











Austria – Your gateway to sustainable innovation

Austria is setting new standards in sustainability and green technologies. With 85% of its electricity from renewable sources, the country ranks among global leaders in clean energy. Austria also holds 3rd place in the **European** Eco Innovation Index, underlining its strong commitment to environmental progress and resource efficiency.

Combined with a dynamic industrial base and a thriving research landscape, Austria offers ideal conditions for companies and investors focused on sustainable solutions.

As a centrally located EU member state with high purchasing power, Austria serves as a perfect test market for green technologies across Central Europe.

Breeding ground for sustainable industry leaders

GreenTech is a booming sector and a key driver of Austria's industrial transformation. Many Austrian and international companies are already shaping the future with innovative projects:

Takeda: With the official launch of AHEAD, Takeda sets a new benchmark for sustainable pharmaceutical production in Austria.

NIDEC: The Japanese technology group is expanding its site in Styria, focusing on efficient compressors to boost Austria's industrial and research capabilities.

Hydrogen & Batteries: Austria's hydrogen strategy and large-scale projects make the country a pioneer. Advanced battery research in Styria, drives next-generation energy storage innovation.

Austria's national investment promotion agency ABA

is happy to support you in establishing business operations in Austria – cost-free and confidential! Contact: Matthias Adelwoehrer, Director Asia, INVEST in AUSTRIA m.adelwoehrer@aba.gv.at | www.investinaustria.at/jp/



Thursday, December 4th, 2025 1 to 8:45pm (doors: 12:30 pm) SAP Inspired.Lab // Tokyo // Otemachi // & online

ONSITE B2B-MEETINGS ask infodesk at the exhibition area for open slots or book via B2Match -> p. 4

1:00 PM

- 3:00 PM

TechBIZKON IX Connecting Startups, Corporates & VCs



EVENT AGENDA

1:1 Meetings Reserve 1:00 PM your exclusive 30min slot at SAP InspireLab with the participating startups

LIVESTREAM 3:25 PM TechBIZKON IX -**GX Factory Tech**

3:30 PM **Opening** by Organizers

3:40 PM

Panel Discussion "Europe's and Japan's latest trends in Green Transformation" hosted by Axel Karpenstein/German Center for Research & Innovation Tokyo

4:30 рм	STARTUP Pitching I
5:05 рм	Coffee Break
5:25 рм	Startup Pitching II
6:15 рм	Coffee Break
6:25 PM	Startup Award Ceremony
6:45 рм	Networking Cocktail & Individual Talks with Startups
8:45 PM	Closing



B2Match PreEvent Meetings Online on Nov. 25th & 26th and Dec. 4th & 5th - Online registration link: www.b2match.com/e/techbizkon-ix-gx-factory-tech TechBIZKON IX Connecting Startups, Corporates & Investors



THE STARTUPS

AUSTRIA PITCHING

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SCHEDULE

4:30 PM STARTUP PITCHING I

- 4:30 PM INMOX AUSTRIA
- 4:37 PM SOLAR MATERIALS GERMANY
- 4:44 PM CREAFLOW BELGIUM
- 4:51 PM SPEEDPOX AUSTRIA
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5:25 PM STARTUP PITCHING II

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- 5:32 PM ECORO GERMANY
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TÜV

From decarbonisation and circular economy to supply chain due diligence and sustainability reporting — our experts deliver tailored solutions that drive real impact.

Sustainability services

TÜV SÜD leverages technical expertise and a deep understanding of emerging technologies to offer insights that are often lacking in the market. Our comprehensive assessments and certifications ensure that your sustainability efforts are both effective and credible. Our trusted expertise and intelligent solutions will help you embed sustainability into everything you do, be it driving your decarbonisation efforts or transforming your operations to embrace the circular economy.

About TÜV SÜD Japan

Through testing, certification, auditing and training services, TÜV SÜD Japan supports the safety and overseas expansion of companies in a wide range of industry fields, including medical devices, industrial equipment, consumer products, automotive, food, chemicals and energy. In recent years, TÜV SÜD Japan has also focused on cybersecurity and AI-related services. We can support you in Japanese.



