

Dutch CES Startup Pitching Day in Korea

네덜란드 CES 참가 스타트업 피칭데이

지난달 CES (Consumer Electronics Show) 네덜란드 국가관에 참가했던 스타트업 중 10 개 업체가 한국을 찾아옵니다. 2/24(수) 오후 4 시에 온라인 비디오 컨퍼런스를 통해 한국에 해당 기업의 소개를 드리고자 하오니, 투자, 기술/사업협력에 관심있으신 분들 모두 환영합니다.


아래 링크로 참가등록해 주시면 온라인으로 참여하실 Webex 링크를 보내드립니다.

- **참가 등록** (Please register at): <https://forms.gle/k8RAuWW15dRnhY7w6>
- **피칭 스타트업 정보** (Startup details): 별첨 및 주한네덜란드대사관 과학혁신 블로그 (<https://blog.naver.com/hollandinno/222231624607>) 참조
- **시간**: 16:00-17:30 (Korean time), February 24th Wednesday, 2021
 - * 행사시 통역이 별도로 지원되지 않습니다. (The event will be held in English)

Time	Program	Description
KR 16:00-16:05 NL 08:00-08:05	Opening	Embassy introduces the event
KR 16:05-16:10 NL 08:05-08:10	Opening Remark	Delegation leader from Dutch side
KR 16:10-16:15 NL 08:10-08:15	Welcome Remark	Invited speakers from Korean side
KR 16:15-17:25 NL 08:15-09:25	Startup Pitch (7 minutes each)	<ul style="list-style-type: none"> - COMPO software (GDPR¹-proof biometric recognition) - ECG Excellence (ECG² analysis algorithm) - Follow (New social media platform for greener future) - Hardt (2017 Spin-off winner Elon Musk's Hyperloop competition) - Knowtice (Automated solution to valuate knowledge capital) - LipoCoat (Bio-inspired coatings for medical devices) - Oddity (Visual recognition to detect violence and car crashes) - Tapp (IoT-enhanced smart paper to measure/track temperature data) - Simbeyond (simulation solution for advanced materials & devices) - Vtec Laser & Sensor (Sensor for fine dust, CO2, Light, Vibration, etc.)
KR 17:25-17:30 NL 09:25-09:30	Closing	Embassy closes the event
KR 17:30-18:00 NL 09:30-10:00	Networking	Online Networking session (Optional to join) with the contact information of the Dutch startups on screen * You can exchange chatting messages with the startups and ask questions to the embassy

- * **Organizer: Embassy of the Netherlands in Seoul**
- * **Contact us at (+82)-2-311-8623 or info@nost-korea.com for any inquiry**

¹ The General Data Protection Regulation
² electrocardiogram

	<p>Compo</p> <p>Theo Breuers, CEO</p> <p>E-mail : theo.breuers@composoftware.eu Call : +316 47 92 28 88 Website : www.composoftware.eu Address : Rijksweg 44, 6269AC Margraten</p>
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The Challenge

Let's dump the hassle with tickets, key rings, drops, ... we have our face, let's use it. Providing an open and welcoming experience to employees and other visitors to improve the hospitality is just an example of the scope existing of biometric recognition!

Our Solution

COMPO is a software development company creating GDPR-proof applications using biometric recognitions for access control, crowd control, people flow... and working perfectly with in-house software. By developing applications for people flow, we manage to create a smooth, safe, comfortable way for people to move in and between buildings and locations. To successfully develop our products, we work with other companies who excel in a specific technology and universities for research purposes. As mentioned, our solutions are fully GDPR-proof, which means that biometric data can only be used with voluntary and separate express consent of the person. In addition, the person must be able to revoke this consent at any given moment. COMPO Software puts the user in control and therefore makes biometrics privacy proof!

A glimpse is all we need to unleash the full potential of biometric recognition.

