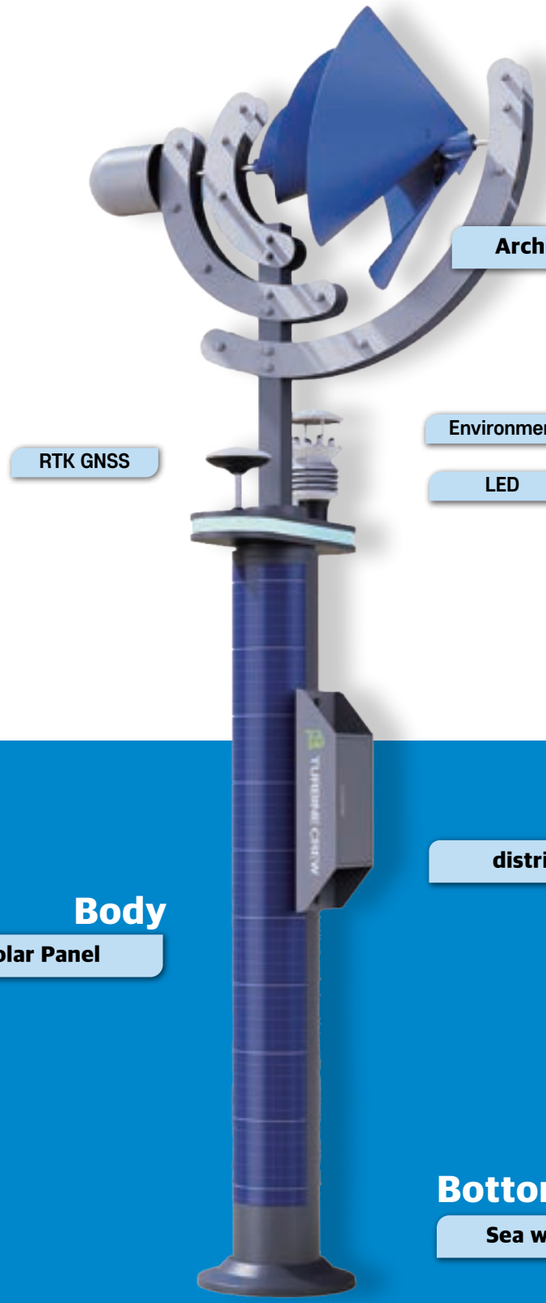
TurbineCrew BI
(Clebine, TBPASS, TlatFarm)

CI - The design evokes the image of a turbine, symbolizing sustainable and eco-friendly energy. It represents the determination to achieve the best results through sustainable energy solutions.

BI - This design characterizes wind power, a type of renewable energy. The energy of the sustainable and circular Earth is represented by an arrow, and the natural, eco-friendly products of TurbineCrew are depicted by a leaf. The slogan "Smart Turbine for a Bright Future" is included to emphasize the identity of the AI-powered wind turbine.

ECO-CLEBINE

ENERGY FROM NATURE POWER FOR THE FUTURE



ARCHIMEDES WIND TURBINE





WIND TURBINE BLADE

Low wind speed (≈ 3 m/s) maneuvering

50 dB(A) low sound Archimedes blade (safety/noise)

Data-driven operation (REST→Pub/Sub, TlatFarm)

easy to maintain with modularization

The Archimedes wind turbine can be started at low wind speeds of about 3 m/s and is suitable for urban environments with low noise of less than 50 dB. Its proprietary Archimedes blade ensures both safety and quietness. It can be managed in real time through TlatFarm interworking with the data operating system switched from REST to Pub/Sub, and its modular design makes maintenance efficient.