Services, topics and regulataions

- GHG verification
- Product carbon footprint
- ISCC PLUS certification
- EU Battery Regulation
- EU CBAM

- EU PPWR
- Supply chain audit

For the full list of services, visit our website →



tuvsud.com/ja-jp

Enterprise Europe Network (EEN) Gateway between Europe and Japan



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

More details:

https://www.eu-japan.eu/een

- ☐ 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





Also streamed online:

Find further information about our panelists under "Agenda" after logging into our B2Match-site www.b2match.com/e/techbizkon-ix-gx-factory-tech



// TECHBIZKON IX
// GX FACTORY TECH
// THE PANEL DISCUSSION

Industry representatives from participating countries discuss Europe's and Japan's latest trends in Green Transformation



Dec. 4TH, 3:40 PM - 4:30 PM Japan Standard Time

Europe's & Japan's latest trends in Green Transformation



Director German Center for Research and Innovation (DWIH) Tokyo





MARLENE JOHLER
AUSTRIA // Head of
Sustainability & Public Affairs
// Hammerer Aluminium
Industries // MindX



STEFAN VAN LAERFLANDERS // Senior Climate
Transition Developer
Port of Antwerp-Bruges



LIANG-DA CHIUGERMANY // Sustainability
Service Manager // TÜV SÜD



LISA INOUE JAPAN // Senior Manager // Energy Vertical // Plug and Play Japan





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:

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LinkedIn: DWIH Tokyo X: @DWIH_Tokyo





PITCHING STARTUPS

The startups on the following pages are pitching at the event and are available for talks during networking time at their exhibiting table.

more Startups exhibiting only: page 22





MICHAEL AUFREITER // CEO







CURRENT TARGET RAISE

FUR 1 Mio

customers // partners // investors

https://inmox.com

Michael Aufreiter // CEO

CONTACT

COMPANY

Inmox GmbH

e michael.aufreiter @inmox.com

DATE OF INCORP.

06/2021

SECTOR

IoT // Industry 4.0 // Condition Monitoring // Predictive Maintenance // hardware // sensoric // data analytic

PRODUCT/SERVICE

STAGE

Seed

WANTED

INMOX PROVIDES A CONDITION MONITORING SYSTEM that specialises in transmission systems. Our novel sensor technology can characterise wear particles in real time. These unique, proprietary parameters are analysed using advanced data models to assess operational risk and estimate the remaining lifetime of powertrain components. Our solution provides a comprehensive predictive maintenance workflow, from data generation to analysis, providing actionable insights via our platform.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

We have developed a magnetic measurement principle that detects and characterises wear particles in real time during operations. This enables us to extract information such as the number, size, material and hardness of the particles and localise their origin. Additionally, we have developed an AI-supported damage model for multidimensional data analysis, which uses our proprietary data and other condition data to track damage progression and calculate remaining lifetime.

PERFORMANCE &

- ✓ We currently have eight active projects running across Europe, involving 11 sensor systems. All of these projects are revenue-generating. Three are in the final phase, and we are negotiating follow-up projects.
- ✓ We plan to close our seed round by November 2025, which will enable us to expand our team and accelerate our product development and market expansion.
- We have submitted a patent for our technology. It is currently in the national submission phase in Japan.



STEFAN TRABESINGER



COMPANY

MUST Visibility FlexCo

WEBSITE

www.must-visibility.com

SPEAKER

Stefan Trabesinger // CO-CEO

CONTACT

e stefan.trabesinger@ must-visibility.com

DATE OF INCORPORATION 08/2025

Al in Machining Industry // Real-time Quality Management

STAGE CURRENT TARGET RAISE

Seed 0.7 Mio. per year

WANTED Investors // Corporates // Investors // Venture Capitalists // Potential Customers // Collaboration Partners (e.g. Joint Venture) // Business Partners // Clients (e.g. Distributors, Manufacturers) // Public Institutions

PRODUCT/SERVICE

MUST VISIBILITY INCORPORATES AI INTO TRADITIONAL MECHANICAL ENGINEERING. enabling real-time quality assurance DURING CNC machining. Its core product, anoMLix (software), estimates tool life and detects material defects directly from existing machine data using edge computing. The software uses fully explainable hybrid AI models and offers live 3D visualizations. Using anoMLix, the customer saves time, material and energy DURING manufacturing.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

With patent-protected IP, anoMLix offers a disruptive, sensorlss. solution f. smart manufctrng..

