

TechBIZKON V

GREEN
TECH

DECEMBER 7TH 2021
SHIBUYA QWS //
SHIBUYA SCRAMBLE SQUARE



B2Match – Business Matching Online available from Dec 7th to 10th.
Online registration possible anytime from now:
<https://techbizkon-v-greentech.b2match.io>
Details and guidance for registration on page 24 in this booklet

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December 7th, 2021
3:30 pm to 9:00 pm (doors open: 3 pm)
Venue: Shibuya QWS
@ Shibuya Scramble Square 15F

TechBIZKON V
Connecting
Startups,
Corporates & VCs



EVENT SCHEDULE

- 3:00 PM** Registration Starts
- 3:30 PM** Opening Remarks
Greetings by Organizers
- 3:40 PM** **Panel Discussion I**
"Greentech: Technology Panel" with representatives from German adelphi consult GmbH, Flanders Investment & Trade, Green Tech Cluster Austria and Italian startup information service "Startupbusiness"
-
- 4:15 PM** **STARTUP PITCHING I**
-
- 5:15 PM** Coffee Break
- 5:25 PM** **Panel Discussion II** "Europe & Japan as space for tech startups and innovation" with representatives from Austrian Business Agency, Embassy of Italy, Flanders Investment & Trade, Shibuya City Government and NRW.Global Business Japan
-
- 6:00 PM** **STARTUP PITCHING II**
-
- 6:50 PM** Coffee Break
- 7:00 PM** **Award Ceremony** for Pitching Contest
- 7:10 PM** Networking Cocktail & Individual Talks with Startups
- 9:00 PM** Closing



THOMAS
WAGNER**COMPANY**

Aviloo GmbH

TEAM

Wolfgang Berger // CEO

Thomas Wagner // Head of Global Sales

SECTOR

Automotive

DATE OF INCORPORATION

11/2018

WEBSITE

www.aviloo.com

CONTACT

e info@aviloo.com

t +43 2236 374036 - 036

STAGE

Series A

CURRENT TARGET RAISE

EUR 4.000.000

WANTED

- ▀ OEMs
- ▀ battery cell manufactures
- ▀ dealerships (used-car-market)
- ▀ suppliers for workshop equipment and parts

PRODUCT/SERVICE

AVILOO SPECIALIZES IN BATTERY DIAGNOSTICS for electric vehicles and has developed a test for the condition of batteries of (used) electric vehicles.

STATE OF HEALTH ANALYSIS for BEV's and PHEV's

BATTERY MONITORING and Battery Field Data

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

- ▀ AVILOO is the only test, which is independent and standardized across all car manufacturers.
- ▀ AVILOO can provide high quality battery field data.

PERFORMANCE &

TRACTION

- ▀ Market launch in 6 countries (N, DK, NL, CH, etc.) with well-known partners
- ▀ Signed coop. with LG Energy Solutions in Korea & running a pilot project
- ▀ Selected as core member & received research grant from the European Union (Horizon 2020 – green Deal)
- ▀ Recently passed the ISO 9001 and the TÜV Austria certification



CHRISTOPH
HANTSCHK
TODOR
LAZOV



COMPANY

bgood GmbH

TEAM

- ✔ Christoph HANTSCHK // CEO
- ✔ Todor LAZOV // CTO

SECTOR

Retail Tech // Sustainability // IoT

DATE OF INCORPORATION

05/2015

WEBSITE

www.goodbag.io

CONTACT

e ch@goodbag.io
m +43 660 5235829



STAGE

Series A

CURRENT TARGET RAISE

EUR 1.500.000

WANTED Connections with people from the following areas:

- ✔ Series A Investment or/and Growth Management

PRODUCT/SERVICE

GOODBAG IS A SMART REUSABLE SHOPPING BAG that connects with the user's phone via our app and rewards customers every time they re-use it in over 10 million shops worldwide.

CORE CAPABILITIES

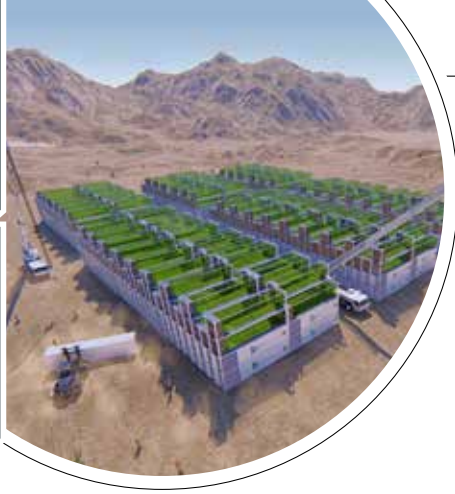
TECHNOLOGY & COMPETITIVE EDGE

- ✔ Using NFC technology to allow users to measure their positive environmental impact in real-time & get rewarded for bringing their own bag to shopping
- ✔ Companies receive an ongoing corporate social-responsibility program with major brands participating to create trust. Users can interact with many different brands and create use-cases
- ✔ Flexible platform that can easily be integrated and adjusted to the individual requirements of each company at a very low cost

PERFORMANCE &

TRACTION

- ✔ Rollout in over 800 Stores in CH with Denner (part of Migros Group), and in Portugal with Continente - sold over 500,000 goodbags in 1,800 shops in 10 European countries
- ✔ Implementing new use-cases to reward customers for buying sustainable products or re-using items, with major corporations like Nestlé or Heathrow Airport
- ✔ More than 130 stores participating in Austria and advanced negotiations with several international retail chains



PAUL
SCHMITZBERGER

**COMPANY**

Blue Planet Ecosystems GmbH

TEAM

- Paul Schmitzberger // CEO
- Veronika Stubbings // COO

SECTOR Aquaculture // BioTech // Energy Engineering // GreenTech

DATE OF INCORPORATION

01/2019

WEBSITE

www.blueplanetecosystems.com

CONTACT

- e paul@blue-planet-ecosystems.com
- e veronika@blue-planet-ecosystems.com

STAGE

Post Seed // Series A

CURRENT TARGET RAISE

n/a

WANTED

- Investors and business partners: We aim to build strong relationships to partners worldwide and seek to grow and strengthen our network.

