



Global Tech Innovator winners' report 2022

KPMG International

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• Foreword



Conor Moore

Head of KPMG Private Enterprise in the Americas, Global Co-Leader — Emerging Giants, KPMG Private Enterprise, KPMG International and Partner, KPMG in the US

There have been many ups and downs in venture capital investment over the years. But the third quarter of 2022 was startling with some of the lowest deal volumes since 2016, and lower deal value than we saw in the first two quarters of the year.

This is generating a lot of discussion about whether we're entering a real downturn or more of a correction for the short term. The IPO market has stalled, with the window likely closed through Q1'23. It's likely that the focus will be on the economics and true fundamentals of businesses — at least in the short to medium term.

If this *is* a correction, it isn't limited to valuations, but how investors evaluate deals; the degree to which they're motivated to build bigger businesses; how founders and investors think and make decisions; and how the processes work for continuing to drive innovation.

There is capital in the market, and recent estimates have suggested that there is as much as USD3 trillion of dry powder available among growth investors, family offices general partner and limited partner funds for innovations that solve huge global problems.

Profits *and* purpose

The past two years have had a remarkable impact on the word of innovators, entrepreneurs and impact investors, with purpose *and* profit carrying equal weight.

Investors need to see a return their capital. But the need for "impact" is becoming more clearly defined as well, largely

due to the enormous focus on environmental, social and governance (ESG) concerns in every part of the world.

Where 'impact investing' was once just a buzz term, the criticality of ESG issues has made it an essential norm. With the accelerated access to data in the market, it's increasingly necessary for decision-makers to be purposeful and candid about their decisions and actions. Companies are being required to report their progress openly (and potentially publicly) about the social inclusivity and diversity of their businesses, how they are mitigating their environmental impact and the governance practices they have adopted to ensure they continue to operate in an ethical and responsible way.




There are no limits to the focus on profit and purpose. It cuts across the board, and sweeps up venture capital firms along with general and limited partner investors along the way. While benefiting from positive returns on the capital they have invested in growth companies, all will also be required to report on their environmental, diversity and inclusion initiatives and demonstrate how their investment decisions have been made in an unbiased and socially responsible way."

Conor Moore

Head of KPMG Private Enterprise in the Americas, Global Co-Leader — Emerging Giants, KPMG Private Enterprise, KPMG International and Partner, KPMG in the US





In fact, HiiROC, this year's KPMG Private Enterprise GlobalTech Innovator has developed a patented technology for the production of low-cost hydrogen — the new 'clean fuel', and one with an estimated

USD2.5 trillion

market by 2050. This is one to watch!

Prioritizing sustainability

In this “profits with purpose” environment, it's no surprise that sustainability has continued to win the world's attention. Nowhere was this more visible than in the KPMG Private Enterprise GlobalTech Innovator 2022 competition. The tech entrepreneurs who competed for the global crown are the builders of the future — stepping up with practical technology solutions that will aim to improve our businesses, our planet and the lives of people across the world.

They are also the companies most likely to become the drivers behind the next generation of economic growth that the world is going to need. The Global Tech Innovator competition is an amazing vehicle for shining a light on today's startups who are on the path to becoming the next emerging giants.

The Q3'22 KPMG Venture Pulse Report¹ showed the resilience of energy, healthtech and cybersecurity companies in the face of extraordinary market unpredictability. And following two years of a global pandemic, it was no surprise to find healthtech and cleantech innovations dominating this year's competition.

However, interest in food and grocery delivery and other consumer-focused companies that had exponential growth during the pandemic appears to be waning in the shadow of high inflation and as consumers appear to be begin to shift back to their pre-pandemic behavior.

Healthcare as a growth market

Healthcare and biotech, on the other hand, have always been hot venture capital investment areas — even before the pandemic pushed them to new heights. Activity has slowed somewhat, but aging populations, talent shortages, and crumbling healthcare systems will likely keep investors interested for the foreseeable future. AI-enabled biotech continued to be particularly attractive to investors in Q3'22, in addition to areas such as at-home testing and care.