Kev features:

- Estimation of remaining tool life
- Real-time defect detection
- Material defect density & surface roughness estimation

Customer benefits:

- ✓ Up to 25% production and 31% tool costs savings
- ✓ Up to 13% energy and CO₂ savings
- ▼ NO model training, reference parts & hardware needed
- Fully compliant with DIN/ISO standards
- Works with batch-size one production

PERFORMANCE &

- based on the interests even before. the launch of full product:
- ✓ 1st potntl. customers: 10 (DACH region)
- Partnerships in-progress: 4
- Pre-seed money received: 0.5 Mil. €
- Seed round : 2.1 Mil. € (Sept. 2025)
- Patents: 2 (1 EU patent and 1 EU patent applied)
- Awards: Innovation Prize 2025 Styria (Austria), 1st place by Austrian Scientific Production Society (ÖWGP), Startup World Cup Finalist



SPEEDPOX





ALEXANDER RICKE // CTO

SPEAKER

Alexander Ricke // CTO



SpeedPox GmbH

WEBSITE

www.speedpox.com

SECTOR

Deep Tech

DATE OF INCORPORATION

09/2020

SPEAKER

Alexander Ricke // CTO

CONTACT

e alexander.ricke@speedpox.com

STAGEEarly Stage

TECHBIZKON IX

CRNT. TRGT. RAISE

WANTED

Collaboration Partners (e.g. Joint Venture)

PRODUCT/SERVICE

SPEEDPOX® REVOLUTIONIZES THE EPOXY RESIN INDUSTRY with patented one-component resins which require no mixing and can be cured instantly upon a heat or UV stimulus. This technology saves up to 99% of production energy and offers tailored solutions for various industries. All resins feature our unique "curing on demand" system, which offers potentially unlimited shelf life and processing time. Our curing wave will penetrate even shadowed areas, and requires no post-curing.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

Compared to traditional methods, SpeedPox® offers significant cost savings, less waste, and higher productivity. The resins allow for higher proportions of biobased compounds and minimize toxic components, making the work environment safer. SpeedPox® provides unparalleled process stability with unlimited pot life and on-demand curing.

PERFORMANCE &

- Patented Technology: SpeedPox® has been granted an international patent for its industry-disrupting and innovative 1k epoxy resin technology
- SpeedPox® Protex Product Line: >10 Potting & Encapsulation Formulations
- SpeedPox® Connex Product Line: >8 Electric Conductive Adhesive Formulations
- Strategic Partnerships: promising co-development projects for specialised markets
- Funding: Seed round with strategic partner secured



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BART COEN // CEC

g-membranes

orgnes

COMPANY

WEBSITE

A-membranes

▼ Bart Coen // CEO

DATE OF INCORPORATION 12/2021

••••••

SECTOR

SPEAKER

OR CO

CONTACT

https://a-membranes.com Cleantech // Chemis

Cleantech // Chemistry e bart.coen@a-membranes.com

STAGE

Scaling up – industrial production lines being commisioned

CURRENT TARGET RAISE

JPY 180.000.000

WANTED

We seek customers with product-separation challenges who want a high-performance, environmentally conscious separation technology, as well as ceramic-membrane producers. For the latter, we can apply our technology at our site or license it for in-house use. Interested investors are also welcome.

PRODUCT/SERVICE

GRAFTEK® CERAMIC MEMBRANES AND MODULES for nano- and ultrafiltration with tailored surface modification for solvent and aqueous use; lab-scale and pilot testing; membrane-contactor processes such as membrane distillation and membrane extraction; and engineering and commissioning of membrane-application skids.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

Our technology tailors ceramic membrane surfaces to specific processes, boosting selectivity and reducing fouling. Effective in solvent and aqueous systems up to 150 °C, it delivers robust, low-energy-input, high-performance product separation.

PERFORMANCE & TRACTION

We converted our lab membrane-production process into an industrial one, with two production lines under construction and tested workstations. We're building strong traction with top-tier customers in chemistry, petrochemistry and pharma/biotech.



Carboganic[®]







KOEN VAN

劉



Flow reactors

WEBSITE

www.creaflow.be

CONTACT

e info@creaflow.be

300-500k to boost business development

WANTED Creaflow needs to develop a global sales activity for a very specific market. A strategic partner with an existing (sales, distribution) network in the pharma and fine chemical sectors with complementary products would be an ideal investor.