PRODUCT/SERVICE

BLUE PLANET ECOSYSTEMS IS TURNING SUNLIGHT INTO SEAFOOD by combining biology, energy engineering and computer science to ultimately decouple the production of animal protein from the ocean and from agricultural supply chains.

CORE CAPABILITIES**TECHNOLOGY & COMPETITIVE EDGE**

- Land-based Automated Recirculating Aquaculture System (Circular Economy)
- Generating fish feed on-site
- The combination of Biology, Energy Engineering and Computer Science in one system

PERFORMANCE & TRACTION**TECHNOLOGY & COMPETITIVE EDGE**

- Participation in the IndieBio Startup Accelerator Batch8! + Demo Day
- Entering the first harvesting cycle and presentation of our industrial scale prototype
- Prototype operational at Pilot Customer Facility by October 2021

A glimpse on the Austrian Startup scene.

Did you know that...

More than 2,600 startups have been founded in Austria since 2009. Half of these were founded in Vienna.

Every fourth startup polled developed solutions to overcome the COVID-19 crisis. **A further 7% plan to develop COVID-related solutions in the future.**

The average number of employees has grown to 9.6 people compared to 9.4 in 2019. The entire Austrian startup sector now comprises more than 20,000 employees.

Almost 9 out of 10 startups are planning to hire new employees within the next 12 months which would mean 50% growth compared to the status quo. Extrapolating that to the total number of Austrian startups leads to about 10,000 new jobs created in the next year.

Austria has about **1,300 female and about 5,700 male startup founders.** The share of female founders has grown from 12% to 18% since 2018. Currently 35% of all startups have at least one female co-founder within the team.

For 27% of the startups, achieving ecological goals is the primary objective. These can be considered „Green Impact Startups“. Developing products and services to enable sustainable consumption or production are a top priority.

IT and software development remain the most important industries for startups, although the share has gradually declined and currently accounts for 29%. In contrast, customer goods (10%), life sciences (10%), creative industries (9%), and education (currently 6%) have all seen growth over the years.

The Austrian Business Agency (ABA) is here to help your startup get settled in Austria – free of charge and fully confidential. Ready to expand to Europe? Get in touch with us!

ABA INVEST WORK FILM
Your easy access to Austria



elugie=



BJORN
VAN HAVER

COMPANY

Elugie

DATE OF INCORPORATION

04/2012

TEAM

▾ Bjorn Van Haver // CEO

WEBSITE

www.elugie.be

SECTOR

Energy

CONTACT

e bjorn@Elugie.be

STAGE

Scale up

CURRENT TARGET RAISE

EUR 10.000.000

WANTED

▾ After reaching 25% market share in the EU market and +14M euro total turnover, Elugie is ready to scale and is raising 10M Euro in a milestone based investment plan. Target is to stay in forefront of market and reach +1bln Turnover towards 2030

PRODUCT/SERVICE

ELUGIE CHANGES THE WAY ELECTRICITY IS CONSUMED and produced for buildings. We decentralise, decarbonise and digitise electricity for buildings through small scale high temperature Fuellcell power stations, connected to a community platform or virtual power plant. With the smart energy as a service model, clients can switch easily from electricity from the grid to self-power with Elugie. Our mission is to return to energy independence and go for 100% clean and reliable electricity.

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

- ▾ Small-scale, high-temperature fuellcell power plants, producing electricity from hydrogen & oxygen at highest efficiency worldwide
- ▾ To start right now and do not wait for hydrogen economy in 20-30 years, we use the existing gas grid to have an economical case for consumers. We lower CO2 emissions by 50% compared to EU gas fired stations.
- ▾ By using green gas with guarantee of origin out of biomethane, syngas or hydrogen, we are able to lower emissions of CO2 up to 98%

PERFORMANCE & TRACTION

TRACTION

- ▾ +25% market share in EU more than 500 reference installations
- ▾ building a platform to fast scale in international energy-markets
- ▾ stepping into a joint venture production to setup a demo assembly plant for 60-100kW systems



STEVEN
DE LAET



COMPANY

InOpSys

DATE OF INCORPORATION

12/2015

TEAM

➤ Steven De Laet // CEO

WEBSITE

www.inopsys.eu

SECTOR

Wastewater & side stream purification

CONTACT

e steven.delaet@inopsys.eu

STAGE

Scale up

CURRENT TARGET RAISE

WANTED

➤ InOpSys is looking for companies that have wastewater and side stream challenges and that want to obtain a sustainable and circular solution.

PRODUCT/SERVICE

INOPSYS WAS CREATED as a spin-off from the KU Leuven University in Belgium and provides circular side stream solutions for the chemical, pharmaceutical, electronics, ... industry, by building and operating mobile & modular purification installations on the customer site. Using a train of selective technology combinations, InOpSys efficiently closes water and material loops and thus helps the industry reach their sustainability goals by reducing waste and CO2 emissions. InOpSys offers its service in a Capex-free way. In most cases a circular economy is created.

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

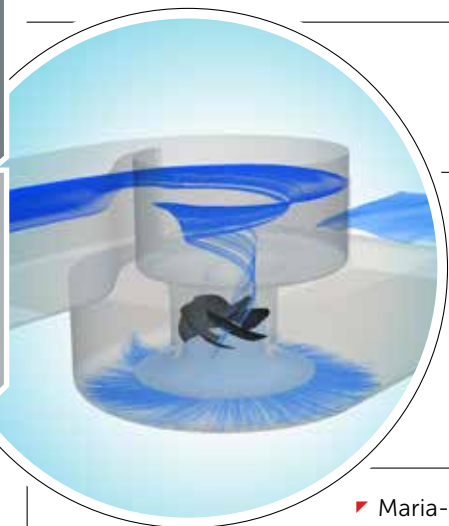
- Development of on-site mobile and modular units for the treatment of industrial wastewater streams.
- Removal of toxic non-biodegradable and/or persistent organics, Active Pharmaceutical Ingredients (API's), PFAS, ...
- Removal and recuperation of metals (Pd, Pt, Zn, V, Hg, Al, ...)