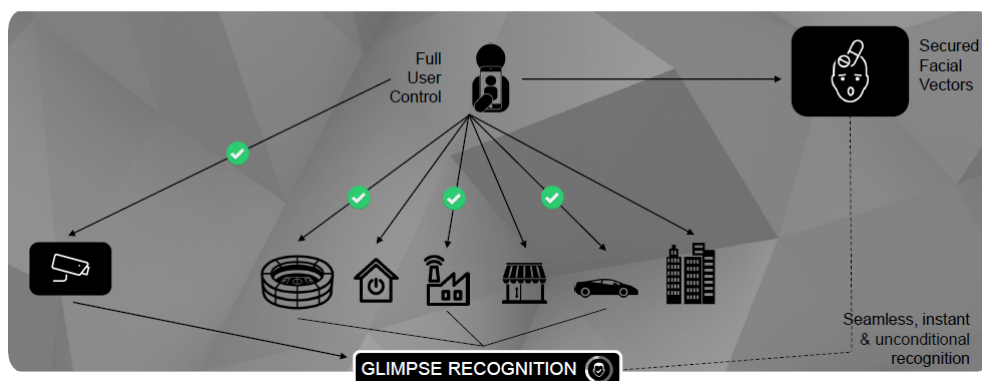
Technology Readiness Level:

Level 7: System prototype demonstration in operational environment

Looking for:

- ✓ Networking with for example knowledge partners as universities: to validate our findings and brainstorm about possible applications in the market (or new markets)
- ✓ Closing contracts/ getting clients: all sorts of companies who want to improve their crowd control / people flows / hospitality level by adding biometric recognition to their current access control applications.
- ✓ Development partners, companies who can provide COMPO with certain electronic components

▼
Expandable to any biometric glimpse



	<p>ECG Excellence</p> <p>Hans Slijp, CEO & Co-founder</p> <p>E-mail : hans.slijp@ecg-excellence.com Call : +316 41 18 23 93 Website : www.ecg-excellence.com Address : Weijland 38, 2415BC Nieuwerbrug aan den Rijn</p>
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The Challenge

The non-invasive and low-cost Electrocardiogram (ECG) is delivering tremendous value in healthcare. Boosting (tripling) the performance of ECG-based diagnostics to a next level in clinical and economic performance requires the integration of the classic ECG with the merits of modern digital technologies.

Our Solution

ECG Excellence brings the ECG to the digital age, 100 years after its invention. By applying digital twin technology, supported by patented algorithms, our software enables better, lower-cost and faster insights into heart performance. Our software-based solutions are complementary to existing ECG machines and clinical ECG acquisition workflow. We relate the ECG data to the heart anatomy, revealing physicians ‘hidden’ heart diseases (e.g. infarcts, Brugada). We uniquely enable off-clinic personalized ECG comparison over time to detect diseases such as heart failure and ischemia before symptoms occur.

Our Artificial Intelligence based solutions can be applied by cardiologists and general practitioners.

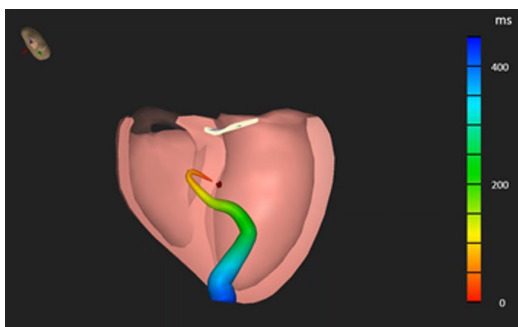
ECG Excellence saves lives and reduces healthcare costs: There is MORE to SEE in the ECG

Technology Readiness Level:

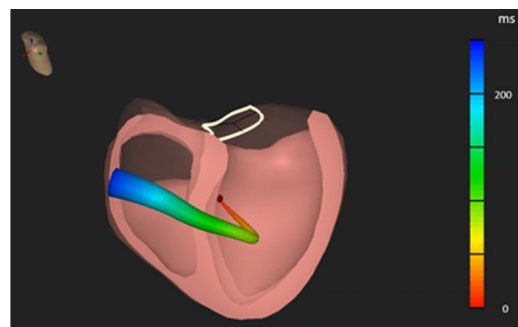
Level 7: System prototype demonstration in operational environment