Ecoclebin Production Conference

What is ECO-CLEBINE

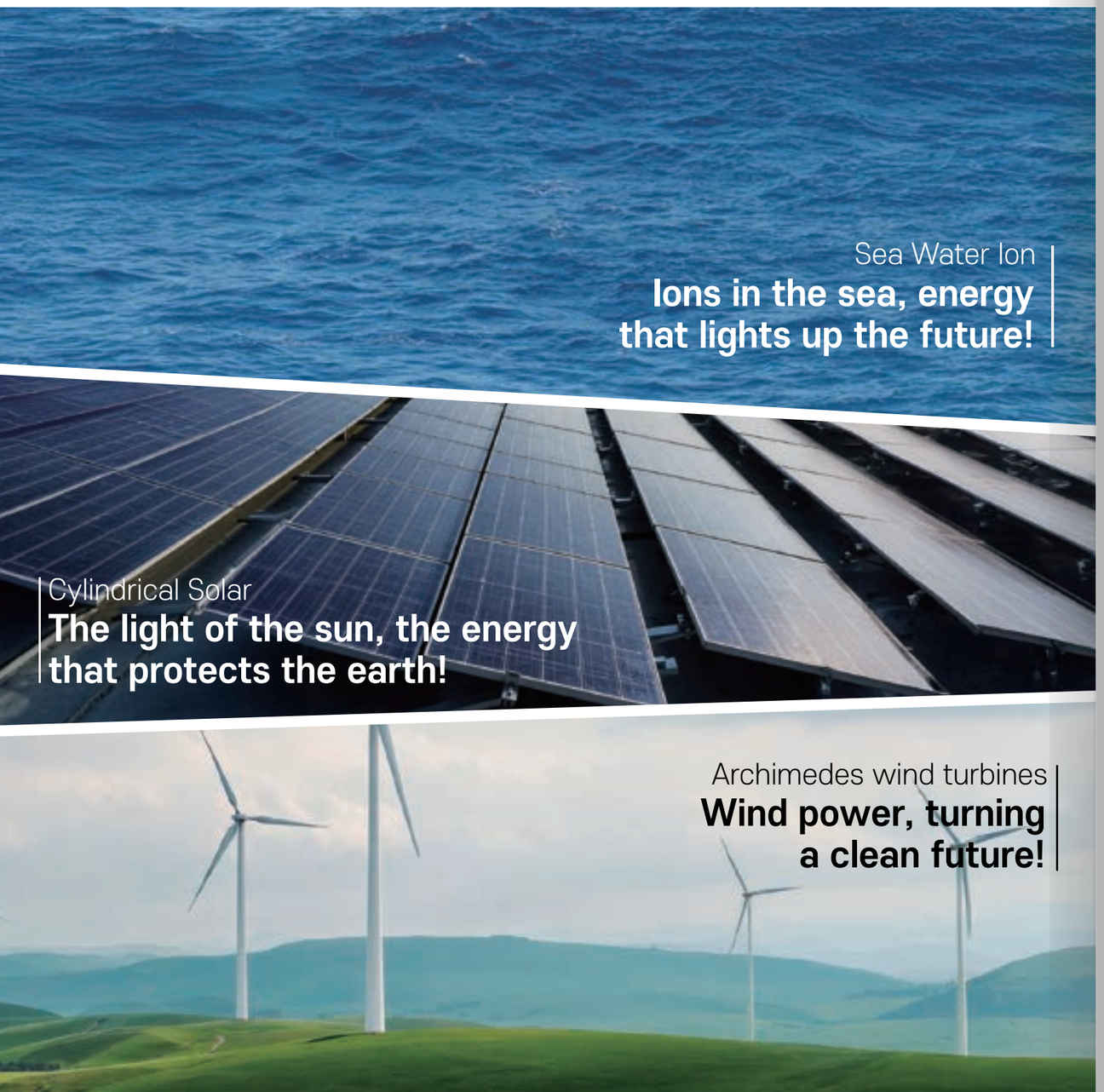
EcoClebine is one of the smart pole products developed by our company and is a streetlight powered by renewable energy. The characteristic part is that it is a multi-source power generation method that uses three renewable energies: Archimedes wind generators, cylindrical solar panels, and seawater ion generation.

Because these three energy sources generate their own power, they can operate reliably in islands or remote places where power is difficult to supply, act as an emergency power grid in urban areas and increase infrastructure stability.globally, Turbine Crew is committed to turning innovative ideas into real-world impact for the planet.

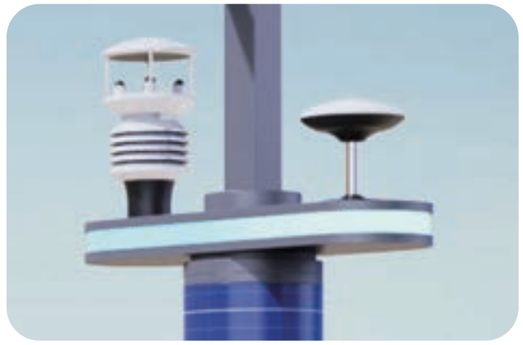
WHY ECO-CLEBINE

EcoClebine was developed with the aim of fully automating the operation of unmanned aircraft. Automating the power supply is critical to unmanned aerial vehicles. However, it was expensive to install and difficult to deploy wires from the outside to charge them. As a result, a self-generated charging station, a device that could collect power on its own, was required.