PERFORMANCE &

TRACTION

- InOpSys has a team of 17 experts and engineers
- Multiple units up and running at chemical & pharmaceutical multinational customers
- A new office will be opened in Basel, Switzerland





WALTER BUYDENS



COMPANY
Turbulent NV

TEAM
 ▶ Walter Buydens // CEO

▶ Maria-Elvira Zeman // Business dir.
 ▶ Jasper Verreydt // International projects

SECTOR
Cleantech

DATE OF INCORPORATION
01/2015

WEBSITE
www.turbulent.be

CONTACT
e jasper.verreydt@turbulent.be

STAGE
Scale up

CURRENT TARGET RAISE
EUR 4.000.000

WANTED
Turbulent is looking for investors for its next funding round with experience in renewable energy project or hydropower specifically or government projects.

PRODUCT/SERVICE
TURBULENT HAS DEVELOPED a micro hydropower plant that enables the use of low head (<5m) to generate efficient and reliable renewable energy without impact on the surrounding ecosystem. The low head means that there is no need to build a large dam or structure in the river when a small height difference is available.

CORE CAPABILITIES
TECHNOLOGY & COMPETITIVE EDGE

▶ The patented vortex turbine is one of the most cost efficient energy production units for off or on grid while being flood proof without the need for large civil works. The technology also has fish friendliness into its core design.

PERFORMANCE & TRACTION

▶ Turbulent has gathered a massive traction with over 100million views on social media (without a marketing budget) which resulted in a large worldwide interest and over 15000 sales lead and requests.

Sustainable resources,
materials & chemistry

Refreshingly
sustainable.

FLANDERS,
WHERE TECH EMBRACES
SUSTAINABLE SOLUTIONS.

Flanders has a strong collaborative ecosystem where government support, private companies, innovative universities and strategic research centers come together to create innovative solutions. Flanders' cleantech industry is the perfect partner to help you boost and develop your sustainable business.



Flanders
State of
the Art



japan@fitagency.com
investinlanders.com



ROBERT HEINECKE



BREEZE
TECHNOLOGIES

COMPANY

Breeze Technologies

TEAM

Robert Heinecke // CEO

SECTOR

Environmental Technologies

DATE OF INCORPORATION

09/2017

WEBSITE

www.breeze-technologies.de

CONTACT

e hello@breeze-technologies.de
t +49 40 766 292 262

STAGE

International
scale up

CURRENT TARGET RAISE

currently not raising – happy to put
interested investors on our long-list

WANTED

- ✔ Clean air actions to recommend to customers
- ✔ Customers (smart cities, smart industry)

PRODUCT/SERVICE

✔ **REAL-TIME INDOOR AND OUTDOOR AIR QUALITY SENSORS** that work seamlessly with the Environmental Intelligence Cloud that provides clean air action intelligence & recommendations

**CORE CAPABILITIES
TECHNOLOGY & COMPETITIVE EDGE**

- ✔ Automated AI-based air quality sensor calibration
- ✔ AI-based clean air action recommendations

**PERFORMANCE &
TRACTION**

- ✔ Customers in 11 countries on 3 continents
- ✔ Partners include NTT, Microsoft, SAP
- ✔ Awards from German government, European Parliament and others



MAURICIO
ESGUERRA



COMPANY

Magment GmbH

TEAM

➤ Mauricio Esguerra // CEO

SECTOR

Mobility //
Charging Infrastructure

INCORPORATED SINCE

10/2015

ONLINE

www.magment.co

CONTACT

e info@magment.co
t +49 (0)89 632 860 64



STAGE

Seed

CURRENT TARGET RAISE

EUR 5.000.000

WANTED

➤ Looking for equity investors and pilot project partners in the sectors of Micromobility, Intralogistics and Road Electrification

PRODUCT/SERVICE

➤ **WE WORK ON BREAKTHROUGH, CUTTING EDGE WIRELESS CHARGING INFRASTRUCTURE**, reinventing the way EVs are charged with innovations in design, pioneering technologies, and strong global partnerships. We believe in emission free, electrified transportation and vehicles that can charge where they go and do not have to go to charge. EV fleets and battery sizes can be reduced generating overall savings in vehicle capex costs while increasing productivity.

CORE CAPABILITIES
TECHNOLOGY & COMPETITIVE EDGE

- Magment is emerging as a leading player in the field of wireless charging infrastructure for EVs. Patented magnetic concrete tech. enables highly efficient wireless power transfer in static and dynamic charging while being a robust, durable, cost efficient and scalable solution.
- Tracks in warehouse floors & factories
- Electrified roadways
- World's first e-scooter wireless charging station

PERFORMANCE & TRACTION

- High performance: up to 95% effcy.
- Doubled productivity: compared to other wireless charging systems
- Highly customizable
- High strength and durability: longer asset life (20+ years)
- Very low CO2 footprint
- Raw materials from recycling and factory reject (no bottleneck for large scale use).



MARTIN
STOUSSAVL-
JEWITSCH



COMPANY

YOUKI GmbH

TEAM

Martin Stoussavljewitsch //
co-founder & CEO

SECTOR

Blockchain // Renewable Energy //
FinTech // Impact Investment

DATE OF INCORPORATION

02/2017

WEBSITE

www.youki.ai (company)
www.wattify.app (product intro)

CONTACT

e martin@youki.ai
t +49 (0) 163 630 845 9

STAGE

Preparing Series A

CURRENT TARGET RAISE

USD 5.000.000

WANTED

Strategic Partners for Market Integration Japan, Investors and early Customers

PRODUCT/SERVICE

► **YOUKI'S WATTIFY** tokenizes renewable energy assets into investment products with smaller ticket size to increase its accessibility to a wider pool of investors, making a lasting impact on the world at large. It also facilitates the onboarding of investors in a manner conforming to regulations, and matches investors with appropriate investment opportunities.