Looking for:

- ✓ Creating awareness for the new COVID19 cardiac triage SAAS solution which will be launched parallel to CES
- ✓ Creating awareness for the new Brugada Syndrome detection SAAS solution which will be launched in March 2021
- ✓ Creating awareness for the new CRT feasibility solution for which we are collaborating with Kaiser Permanente in the USA
- ✓ Connecting with corporate customers (clinics, healthcare groups) and other beneficiaries of our solutions
- ✓ Looking for investors in the USA



CineECG pattern of normal heart performance (electrical pathway in ventricular chambers)



CineECG pattern of abnormal heart performance (electrical pathway in ventricular chambers)



Follow

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The Challenge

- Social media has turned toxic while people are spending more time online than ever before.
- We are facing a climate crises and the collapse of natural ecosystems.
- Traditional industries where people meet each other in real life are hit hard by Corona.

Our Solution

Follow is a social network that leverages technology in favor of beneficial outcomes for people and planet. We succeed as a company when you go outside to have fun instead of scrolling the feeds. We index millions of experiences on carbon footprint and use our unique algorithms to steer towards a greener future. With “*Up-to-the-challenge*” Follow launches global challenges to alter our own consumer behavior while we display live our collective progress. To amplify our efforts Follow will give platform space to ideas and projects that can be initiated, joined, expanded, financed and shared. Turning 1 idea into 10,000 ideas.

Let's explore, experience and shape our world together

Technology Readiness Level:

Level 6: Technology demonstrated in relevant environment

Looking for:

- ✓ Looking for investors (Worldwide)
- ✓ Influencers, celebrities and early users to subscribe to our early adopter waiting list
- ✓ Projects and startups that would like a Follow account to showcase their efforts
- ✓ Media outreach, creating awareness
- ✓ Connecting with industry, universities and NGO's to incorporate more SDG into Follow
- ✓ Connect with potential (foreign) partners for integrating their offerings in our platform
- ✓ Networking with for example knowledge partners as universities
- ✓ Marketing partners around the world





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The Challenge

Hardt is aiming to disrupt passenger and cargo travel by creating passenger and cargo hyperloop. By using electricity and battery power, Hardt aims to transport cargo at higher speed than trucks in a sustainable manner. Hardt will disrupt air transport for short distance flights.

Our Solution

Hyperloop is a safe, high-speed, zero-emissions transportation system for passengers and cargo consisting of vehicles moving through tubes with a low-pressure environment. Hyperloop offers a shorter travel time than aviation, is more energy-efficient than rail, is cheaper to build and maintain compared to high-speed rail and offers double its capacity. Thereby offering a better value for the large ground transport infrastructure investments that need to be done in the upcoming decades.

The first commercial application of hyperloop envisioned by Hardt is for cargo. This is done with Hardt's Cargoloop®: a low-cost application of hyperloop technologies dedicated for cargo.



Technology Readiness Level:

Level 5: Technology validated in relevant environment

Looking for:

- ✓ Finding development partners for routes and technology development
- ✓ Finding Investors for Hardt's Series A



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The Challenge

We live in a knowledge-driven economy. Knowledge is the driving force of organizations and extremely important for continuity and innovation, but there is no systematic overview of the knowledge in organizations. Knowledge is therefore insufficiently maintained, used to a limited extent and not properly valued.

Our Solution

Knowtice was founded to help organizations and stakeholders communicate about knowledge capital. To this end, Knowtice has developed the Knowledge Scorecard. The Knowledge Scorecard is the first automated, self-service and user-friendly solution ever for (e)valuating knowledge capital of organizations. It provides insight into the knowledge vitality of an organization, like the way accounting provides insight into the financial health.