PRODUCT/SERVICE

355.346.000 JPY

CURRENT TARGET RAISE

WE OFFER BIOCARBON BASED FUNCTIONAL MASTERBATCHES for high-end thermoplastic applications. Our masterbatches are a drop-in one pack solution for plastic processors. The masterbatches have unique material features and are at the same time CO2 footprint lowering (features: light-weight, dimensional stable, thermostable, stiffness enhancing,). Application fields are: mobility, aeronautics, drones, power tools, electronic parts and more.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

We have an operational masterbatch demo plant and compounding line in Belgium. We produce and co-develop biocarbon masterbatches and compounds for the plastic industry. We have 2 patents in the field of large-scale 3D printing and a pipeline of 2 patents regarding our technology and the application in the field of recycled plastics. We tailor & formulate the biocarbon's in masterbatches.

PERFORMANCE & TRACTION

functional masterbatches based on renewable biocarbon for engineered thermoplastic applications. We are

printing materials, but not limited to. Carboganic closed

4 investment rounds, 710.692,000,00 YPY was invested.

historically active in large scale (FGF & Filament) 3D

- We have done technical and commercial validation (TRL 7) and we are developing an industrial project operational in Q4 2027.
- Our current co-investor (Dutch) family office) is happy to further invest. Teaming up with a strategical investor could bring our project to the next level?

PRODUCT/SERVICE

REACTOR DESIGN, MANUFACTURING AND SERVICE SUPPORT FOR FLOW CHEMISTRY. Flow chemistry is mostly used in the production of active components for the pharma and fine chemical industries (such as fragrances). Creaflow offers reactors for both R&D purposes and industrial production. We offer high performant and scalable reactors for a diverse range of chemistries such as photochemistry, electro chemistry and multiphase chemistry.

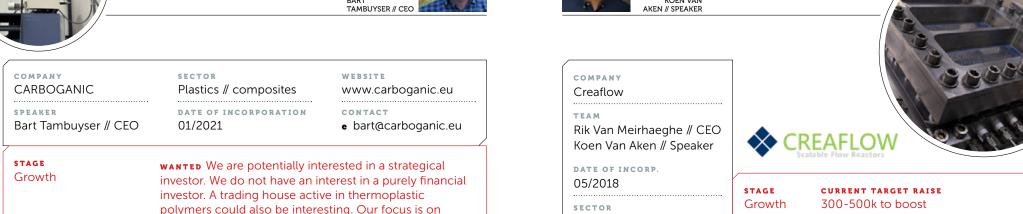
CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

The product development was done in close collaboration with an important industrial user. Several scientific publications prove the superior performance of the reactor. Additionally, the reactor process method allows significant economies as it allows a seamlessly scaling from R&D level to industrial production level.

PERFORMANCE & TRACTION

- Sales to the major pharma and chemical international companies.
- Solid base of scientific publications on performance.
- Annual sales up to 500k mainly in R&D mostly.
- As sales move from R&D adoption to industrial scale it turnover should increase 4 fold.









UYIM NISHIHIRA // JAPAN PROJECT LEAD





ESMA GULTEN // CEO & CO-



STAGE Seed

CURRENT TARGET RAISE 600 Mio. JPY

WANTED We are seeking partnerships with Japanese logistics operators, warehouse integrators, and a wide range of manufacturing companies to jointly develop and deploy autonomous freight transport systems. Our goal is to accelerate market entry in Japan through PoC collaborations, local customization, and industrial co-creation.

COMPANY

ecoro GmbH

SECTOR

Robotics // Logistic Automation

DATE OF INCORPORATION

2022

WEBSITE

https://ecoro-road.com/v1/en/

Daniel Daum // CEO

Mivu Nishihira // Japan Project Lead

CONTACT

e m.nishihira@ecoro-road.com

PRODUCT/SERVICE

WE DEVELOP HUB-TO-HUB AUTONOMOUS FREIGHT SYSTEMS that automate cargo transport from warehouse handling to inter-hub delivery. Combining autonomous EV shuttles, robotic loading terminals, and centralized control software, the system enables unmanned, low-cost, and zero-emission logistics operations. With linetrace driving, the shuttles achieve safe, stable, and high-speed operation without GNSS—ideal for logistics hubs. The solution offers low integration costs and higher performance than conventional AGVs.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

ecoro's freight system is offered as a service. Its components integrate seamlessly and are easy to operate, enabling smooth adoption in existing logistics facilities. The system removes manual inefficiencies for full automation. Each shuttle runs up to 60 km/h, and the loading robot handles 720 pallets per hour—equal to 20 trucks.