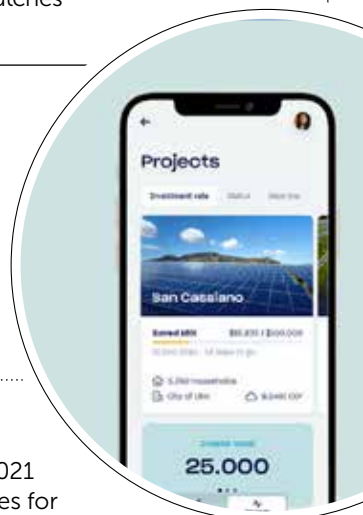
CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

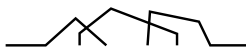
► Wattify unlocks the digital renewable energy security market for retail investors. Where ebrokers offer only traditional stocks, Wattify goes beyond with Digital Securities, performance-based interest rate and repayment with OTC trading possibilities directly among investors.

PERFORMANCE & TRACTION

► Wattify will go live for the European market in 12/2021, starting with a first emission of 8 PV-projects and a total project volume of USD 140M.

► YOUKI won in 11/2021 with Wattify the Global Fintech Hackcelerator 2021 in Singapore and prepares for Asian market integration by Q2/2022.





DWIH Tokyo



Land der Ideen



 German
Centre for Research
and Innovation Tokyo
(DWIH Tokyo)

Meet stakeholders from academia & industry and stay up to date about recent policy trends in science & innovation!

DWIH Tokyo is a platform for German universities, research institutions and research-based companies in Japan. With its unique network of German organizations from science, research and innovation, it holds numerous events throughout the year, connecting stakeholders from Japan and Germany.

Interested in learning more? Register here for our newsletter:
www.dwih-tokyo.org/newsletter

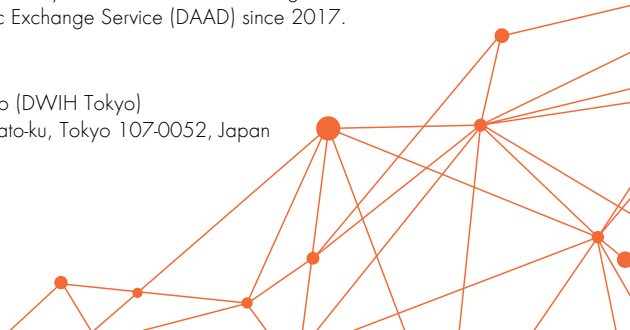


DWIH Tokyo is part of a global network of five German Centres for Research and Innovation. Since its establishment in 2010, it has been supported by the German Federal Foreign Office. It has been coordinated by the German Academic Exchange Service (DAAD) since 2017.

Contact:

German Centre for Research and Innovation Tokyo (DWIH Tokyo)
German Culture Center 4F, 7-5-56 Akasaka, Minato-ku, Tokyo 107-0052, Japan
info@dwih-tokyo.org

Twitter & LinkedIn: @DWIH_Tokyo





ROBERTO
PASI



COMPANY

BeeSecure

SECTOR

AgTech

TEAM

Roberto Pasi // CEO, Gabriele Garavini // CTO, Elisa Flamini // Sustainability, Sofia Moncada // Marketing, Matteo Comandini // Marketing Assistant, Elisa Cucchi // Organization Manager

DATE OF INCORPORATION

02/2017

WEBSITE

www.beesecure.app

CONTACT

e roberto.pasi21@gmail.com
m +39 33 3750 4961

STAGE

Seed

CURRENT TARGET RAISE

USD 3.000.000

WANTED

- ▶ We are looking for investments (up to €2M) to develop new features of the sensors which are already on the market and improve the algorithms' precision; we also want to expand in Japan.

PRODUCT/SERVICE

BEESECURE IS A MONITORING SYSTEM placed inside pollinators' hive to collect data that can be further analysed and reported in customised views to respond to individual customers' needs. It comprises sensors (temperature and humidity) and devices (accelerometer, scale), and AI algorithms that analyse the data collected by the sensors (inside the nest or in the field) and link it to other types of information to extract personalized insights

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

- ▶ Our competitive advantage relies on the possibility to adapt and apply our technology (based on algorithms and big data) to different kinds of pollinators, both in indoor and outdoor agriculture, thus helping different kinds of customers.

PERFORMANCE & TRACTION

- ▶ 1958 units of the first prototype (without sound and odour detectors) have been sold to 512 customers which are based in 8 countries
- ▶ Subscription renewal retention of 90%.
- ▶ 15% monthly growth in revenue and new customers.
- ▶ CAC= 19€. CLTV= 584€. CLTV/CAC= 30x.



DAVIDE
TUZI

COMPANY

Nexton

DATE OF INCORPORATION

05/2018

TEAM

Davide Tuzi // CEO

WEBSITE

www.nextonideas.com

SECTOR

Cleantech // Energy

CONTACT

e info@nextonideas.com

STAGE

Seed stage / Go-to market

CURRENT TARGET RAISE

JPY 93,000,000

WANTED

- Partnerships/Collaborations
- Customers
- Investment
- Support

PRODUCT/SERVICE

Nextlight is an effective IoT hardware and software combination which allows extensive energy savings at an affordable adoption price. The system monitors, tracks and allows to remotely control streetlights networks through cloud computing while collecting data from the environment thanks to sensors.