The healthcare focus was evident among the 22 finalist in the KPMG Private Enterprise GlobalTech Innovator competition as well, with more than one-third of the contestants presenting important technological steps forward in healthtech and medtech, followed closely by cleantech and AI.

The energy sector is gaining steam

Globally, the energy sector was one of the biggest winners of venture capital investment in the third quarter, and the drive for sustainability has opened the door even wider to interest in clean-tech and alternative energy sources, such as hydrogen, which are expected to keep gaining steam.

In fact, HiiROC, this year's KPMG Private Enterprise Global Tech Innovator has developed a patented technology for the production of low-cost hydrogen — the new 'clean fuel', and one with an estimated USD2.5 trillion market by 2050. This is one to watch!

¹ Q3'22 KPMG Venture Pulse Report <https://home.kpmg/xx/en/home/campaigns/2022/10/venture-pulse-q3-2022.html>





Tech trends to watch

KPMG in the US and OwlIn have developed the KPMG Technology Trends Index². It's a view of technology trends in eight large industry sectors in real time. Here a few examples of what was trending in eight sectors in November, 2022:

Automotive

autonomous vehicles

Consumer Goods

digital payments; big data and analytics

Energy

digital payments; big data and analytics

Financial Services

digital payments; mobile payments

Healthcare

robotics; nanotechnology; big data and analytics; home health monitoring

Media and Entertainment

augmented reality; digital payments

Retail and Wholesale

digital payments; wearables; cloud computing; home health monitoring

Transportation and Shipping

autonomous vehicles; digital payments

Supporting the world's Emerging Giants

Through a highly focused Emerging Giants group across the globe, KPMG Private Enterprise professionals are committed to supporting the tech entrepreneurs and builders of the future who are tackling these global issues to help make the world a better place to live, work and do business.

An important part of that support includes the KPMG Private Enterprise Global Tech Innovator competition, where professionals in KPMG member firms search yet-to-be-discovered tech entrepreneurs and provide a platform to bring their innovations to light.

The inaugural competition in 2021 crowned Brazil's fast-growing agritech startup, Krilltech, as the global winner. In the past year, Krilltech has gone on to complete its Series A financing round —

and is now beginning to implement the next phase of its growth plan, which is focused on an ambitious internationalization strategy.

Another year has passed, and now it is time to announce and celebrate the 2022 KPMG Private Enterprise Global Tech Innovator winner **HiiROC**, the developer of a patented technology that converts natural gas to low-cost hydrogen with zero emissions.

Congratulations to HiiROC and the 21 country winners who made it to the global finals and helped to make the search both intense and inspiring.

We encourage you to learn more about HiiROC, and the inspiration behind each of the other 21 country winners, in this report.



Some of the leading venture capital funds are going to places like Egypt, Brazil and Colombia to find the next great startups. They recognize that's where some of the biggest opportunities will likely be in the future. One of the great things about the KPMG Private Enterprise Global Tech Innovator competition was that the judges got to see some ground-breaking innovations from many of the newer tech hubs in Saudi Arabia, Brazil, Taiwan and Bahrain, showing how vibrant and strong the global tech community has become in both mature and emerging markets."

Conor Moore

Head of KPMG Private Enterprise in the Americas,
Global Co-Leader — Emerging Giants,
KPMG Private Enterprise, KPMG International and Partner,
KPMG in the US

² KPMG Technology Trends USA <http://technologytrendsindex.kpmg.com/>



A global competition growing at scale

The second KPMG Private Enterprise Global Tech Innovator competition reached new heights with a 30 percent increase in the number of countries who joined the 2022 hunt for the next 'big thing' in tech.

Over 1,200 emerging tech companies in 22 countries/jurisdictions competed for an opportunity to take their business to the next level.



Judging criteria

Each company was judged by a panel of industry professionals. All presentations were scored under six categories with equal weighting to each.