By identifying risks & opportunities and providing solutions, the Knowledge Scorecard supports straightforward strengthening of organizations and performing reliable due diligence. Knowtice offers solutions for organizations and their advisors and investors, who have an interest in measuring, predicting, and improving performance.

Knowtice - Building resilient organizations: understand and release the potential of knowledge capital.

Technology Readiness Level:

Level 7: System prototype demonstration in operational environment

Looking for:

- ✓ Organizations that want to take maximum advantage of the knowledge capital in their organizations and are curious in exploring the usability of the Knowledge Scorecard
- ✓ Setting up partnerships with Private equity parties, venture capital organizations, investors and financiers who invest in knowledge-driven organizations and within them the persons responsible for the due diligence ad Accounting firms and business consulting firms whose clients belong to knowledge-driven organizations and within them the persons responsible for the strategic advisory services





LipoCoat

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The Challenge

LipoCoat enables sustainable infection control – no antibiotics, no toxic compounds, no side-effects. Our bio-inspired coating technology prevents biofilm formation, thus reducing healthcare associated infections. Our solutions impact contact lenses, catheters and implants, and improve patient comfort, safety and infection control.

Our Solution

LipoCoat is a biotech company specialized in ‘bio-inspired’ coatings that improve the safety, comfort, and performance of medical devices with a focus on health and nutrition. The global total addressable market exceeds \$ 10 Billion. Our pipeline comprises discovery and (pre)-clinical programs in the medical device and drug discovery space. Our key milestones include 3 patent families, developed pre-commercial prototypes of LipoCoat contact lenses, LipoCoat lens care product and LipoCoat coating kit, ISO-13485 certified, JLABs resident.

Bio-inspired coatings for medical devices. LipoCoat has won 20+ honors and awards, including Best Medical Device Coatings Company of 2020.

Technology Readiness Level:

Level 8: System complete and qualified (coating for RGP contact lenses and coating kit for cell devices)

Looking for:

- ✓ Create awareness of our bio-inspired coating technology that improves the safety, comfort, and performance of medical devices.
- ✓ Connect with potential business partners.
- ✓ Looking for investors for our \$ 5 Million B-round. The primary use of funds will be the development of a pre-clinical prototype of a LipoCoat-powered CVC catheter.





Oddity

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The Challenge

There are too many camera streams that require monitoring by human operators. Even if they are able to watch every stream, humans are still not capable of registering all activities (live) on screen. Therefore, the majority of incidents are still missed in surveillance centres.

Our Solution

Oddity's algorithm can detect numerous activities. It can now detect violence and car crashes on live video material. Additional anomalies (oddities) can be added, such as vandalism, theft, robberies, etc. Our mission is to increase public safety by integrating Oddity in the surveillance room. The software is deployed in several cities, where it accurately detected lots of instances of violence. These were initially missed by surveillance staff.

The benefits:

- Zero missed incidents
- Fast detection & response times
- Improve surveillance without having to hire/hiring more staff
- Saving costs
- Privacy-by-design (no human/facial recognition)
- Fully integrated with existing software

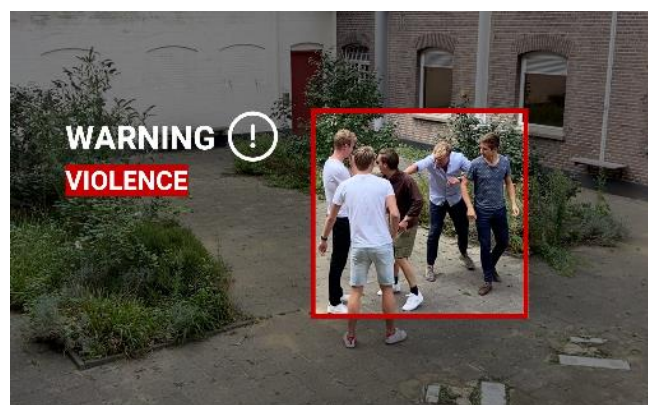
We are the first to develop a commercial violence recognition algorithm using advanced deep learning techniques.