CORE CAPABILITIES
TECHNOLOGY &
COMPETITIVE EDGE

- Our plug & play concept is uniquely designed to meet less disruption cost before integrable upon existing infrastructures.
- The fact that the device is removable and easily upgradable allows flexible choices both for the users and the providers.
- Highly customizable solution

PERFORMANCE &
TRACTION

- Pilot test successfully conducted on 20 streetlights:
 - 65% of energy savings
 - +50% money savings on the bills
 - +60% CO2 reduction
 - +100k € of fundings obtained by the team
 - 20+ letters of intent (€300k value)
 - 6 partnerships legally signed





MARCO
RIZZOLO
ENRICA
OLIVI



COMPANY

WPE Research & Development

TEAM

Marco Rizzolo // CEO

Enrica Olivi // Speaker

SECTOR

Green energy // renewable energy

DATE OF INCORPORATION

05/2019

WEBSITE

www.wpe-rd.com

CONTACT

e amministrazione@wpe-rd.com



STAGE

TRL 7

CURRENT TARGET RAISE

WANTED

Our roadmap includes activities related both to the product and the business with operations planned to achieve the final goal of a mature product for seed stage. Furthermore, WPE is engaged in the finalization of partnerships with industrial companies for the manufacturing and commercialization of its turbine EOS-Turbowind as outlined by Deloitte & Touche in the strategic plan.

PRODUCT/SERVICE

WPE R&D has developed a combined wind micro turbine with vertical axes of small dimensions with an INNOVATIVE ACTIVE CONTROL for an optimal energy production. Its main feature is the higher capturability in different environments even with turbulent and gusty winds. It can be used both in urban and isolated contexts, owing to the possibility of being integrated with existing electric distribution grid, but also of being installed independently.

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

➤ EOS-Turbowind consists of a wind turbine with several innovative patented features. An active management of electric transformation system allows to obtain higher production capacity measured by 30% respect to competitors with the unique capability of exploiting wind energy in various environments.

PERFORMANCE &

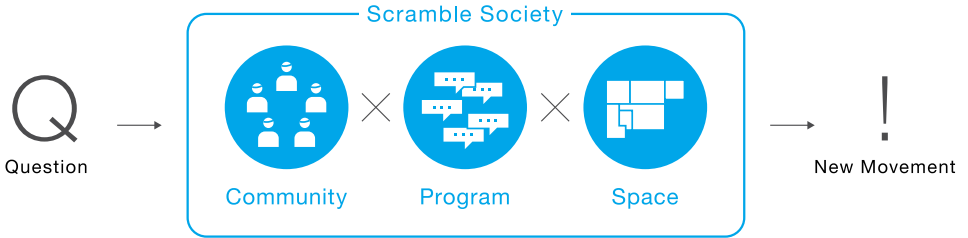
TRACTION

➤ In urban contexts this device is architecturally suitable for installation on buildings. Moreover, it can be networked with other devices to achieve smart home automation+energy saving. EOS-Turbowind won the final grant of DigiCirc Circular Cities accelerator program H2020 as best industrial project.

This is an intersection of possibilities that asks the world from Shibuya.

SHIBUYA QWS is a base for groups gather and work in Shibuya to challenge their “question with sensibility”, regardless of age or specialty.

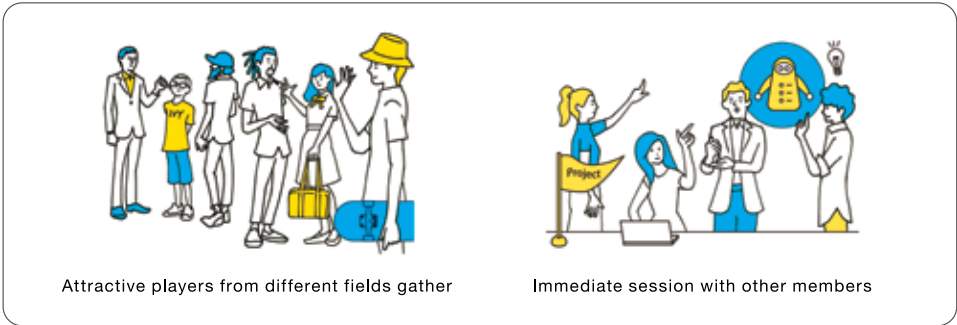
A “QWS community” where a wide variety of people gather, and a “QWS program” that enhance their activities, and “QWS space” is designed to boost social value creation.



Community

A community full of unknown encounters

The QWS community aims to create chemical changes through a wealth of diversity regardless of age, gender, nationality, occupation and title, as well as interaction and cross-disciplinary efforts of members who challenge the creation of social value.



Program

Unique program to accelerate value creation

The QWS program is a unique event and service that energizes the QWS community. In cooperation with partners in various fields, we support QWS members to “create, develop and achieve goals”.

<Meet> We create new questions by crossing domains, meeting diverse people, and seeing things from an angle that we do not normally see.	<Polish> By crossing the born question with diverse people, intellect, and technology, the question is further refined and greatly developed.	<Release> We will support social implementation by providing various opportunities to realize new possibilities created by refining questions.
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TADASHI
KUBO**COMPANY**

AC Biode

TEAM

- ▶ Tadashi Kubo // Co-Founder & CEO

SECTOR

Chemical // CleanTech // ClimateTech
// Material Science // Electronics

DATE OF INCORPORATION

04/2019

WEBSITE

www.acbiode.com/circulite
www.acbiode.com/bio-toilet

CONTACT

- tadashi.kubo@acbiode.com

STAGE

Pre-Series A

CURRENT TARGET RAISE

EUR 1.300.000

WANTED

- ▶ **CircuLite:** investors, potential clients or agents in Europe (power companies, sludge incinerators)
- ▶ **AC BioLet:** potential clients or distributors in Europe (currently not raising fund)

PRODUCT/SERVICE

CIRCULITE We upcycle coal ash, biomass ash, or sludge ash into adsorbent or antibacterial materials, such as filters, wastewater treatment, soil improvement & CO2 capture.