PERFORMANCE &

We have received two pre-orders in Europe, achieving over 50% cost reduction, zero CO₂ emissions, and a projected 2-3 years ROI. The latest shuttle prototype has been successfully tested, marking the world's first automated hub-to-hub transport demonstration at our press event in Germany.

COMPANY

Gizil GmbH

WEBSITE

www.e-terry.com

SECTOR

STAGE

Industrial Technology // Digitalization // SaaS

DATE OF INCORPORATION

03/2022

SPEAKER

Esma Gulten // CFO & Co-Founder

CONTACT

t +49 211 53883 444

WANTED

We are seeking strategic collaborations, pilot opportunities, and partnerships with industrial players in chemicals, energy, utilities, and terminals. Our goal is to accelerate the adoption of Virtual Plant (VP) as a practical digitalization tool, improving safety, efficiency, and knowledge transfer in industrial operations.

PRODUCT/SERVICE

CURRENT TARGET RAISE

Growth/ Scale

VIRTUAL PLANT (VP) IS A DIGITAL TWIN SOLUTION that transforms complex facilities into a dynamic, living environment. It integrates point cloud data, asset information, and real-time insights into one accessible platform. Unlike costly, CAD-driven twins, VP is fast, affordable, and practical by enabling asset management, maintenance, training, and compliance in one system.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

Full A–Z digital twin approach: from data capture to visualization and integration. Proprietary software, strong industry expertise, and point cloud capabilities. Competitive edge: fast deployment, affordability, and user-centric design, engineered by engineers, for engineers.

PERFORMANCE & TRACTION

Pilots with global leaders in chemicals, refineries, utilities, and terminals. Recognized by Scale Up NRW as a unicorn-potential company. Awarded at the Global Tank Storage Awards and named as the Best Digital Solution. Growing international traction across Europe, US, LATAM, and MENA.

TECHBIZKON IX





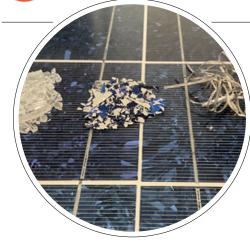






TAKEHITO HIYAMA // CEO





STAGESeries C

CURRENT TARGET RAISE 5.300.000.000 JPY

WANTED Strategic partners, investors, and local industry collaborators in Japan to expand solar panel recycling operations. Seeking alliances for supply chain integration, and market entry to support circular solar initiatives.

COMPANY SOLAR MATERIALS

DATE OF INCORPORATION 06/2021

SECTOR

Solar panel recycling

WEBSITE

https://solar-materials.com

SPEAKER

Hannah Buers // Public Relations

CONTACT

• h.buers@solar-materials.com

PRODUCT/SERVICE

SOLAR MATERIALS OFFERS FULLY AUTOMATED, CHEMICAL-FREE SOLAR PANEL RECYCLING.

Our thermomechanical process recovers up to 98% of materials, including silicon, silver, and high-quality glass, which are returned to industries for high-value applications. Scalable and energy-efficient, it reduces CO_2 emissions by 80%, enabling a circular solar industry.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

Mechanical, chemical-free solar panel recycling with up to 98% material recovery. High-value silicon, silver, and glass output. Scalable, energy-efficient process reducing CO₂ by 80%, enabling a circular solar industry.

PERFORMANCE & TRACTION

Certified as an e-waste recycler since 2023, SOLAR MATERIALS started with a pilot line processing 3,000 tons. In April 2025, the first industrial facility launched, doubling its first-year capacity from 7,000 to 14,000 tons of solar panels. Expansion to Italy and tripling German capacity are planned for 2026.

COMPANY

Greenphard Energy Inc.