MULTI - ENERGY SOURCE RENEWABLE POWER GENERATION



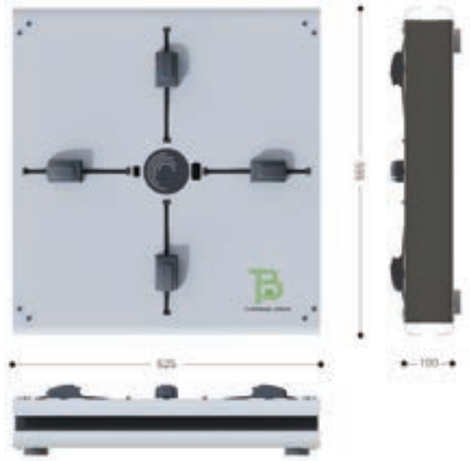
ON - DEVIECE PROCESSING



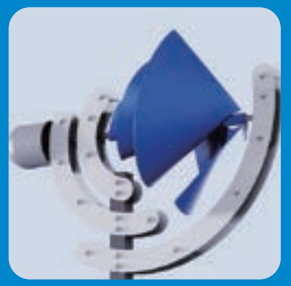


Environmental sensors collect power generation and related data of Eco-Clebine, and RTK technology is used to accurately locate drones linked to Tratfarm. In addition, MCU and electronic equipment are





MODULAR STRUCTURER



Archimedes wind turbines are eco-friendly power generation devices that convert kinetic energy of wind into electric energy. They generate electricity by turning a generator through a turbine that

Head



A cylindrical solar panel is a solar power generation device designed in the form of a cylinder that efficiently generates electricity by receiving sunlight from various directions. It is highly efficient in

Body



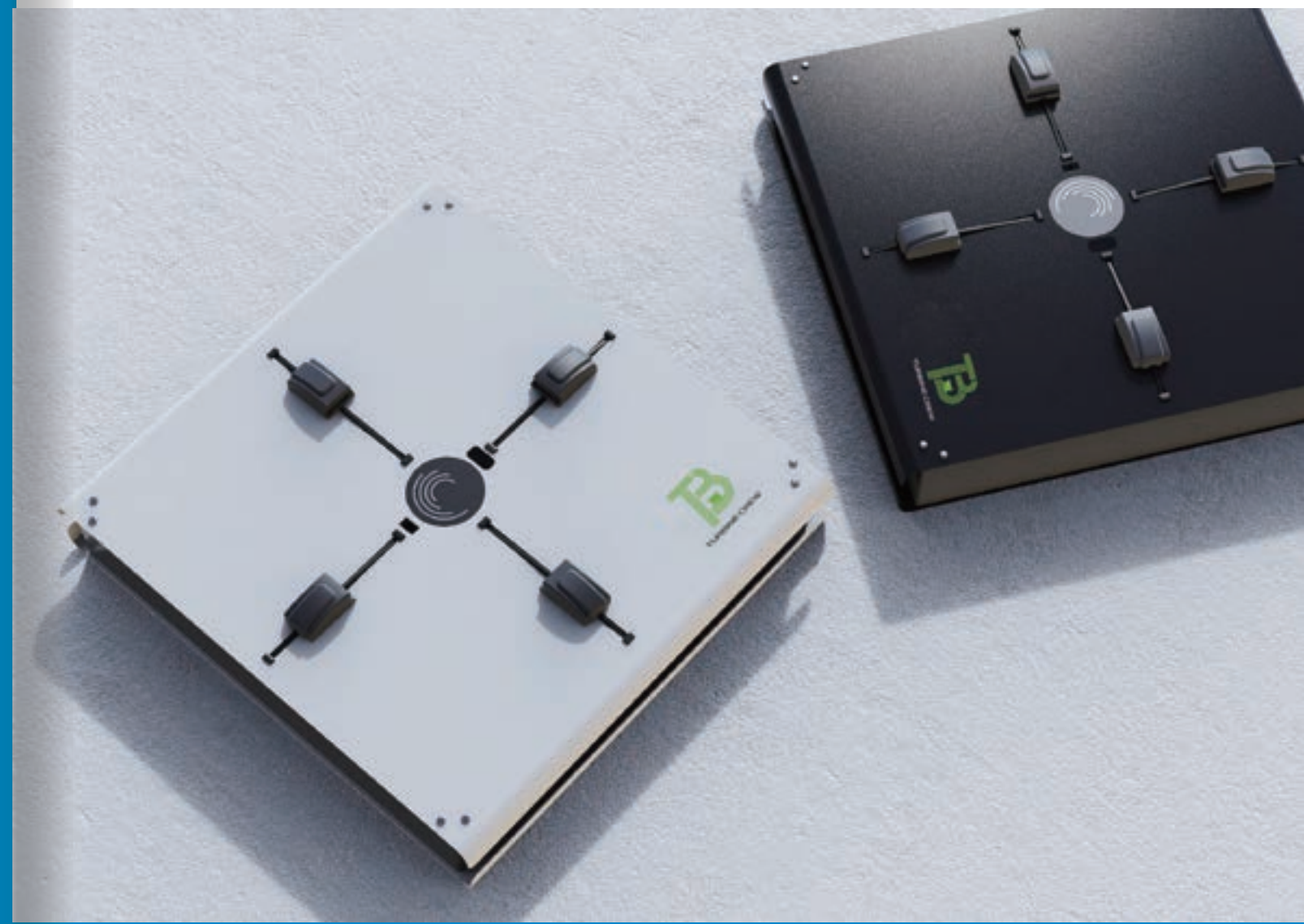
Seawater (ion) power generation is a technology that generates electricity by using the difference in the concentration of positive ions and negative ions in seawater. It is an eco-friendly and sustainable