AC BIOLET Patented waterless composting toilets, using any kinds of sawdust or straw dust – no infrastructure needed. With our partner, we have sold 3K+ toilets mainly in Asia and aim to expand to the European market.

**CORE CAPABILITIES
TECHNOLOGY & COMPETITIVE EDGE**

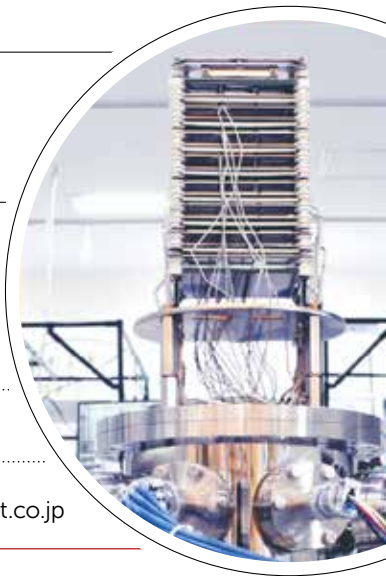
- ▶ **CIRCULITE** Ash recycling: the only upcycle from ash to adsorbent with ion exchange structure. Comparably cheaper production, plus CircuLite has up to 100% better adsorption capability.
- ▶ **AC BIOLET** Waterless, odorless processing turning human waste into fertilizer. No need for bacteria or chemicals, any kinds of sawdust or straw dust can be used. Frequency of change is between every 2 weeks to 4 months, subject to the size. Find Article at www.ubergizmo.com

**PERFORMANCE &
TRACTION**

- ▶ **CIRCULITE** TRL9, successfully compltd. projects for coal & biomass ash, 5,000ton/yr. & 3,000ton/yr. Compltd. feasibility study w. Sahacogen/THA, contracts signed in AUS, KAZ & BGD
- ▶ **AC BIOLET** TRL 9, with partners we have sold 3K+ bio toilets mainly in Asia and aim to expand in Europe.



MASAMI HAYASHI



COMPANY

Clean Planet Inc.

TEAM

- ▶ Hideki Yoshino // CEO
- ▶ Masami Hayashi // Global Strategy OM

SECTOR

New Energy Generation

DATE OF INCORPORATION

09/2012

WEBSITE

www.cleanplanet.co.jp/en

CONTACT

✉ masami.hayashi@cleanplanet.co.jp

STAGE

B-C

CURRENT TARGET RAISE

JPY 12,000 M

WANTED

- ▶ Investments of total JPY12,000M from strategic partner companies and investors
- ▶ Companies that would be interested in using a CO2-free heat source below 1,000 °C such as automobile, chemistry and steel companies
- ▶ Coal, oil, or gas companies that are looking for an alternative energy business
- ▶ Investors that are looking for clean energy companies

PRODUCT/SERVICE

WE UNDERTAKE R&D INTO A NEW FORM OF CLEAN ENERGY: Quantum Hydrogen Energy (QHe), based on what used to be called cold fusion. QHe is safe, stable, and low-cost; its energy density is more than 10,000 times higher than natural gas; and its production cost is targeted at US\$0.01 per kWh. Our QHe heat units will be able to offer CO2-free heat sources for all kinds of usage under 1,000 °C, including industrial processes, buildings, mobility, home, and electricity generation.

CORE CAPABILITIES
TECHNOLOGY & COMPETITIVE EDGE

Our R&D team leader, Prof. Iwamura from Tohoku University, is a renowned researcher in the field. Currently, we take the lead internationally in the level of heat generation, the number of patents filed, as well as in the readiness for product launch.

PERFORMANCE & TRACTION

- ▶ First patent filed in 2017, currently holding 46 patents in 21 countries.
- ▶ 100W model device completed in 2018
- ▶ Partnered w/ Mitsubishi Estate & Miura in 2019
- ▶ Working on 1kW prototypes since May 2021
- ▶ First product development (Miura's industrial boilers) since September 2021




TOMOYUKI
KOIDE



COMPANY

Tsubame BHB Co., Ltd.

TEAM

Masahiro Watanabe // CEO
Tomoyuki Koide

SECTOR

Chemical // Energy

DATE OF INCORPORATION

04/2017

WEBSITE

www.tsubame-bhb.
co.jp/en

CONTACT

m +81 70 1507-8303

STAGE

Series B

WANTED

- Potential customer of ammonia production unit with interest to produce ammonia onsite, or convert current ammonia into CO2-free green ammonia

CURRENT TARGET RAISE

Currently not raising

- Potential partner related to ammonia production, such as renewable energy company, hydrogen technology company and engineering company precision industries

PRODUCT/SERVICE

- WE OFFER** standardized small scale onsite production module, TM-3000 and TM-5000 series, which can produce 3000/5000 TA of ammonia. Further, we offer 10 – 50 TA ammonia synthesis unit as EPC type business model. Onsite ammonia production system enables to remove existing transportation and storage cost of ammonia delivery.

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

- Conventional ammonia technology as Haber Bosch process developed over 100 years ago.
- Our core technology is electrified catalyst, which enables lower pressure and temperature ammonia synthesis than conventional Haber Bosch process. This technology was developed by Prof. Hosono at Tokyo Institute of Technology.

PERFORMANCE &

TRACTION

- Our pilot plant of 20TA started operation from December 2019, and production demonstration has succeeded successfully.
- Currently, we are in the discussion of commercial plant sales with customer, and plan to receive 1st commercial plant order by March 2022.

The **Global Incubator Network Austria (GIN)** is the **connecting link between Austrian and international startups**, investors, incubators and accelerators with a special focus on selected hotspots in Asia (Mainland China, Hong Kong, Singapore, Japan, South Korea and Israel). **GIN enables the internationalization of startups** by building networks, providing know-how, and connecting them with relevant players of global startup hotspots.