SPEAKER

Takehito Nishiyam // CEO

SECTOR

Clean Energy

DATE OF INCORP

2021

NEBSIT

https://greenphard.com/en/home-2/

CONTAC

e takehitonishiyama@greenphard.com

STAGE

CURRENT TARGET RAISE 5M USD

5M U

GREENPHARD

ENERGY

Series A

- Investor: Currently we are proceeding fundraising of Series A
- ▼ Engineer // business dev member

PRODUCT/SERVICE

INTELLIGENT IOT DR SOLUTION for refrigerator, air conditioner, freezer. Generate clean energy from cold warehouse refrigerator. We're making the backbone of society-food factories, logistics hubs, and agricultural facilities-smarter, more efficient, and part of the clean energy transition.

CORE CAPABILITIES

TECHNOLOGY & COMPETITIVE EDGE

- 30% Electricity cost reduction Greenphard cutting edge IoT technology realize 10~30% electricity cost reduction.
- Generating Demand: Response energy resource from refrigerator, air conditioner, freezer..
- Digital transformation: Not only electricity related effect, we can update your operation and development by digital power.

PERFORMANCE & TRACTION

- The number of client factory site: 40
- Generated DR energy capacity from our client: 10M



RALPH NICOLAI NASARA // CO-FOUNDER & CTO







STAGE Seed

CURRENT TARGET RAISE \$30M by the start of 2027.

WANTED Partners would like to engage in overseas proof of concept testing for our carbon capture technologies. Manufacturing partners who can help with module development and system development. Future global investors who can help participate in our Series A by 2027.

COMPANY OOYOO

DATE OF INCORPORATION 01/2020

SECTOR

Climate Tech // Carbon Capture

WEBSITE

www.ooyoo.co.jp/en/

- ▼ Shoqo Otani // CEO
- Ralph Nicolai Nasara // Co-Founder & CTO

CONTACT

e ralph.nasara@ooyoo.jp

PRODUCT/SERVICE

ooyoo's Products are mainly based on its proprietary membrane separation technology processes. So we have customers ranging from membranes who use our membranes for module development. We have also made sales of our prototype modules for their system development. We are currently demonstrating our system capabilities at 100 kg/day with the target of a 20-foot container by next year.

CORE CAPABILITIES TECHNOLOGY & COMPETITIVE EDGE

OOYOO's proprietary membrane separation technology processes CO₂ 3x faster than existing membrane technologies, offering the lowest-cost method for CO₂ concentration at any scale. The compact, modular design is ideal for space-constrained urban-industrial applications.

PERFORMANCE &

- ✓ Sumitomo Chemical: Joint R&D (NEDO GI Fund)
- Arkema (France): Global technology partnership
- ✓ Sakaiminato Biomass; 10 tons CO₂/year capture enabling carbon-negative biomass power generation
- ▼ Otsuka Chemical: Tokushima Plant demonstration
- ▼ Toppan Holdings: Pilot project and Membrane development



COMPANY

12/2013

SECTOR

WEBSITE

SPEAKER

CONTACT

Institute Co., Ltd.

DATE OF INCORP.

Energy // Industrial

www.zmechanism.jp

Takumi Yoshizawa // CEO

e info@zmechanism.jp

Z Mechanism Technology

Decarbonization // Hard-Tech



STAGE

Seed - Early Commercialization (NEDO-funded) CURRENT TARGET RAISE

JPY 360 million

WANTED We are seeking investors and strategic PoC partners for scaling our NEDO-funded advanced ORC system. We plan to use the funds (JPY 360M) to complete the prototype (JPY 80M), build a 300 kW test facility (JPY 130M), and run domestic and international PoC trials (JPY 150M). We aim to collaborate with factories and energy operators in Japan and the EU.

PRODUCT/SERVICE

WE DEVELOP AN ADVANCED ORGANIC RANKINE CYCLE (ORC) power generation system utilizing unused industrial waste heat. Our proprietary XY-separation crank mechanism significantly reduces vibration and improves mechanical efficiency, enabling compact, durable, and low-maintenance expanders. The system supports decarbonization for factories, district energy, and microgrid operators.

CORE CAPABILITIES TECHNOLOGY & COMP. EDGE

Our proprietary XY-separation crank mechanism—licensed to Mitsubishi Heavy Industries and supported by a NEDO-funded ORC project—achieves ultra-low vibration, improved mechanical efficiency, and long-term durability. With expertise in IoT, thermal-fluid systems, and mechanism engineering, we deliver reliable and globally scalable ORC solutions.