Technology Readiness Level:

Level 9: Actual system proven in operational development

Looking for:

- ✓ Positioning in the market and creating awareness
- ✓ Connecting with potential (foreign) security and/or integration partners who want to co-sell our solution. Especially integration partners that work in surveillance centres.
- ✓ Networking with for example knowledge partners as universities, especially regarding Artificial Intelligence
- ✓ Closing contracts/ getting clients: clients that wish to deploy smart safety. Oddity can already deploy automatic violence detection on existing (camera) infrastructure. Furthermore, Oddity can teach other 'activities' to the algorithm as well, such as vandalism, people fainting, perimeter detection, theft



tapp



Niels Postma, CEO & Founder

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The Challenge

The ongoing digitization has a downside. It poses major e-waste problems. Electronic waste contains hazardous materials that are difficult to recycle. It is time that we start looking for alternative, circular raw materials that can contain intelligence - such as paper.

Our Solution

Paper has a unique recyclability and is the perfect alternative for unsustainable materials. We create intelligent paper with microchips, temperature-, humidity- or shock sensors and printed batteries. Sustainable raw materials from recycled paper or agricultural waste ensure that the product can easily be recycled again. It is therefore a circular smart product that does not contribute to the e-waste problem.

Our smart paper comes to live on our SaaS-platform. The data that our paper generates are interchangeable through API's. Powerful, real-time analytics about how the paper is used or what is measured are represented across customizable dashboards.

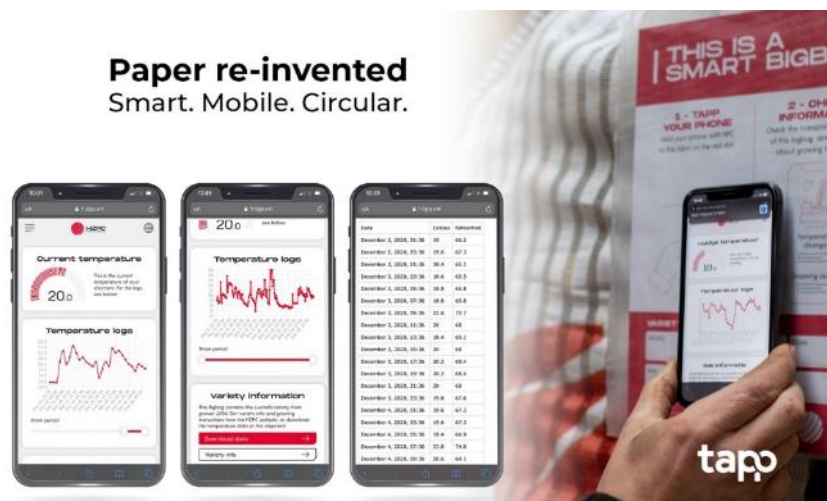
Connecting the unconnected.


Technology Readiness Level:

Level 7: System prototype demonstration in operational environment

Looking for:

- ✓ Positioning in the market, creating awareness and gaining publicity. We need to get the mantra out. Because we need customers. And customers will come if they know what it is and what the possibilities with intelligent paper are.
- ✓ Closing contracts / getting clients – we have everything ready: from hardware to software. We now need validation from the market. So, we really need companies that can use our smart paper for temperature measuring purposes.



 <p>SIMBEYOND</p>	<p>Symbeyond</p>
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The Challenge

High-tech companies are facing big challenges in meeting the growing set of end-user requirements, putting ever more constraints to key components such as displays, batteries and semiconductor devices. Traditionally this R&D is done by a trial-and-error approach, currently taking too much time and a lot of resources.