GIN CONNECTS | OUR SERVICES

GIN FOR AUSTRIAN STARTUPS:

With GO ASIA we bring Austrian startups to the world's most innovative startup hubs, help them to build networks with international strategic partners and provide them with essential know-how in terms of market entry and global expansion – strategically and financially.

GIN FOR ASIAN STARTUPS:

With GO AUSTRIA we support Asian startups that want to internationalize and seek to further develop their business activities in the EU-market via Austria. A hand-selected mentor supports the startup in order to find the right collaboration partners (corporates, investors, ...) and to receive valuable market insights.

GIN FOR INVESTORS:

We offer investors the internationalization of existing investments, access to international startups and new investments as well as networks with private and public co-investors.

GIN FOR INCUBATORS:

Accelerators can benefit from hosting our most promising pre-selected Austrian startups and facilitate the internationalization efforts of their startups via our GO AUSTRIA program or through one of our GIN partner incubator or accelerator.

Contact us:

office@gin-austria.com
www.gin-austria.com

BE PART OF THE GIN NETWORK

GIN is owned by the Austrian Federal Government and managed by the public agencies AWS (public promotional bank) and FFG (research promotion agency).

INNOVATE. IDEATE. CREATE.



We build collaboration structures between governments, corporates, investors, and startups in the innovation ecosystems of Asia and Europe.

Our Programs:



Empowering high-potential German startups to understand, discover, and access markets in Asia.



Tailored market exploration and access services, such as the flagship Scaler8, to prepare Asian startups and small-medium enterprises for successful entry into the German market.



Prepares European startups and entrepreneurs to launch and expand their activities in India, supporting their market entry strategies and creating a solid local network.

B2MATCH

How to use our matchmaking & online platform to meet startups and other participants and view all pitching / panel sessions live

01 Online registration

REGISTRATION

- Use barcode on this page down left or visit <https://techbizkon-v-greentech.b2match.io>
- Register via the green button "Register now".
- Add contact and organisation details as requested.
- Compose your personal event schedule by adding sessions of your choice.
- Those who are interested in online meetings MUST select at least one networking session.

02 Make yourself visible through an outstanding business profile

COMPANY PROFILE // MARKET PLACE

- Explain the product/expertise you are offering or looking for.
- High-quality profiles are visited 50 to 100 times before, during and even after the event.
- A meaningful profile will generate significantly more meeting requests

03 How to manage bilateral meetings?

BOOKING MEETINGS

- Browse the list of attendees or check the marketplace profiles.
- Use the optional filters to easily find the ones aligned with your goals.
- Send meeting requests to those companies/participants you want to meet.
- Adding a short reason why you are interested in a meeting will increase the acceptance.
- Meeting requests must be confirmed by the recipients to be scheduled.
- Check every incoming meeting request and accept or refuse if not appropriate. It is a matter of politeness to let the requester know if you are interested in a meeting or not.

DURING THE EVENT

- Re-check your meeting schedule on the platform. Last-minute-changes can always occur.
- RESPECT the other participants' time and show up to all your meetings.
- If an unforeseen circumstance arises and you will not attend a meeting, please cancel your meetings through the platform. This way, the other participant will be notified.



Additionally to the startups you can meet in person at TechBIZKON V, there are further promising startups from Austria, Belgium, Germany, Italy & Japan you can meet online on our B2Match site, listed here on the following pages

"Greentech could be the largest economic opportunity of the 21st century."

JOHN DOERR,
VENTURE CAPITAL INVESTOR



Printstones
www.printstones.eu

Herwig Hengl
hengl@printstones.at

Printstones is developing digital manufacturing processes and mobile robotics solutions for the construction industry. We have succeeded several R&D projects in digital manufacturing and are now working closely with our industry partners to bring the technology on site.



S1Seven
www.s1seven.com

Stefan Gröll, CEO & Co-Founder
hello@s1seven.com

Requirement for digital transformation in the use of material quality certificates lead to the establishment of S1Seven. Due to our extensive know-how of the industry and our highly experienced software developers, we can offer solutions that, for example, allow the global traceability of low carbon materials.



reprotex
www.reprotex.com

Mag. Martin Watzka, CFO
office@reprotex.com

After several years of extensive research, reprotex provides world's first mobile recirculation treatment plant for industrial wastewater. With our solutions, we make a sustainable contribution to conserving the resource of water and at the same time provide the water processing industry with contemporary and flexible options for minimizing costs.

AmphiStar
www.amphistar.be**Wim Soetaert**
info@amphistar.be

AmphiStar has developed a proprietary technology platform for the cost-efficient and ecological production of biosurfactants. Our platform is initially based on the glycolipid technology platform with the yeast that has been developed and scaled up over the last 15 years by Ghent University and the Bio Base Europe Pilot Plant (BBEPP).

Avecom
www.avecom.be**Willy Verstraete**
sales@avecom.be

Avecom is an innovative SME specialized in steering and optimizing microbial processes and the engineering of microbiomes. We commercialize products and deliver expert services in the field of environmental biotechnology. Our innovations are applied in wastewater treatment, soil remediation and biodegradation, air management and sustainable feed and food ingredients.

Ekopak
www.ekopak.be/en**Pieter Loose**
sales@ekopak.be

Ekopak is a young and dynamic company that helps and stimulates its customers in their journey to a more sustainable production. We focus on the reduction of their water footprint. Not only by consuming less water, but also by replacing the valuable tap water they use by sustainable water, by for example reusing rain- or wastewater. Our three core values are: reduce, reuse, revalue.

"European start-ups are being created and growing at an unprecedented pace, attracting the attention of global investors, customers, and corporate partners alike."

WWW.MCKINSEY.COM



DyeMansion GmbH
www.dyemansion.com

Jingyi Yuan-Steiner
jingyi@dyemansion.com

DyeMansion's Additive Manufacturing finishing systems turn 3D-printed raw parts into high-value products. A Print-to-Product hardware platform (cleaning, surfacing & coloring) provides modular end-to-end post processing, automated workflow, integrated process steps and industry 4.0 readiness. From perfect fit eyewear to personalized car interiors, we make 3D-printed products for everyday life.