Bottom

TLATFARM

Turbine Crew has completed the exterior and internal structure of the drone's wireless charging station and is about to produce a prototype.

The station is designed for a smart pole-based environment and receives power independently through solar, wind, and seawater power generation. The RTK module mounted on the smart pole supports precise landing of the drone and enables position correction.



TURBINE CREW

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Instagram tbcrew2021

HOMEPAGE www.turbinecrew.co.kr

OFFICE #301, 679 Bitgaram-ro, Naju-si, Jeollanam-do, Republic of Korea

TURBINE CREW

TURBINE CREW

Technologies Live At The Farm



TlatFarm
TB crew's smart farm platform

Venture Company

Direct Production

R&D Department

Best company for preliminary start-up package

2022 K-Maker Star Challenge Encouragement Award

OUR SERVICE

We develop integrated platforms for agricultural automation, energy optimization, and AI-based intelligence.

- Smart Pole for Renewable Energy Generation
- Autonomous Drone Management
- AI-based crop diagnosis system
- Real-Time Farm Monitoring Dashboard

Advantages

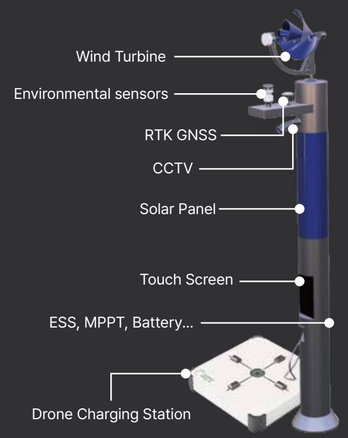
· Disposal-Free
· Efficient According to Price
· Customisable Design
· ML-adopted Forecasting Model

Track Records

· Recycling Waste Batteries (800+)
· Distribution (1)
· PCT (3)

Smart Pole

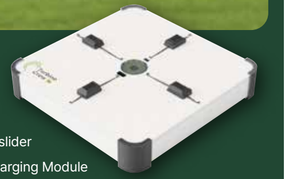
Self-generation using solar and wind power



Agri-Drone



- Lidar
- QR Camera
- Positioning slider
- Wireless Charging Module



Drone wireless charging station

Smart Farm



Real-time monitoring

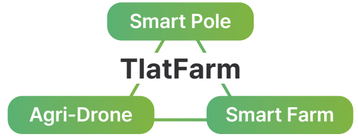


Crop growth analysis using NDVI index

Agricultural Innovation through Automation

TlatFarm
TB crew's smart farm platform

TlatFarm is a smart agriculture platform that integrates Smart Poles, Agricultural Drones, and an AI-based crop diagnosis system.



1. Less manual labor by automating key tasks like flight and charging.
2. Faster identification of crop risks through AI-based image analysis.
3. More efficient farm operation with centralized platform control.

TURBINE CREW

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