PERFORMANCE &

We are advancing Phase-A development of our NEDO-funded advanced ORC system, with prototype expander evaluations underway. The core XY-separation mechanism has already been adopted in other industrial products and has accumulated longterm durability data. Multiple partners are preparing pilot ORC trials in Japan and the EU.





SUSTAINABLE TEXTILES // MATERIALS

FreyZein GmbH www.freyzein.com

Jan Anders Karlsson // CEO jan.karlsson@freyZein.at

FreyZein accelerates the shift from petrochemical to circular, cellulose-based textiles with innovations like TerraTech™, the first 100% cellulose multilayer fabric, and TerraDown™.

The tech merges sustainability, functionality. and price-competitiveness giving their partners and customers a unique material-driven edge in a post-synthetic market.









SUSTAINABLE **TEXTILES // MATERIALS**

Novelyeast - https://www.linkedin.com/in/ iohan-thevelein-aab60a10 Johan Thevelein // Founder & Managing Director johan.thevelein@novelyeast.com

NovelYeast is a spin-off company from a research group at VIB/KU Leuven. It is an R&D company focused on applications with yeast, aiming to exploit its extensive knowledge and technical know-how for development and commercial implementation. NovelYeast has already world-leading yeast strains for production. NovelYeast has partnerships with multiple companies world-wide.

PREDICTIVE MAINTENANCE // IOT

Sentera Europa www.sentera.eu/en Yves Vinck // Managing Director An De Ridder // Business Dev. Mngr. info@sentera.eu

We develop solutions to monitor indoor air quality, regulate fan speed and optimize air quality. From the very beginning in 1997, we focused on developing user-friendly fan speed controllers. Later, sensors were added to monitor indoor air quality. Today, we combine both in advanced solutions for ventilation control. Quality, user-friendliness and innovative technology is what Sentera stands for.



and for online



Solarwing



ALLEX



Hempstatic



CLIMATETECH // CIRCULAR ECONOMY

sequestra FlexCo www.sequestra.tech

Lukas Höber // CEO l.hoeber@sequestra.tech

We are the first company in the world that has developed a fully automated assessment technology specifically for the field of mineral carbonation. For an industrial green tech startup, sequestra has a very high ration of engineers in the field of automation and artificial intelligence. Our team consits of metallurgical, chemical and mechatronics engineers as well as people in the field of climate finance.

CLEAN MOBILITY // ENERGY TECH

SolarWing FlexCo https://solarwing.io

Felix Lohmann // CEO felix@solarwing.io

Solarwing develops a grid-independent solar charging system for electric vehicles, delivering up to 2 kWp directly from the car roof. Fully retrofittable and automated, it enables charging anywhere — cutting costs and saving time — ideal for regions with limited charging access and rising energy demand, for a more accessible e-mobility future.

PROJECT MANAGEMENT

ALLEX PROJECTS GmbH www.allex.ai

Holger Lörz // Representative holger.loerz@allex.ai

Allex ai revolutionizes how industrial teams plan, manage, and deliver work. Our AI-driven platform connects every step of operations, from forecasting to execution, so factories can run cleaner, faster, and more intelligently.

ADVANCED MATERIALS // MANUFACTURING

Hempstatic https://hempstatic.at

Elena Yaneva // CEO & Co-Founder elena@hempstatic.at

Hempstatic manufactures advanced insulation biocomposites for acoustics, sound and fire protection. Made from biogenic resources, our materials are chemical-, plastic- and toxic-free, reducing CO₂ emissions and hazardous waste. Our mission is to set a new industry standard for circular, non-toxic materials and decarbonize construction through industrial symbioses.









SMART LIGHTNING

TRAILSLIGHT https://trailslight.it/en/trailslight

Fabio Cavallari // Co-Founder & CMO f.cavallari@trailslight.com

TRAILSLIGHT provides on-edge light controls systems branded TRAILS combining radio-frequency techniques with intelligent sound analysis. TRAILS technology permits to detect traffic and other external elements relevant for efficient light dimming to enable adaptive lighting with savings from 40% to 60% following EN13201 norm.