Keyou
www.keyou.de

Paul Lavalla
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KEYOU, a German startup, invents and engineers the intellectual property that transforms internal combustion power-trains into hydrogen combustion engines. Since 2017, it has successfully transformed 7 engines for top European OEMs, providing engines that operate with high power density, best efficiency, zero-emissions, and an attractive load response.



SmartCloudFarming GmbH
www.smartcloudfarming.com

Suvrajit Saha
saha@smartcloudfarming.com

SmartCloudFarming uses remote sensing data and deep learning to carry out complex soil analytics remotely and provide agricultural and sustainability stakeholders with the best, most reliable and relevant answers.



Cubbit
www.cubbit.io

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Cubbit is the datacenter-less cloud provider, recycling underutilized internet resources into most privacy-guardian, cost-efficient & green web-services. With our Cubbit Cells, we build a distributed data center: a p2p network optimized by centralized AI. Cubbit is the private cloud storage that you only pay once and that allows you to keep your files safe in total privacy and access them from anywhere, anytime.

MIXCYCLING
ORGANIC MATERIAL BLENDS



Mixcycling Srl
www.mixcycling.com

Gianni Tagliapietra
info@mixcycling.com

Mixcycling develops sustainable materials by exploiting the properties of organic fibers derived from production scraps and fusing them with bio-based, recycled or virgin polymers. The objective is to reduce the environmental impact linked to traditional fossil-based plastic. Mixcycling offers a solution based on the use of scraps, by recovering organic residues derived from agro-industrial processes.

"There's never been a better time than now to start or accelerate a greentech venture."

JOHN DOERR,
VENTURE CAPITAL INVESTOR

:PIXIES



Pixies
www.pixiesurbanlab.com

Andrea Saliola
info@pixiesurbanlab.com

Pixies develops a system that combines autonomous mobile robots and smart benches to offer autonomous cleaning of wide spaces, indoor and outdoor. The system makes it possible to improve the efficiency of operations related to cleaning while reducing the environmental impact associated with them.



PEEL Lab
www.peel-lab.com

Horry Hiroto
horry@peel-lab.com

Plant-based leather platform for corporates to join the race to net zero.



Hacarus
www.hacarus.com

Adrian Sosna
adrian@hacarus.com

Big Insights from Small Data
 - Sustainable and
 Explainable AI for Smarter
 Manufacturing



PJP Eye Ltd.
<https://pjpeye.tokyo/en>

Victoriya Shiota
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plant-based new generation
 carbon battery producer
 (non-explosive, recyclable,
 without rare earth metals,
 life span 20 years, quick charge
 10x faster than current
 batteries)

Enterprise Europe Network (EEN) Your Gateway to Europe



EU-Japan Centre
 for Industrial Cooperation
 日欧産業協力センター

The world's largest support network for small and medium-sized enterprises (SMEs) with international ambitions. Active in more than 60 countries worldwide including Japan.



Business Support on Your Doorstep

Find

- Partners for developing sales channels in Europe
- Innovative European products or technologies to boost your business development
- Partners for joint research and development
- Information on European companies and research organisations



Interested?
 Contact EEN Japan
 at the
 EU-Japan Centre
 for Industrial
 Cooperation



More details:
<https://www.een-japan.eu/ja>





TechBIZKON V
Connecting
Startups,
Corporates & VCs

December 7th, 2021
3:30 pm to 9:00 pm (doors open: 3 pm)
Venue: Shibuya QWS
@ Shibuya Scramble Square 15F

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CO-ORGANIZERS



**EU-JAPAN CENTRE FOR
INDUSTRIAL COOPERATION**
www.eu-japan.eu



**GERMAN CENTER FOR RESEARCH
AND INNOVATION (DWIH)**
www.dwih-tokyo.org



SHIBUYA QWS
@Shibuya Scramble Square
www.shibuya-qws.com



BMW Group at COP 26 UN Climate Summit in Glasgow:

“No more waiting. No more clever tactics.
It's time to act. Now!”

08.11.2021

Oliver Zipse gives keynote speech at Sustainable Innovation Forum

See more Detail



NRW.Global Business Japan

Trade & Investment Agency of the German
State of North Rhine-Westphalia (NRW)



Economic Powerhouse No.1 in Germany

North Rhine-Westphalia (NRW) as Germany's largest state by population, GDP and FDI is a highly attractive market for foreign companies. Düsseldorf has been home to Japanese companies since the 1950s and boasts one of the largest Japanese communities in Europe. As the state's Trade and Investment Agency NRW.Global Business supports Japanese companies with their investments, the establishment of companies in NRW and in the development of innovative growth markets. NRW.Global Business has an excellent track record of supporting Japanese startups in Germany and German startups in Japan for more than a decade.

Germany's Hotspot for Startups

The 2021 German Startup Monitor confirms North Rhine-Westphalia's (NRW) leading role as a startup location in Germany with the largest number of startups among German states. RWTH Aachen University takes first place among German universities educating startup entrepreneurs. The NRW startup and scaleup ecosystem provides all you need to become a successful startup and scaleup: the right innovation and startup culture, global talent, startup hubs, accelerators, investors, companies and research institutions. Come and create your success stories with your startups in the cities and regions of North Rhine-Westphalia.

Your Link(s) to the NRW Startup Scene

[https://www.pwc.de/de/branchen-und-markte/
startups/deutscher-startup-monitor.html](https://www.pwc.de/de/branchen-und-markte/startups/deutscher-startup-monitor.html)

<https://startups.nrw/public/>

<https://nrwalley.de>

<https://www.digihub.de>

<https://ruhrhub.de>

<https://hinterlandofthings.com>

<https://www.exzellenz-start-up-center.nrw>

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ちがいを
ちからに
変える街。



渋谷区
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