Our Solution

At Simbeyond, we provide simulation software that revolutionizes R&D of advanced materials and high-tech devices as used in displays, batteries and semiconductor devices. We are replacing production and analysis of many prototypes by computer simulations. We developed unique 3D software, Bumblebee, to simulate and predict the properties of nanotechnology-based materials and devices. Bumblebee for instance allows to simulate all relevant physical processes in OLED displays at the molecular scale from the nanosecond timescale to the full device lifetime. Our software solution enables our customers to reduce time-to-market by up to 40% and R&D costs by up to 60%.

Advanced simulations that impact the physical world.

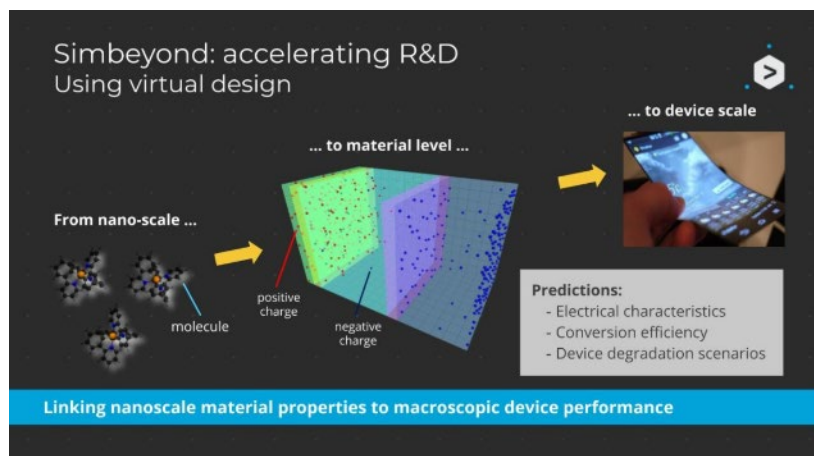
Technology Readiness Level:

Level 9: Actual system proven in operational development

Looking for:

- ✓ Positioning in the market, creating awareness, getting feed-back for business model B2C, B2B
- ✓ Networking with for example knowledge partners as universities
- ✓ Closing contracts/ getting clients
- ✓ Looking for investors (EU, USA, ASIA)

The CES is for us the opportunity to first get in contact with new potential industrial and academic customers. Also, it is an opportunity to meet new investors because we are currently raising funds. Finally, it is a chance for us to meet all the main actors in the field of displays, batteries and semiconductor devices.



	<p>VTEC</p> <p>Jan Mink, <i>CEO & Owner</i></p> <p>E-mail : jan@vtec-ls.nl Call : +316 20 60 76 55 Website : www.vtec-ls.nl Address : Kastanjelaan 400, 5616 LZ Eindhoven</p>
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The Challenge

With each new day the need to act on air pollution, harmful CO₂-levels, the number of people in a room or changes in environment increases. Obtaining real-time data and facilitation of methods to implement adjustments can help you to improve working conditions and home situations.

Our Solution

We help you to collect data on fine dust, light intensity, vibrations, CO₂ concentration, pressure, force, and more and offer real-time, wireless solutions. These include mobile sensors, data management systems, data processing algorithms and user interfaces that can be accessed on a wide array of devices from anywhere in the world. Meet our product brands: Multisensor can measure virtually anything you need in a modern building. Ephor can prevent unhealthy situations and work absence. MyAir CO₂ helps to manage air quality and air circulation. The MyAir fine dust sensor makes the invisible fine dust visible.

We provide technology and products for creating, transporting, bundling and analyzing data.

Technology Readiness Level:

*Level 8: System complete and qualified
 Production start planned Q2 2021*

Looking for:

- ✓ Positioning in the market, creating awareness, getting feed-back for business model B2C, B2B etc.: We would like to get feedback on the product.
- ✓ Closing contracts/ getting clients: Our production will start in April and we are looking for projects in the real estate market.
- ✓ Marketing partners: We have a local representation in China, Turkey and Nigeria and are looking for partners that can help to introduce the product to the market.