SMART CONSTRUCTION

Avete https://avete.ai/

Uttam Dwivedi // CEO uttam@avete.ai

AVETE Inc. delivers AI-powered safety management for construction sites. Our platform proactively analyzes photos and videos to detect hazards, and our Kenshu-Al acts like a "ChatGPT for construction." enabling quick answers and document search to support KY training and on-site decision-making.









SMART MANUFACTURING

Braid https://braid.tech

Guido Cossu // Tech. & Creaty, Dir., Co-Fndr. guido@braid.tech

Founded late 2020 in Tokyo, Braid is committed to expanding human creativity and engineering by building the technology for the future of design through a blend of mathematics, physics, computer science, and human ingenuity. We are scientists and engineers, designers and inventors, problem solvers and troublemakers, leveraging all the scientific tools and ideas to make sure we develop the highest quality and best performing designs possible.

SMART MANUFACTURING // CIRCULAR ECONOMY

Fermelanta Inc. fermelanta.com Hiroyuki Sangu // Director of International Business Development hirovuki.sangu@fermelanta.com

We Fermelanta make beneficial plantbased molecules through microbial fermentation. We create a cell factory for target molecules with design and implementation of complete and multistep biosynthetic pathways.





Valuufy



SUSTAINABLE TEXTILES // MANUFACTURING

PEEL Lab www.peel-lab.com

Jim Huang // CEO +81 70 4282 7839

PEEL Lab is a B2B GreenTech manufacturing pineapple leather HYDE from leaves. Our mission is to upcycle food loss, prevent animal cruelty and reduce carbon emissions.

SUSTAINABILITY // ESG

Valuufy Inc. www.valuufv.com Marco Koeder // Head of Operations/ Marketing & Co-Founder +81 70 3844 4648

ValuuCompass standardizes complex non-financial data into actionable intelligence - delivered in hours. not weeks. Better risk management. Stronger resilience. Improved reputation. Save time, money, and resources. Turn disclosure into strategy. Trusted by Fortune 500. Based on 10+ vears of academic research.







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, Sincapore 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

ONLY award by the Austrian Federal Covernment and managed by the public agencies AVIS (public architection) and FEO (recearch architection agency).

FOR AUSTRIAN STARTUPS:

With CO AS A 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.

FOR ASIAN STARTUPS:

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

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.

FOR INCUBATORS:

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

Contact us:

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

BE PART OF THE NETWORK

Since 2017, TechBIZKON successfully connects startups, corporates and investors. Find out more on www.techbizkon.com/past-editions.html

Thursday, December 4th, 2025 1 pm to 9 pm (doors open: 12:30 pm) SAP Inspired.Lab // Tokyo // Otemachi & online

TechBIZKON IX Connecting Startups, Corporates & Investors



TechBIZKON: Connecting startups and VCs

2017: The Beginning For the first edition we had 01-Booster as accelerator and Japanese partner and the New York Univ. campus in Shinagawa as venue partner.



2018: Artificial Intelli**gence** Seven startups from Austria, Germany and Switzerland were joined by four startups from Japan from where CREWW had joined as the Japanese partner.



2019: Digital Health Nobody knew how timely the topic for the TechBIZKON 2019 was chosen. Our third edition took place just before the world faced the Covid-19 crisis.



2020: Connected Industries This was all about the tech and solutions making smart factories, well, smart. This edition had two Japanese partners, CIC and Venture Cafe. It was also our most affected by the pandemic.



2021: Greentech In the center of Tokyo's startup world right at Shibuya crossing, this edition focused on THE topic of our time - greentech, sustainability and saving the planet for our children and generations to come.



2022: Mobility With Toyota Connected, the open innovation company of Toyota Group, we had a total of 30 participating startups, 15 pitching, 15 exhibiting.



2023: Microelectronics More than 30 startups focused on microelectronic and semiconductors participated in the 7th edition at QWS Shibuya, 12 Dec, 2023.



2024: AgriTech & Food **Tech** More than 30 startups providing new solutions to problems in agriculture, the food industry and similar areas presented their ideas in front of an audience of roughly 200 B2B industry contacts.

ORGANIZERS

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JAPAN

PLUGANDPLAY

PLUG AND PLAY

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CO-ORGANIZERS



GERMAN CENTER FOR RESEARCH AND INNOVATION (DWIH)

www.dwih-tokyo.org



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