The categories were:

1 Innovation and disruption — what is the competitive landscape and what is the company's differentiator?

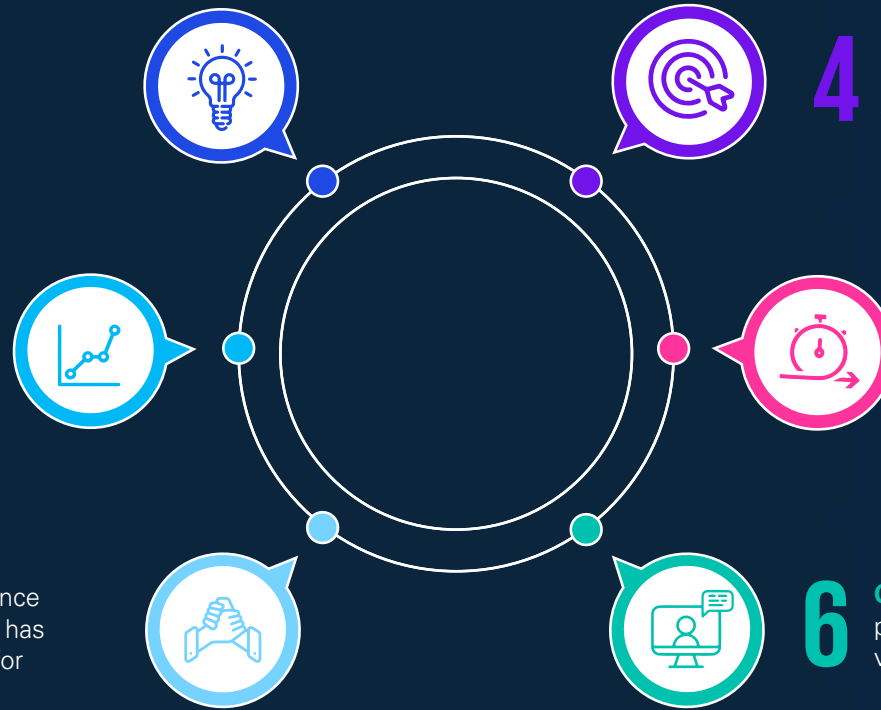
2 Market potential — what is the potential market size of the product or service? This could be in relation to an existing market (and therefore taking market share) or in the creation of a new market segment.

3 Customer adoption — is there evidence that the company's product or service has sufficient customer demand to allow for company growth?

4 Marketing/buzz — does the company leader understand the best marketing strategy to reach the key customer base?

5 Long-term potential — does the company have a strong Go-To-Market/commercial strategy? Is it well thought through and articulated?

6 Quality of pitch — how well did the presenter communicate their story and value proposition?



Application forms were submitted at the country/region level. Each application was reviewed and scored — top companies were invited to the next country/regional round.

Each country held regional heats and/or finals consisting of a 3–5 minute pitch which was judged by a panel of industry professionals (depending on country/region judging panel consisted of one KPMG participant and 3–4 external industry professionals OR all external industry professionals).

The winner from each country was invited to pitch at the global final in Lisbon in November 2021. The finals consisted of a 3 minute pitch to a panel of 5 judges — 2 KPMG professionals and 3 external industry professionals.





2022 KPMG Private Enterprise

Global Tech Innovator winner!



Introducing HiiROC



Hydrogen is the new 'clean fuel', and with an estimated market of USD2.5 trillion by 2050, it's an energy powerhouse with increasing potential. However, current hydrogen production is either high emission or high cost. HiiROC has created a transformational new process, Thermal Plasma Electrolysis, to produce affordable, zero-emission hydrogen with the mission of helping to accelerate global net zero.

Hydrogen is a great fuel with a high energy density (three times that of gasoline) and, crucially, when burnt or used, it produces water not carbon dioxide. Whilst hydrogen can be used for transport, it has far wider potential as it can be used virtually everywhere natural gas is currently used. With natural gas providing almost one quarter of the planet's energy then the potential for hydrogen is vast. However, the use of hydrogen has been limited to date because of the way it is made. In recent years a number of companies have been searching for a new production process and HiiROC has recently made the breakthrough development of Thermal Plasma Electrolysis which is enabling cost-effective and climate-friendly hydrogen production.

The predominant hydrogen production process in use today throughout the world is steam methane reforming which creates large amounts of carbon dioxide as a bi-product. The 'green' alternative, water electrolysis using renewable electricity, requires a huge amount of energy at a high cost. Hence, the world needs an affordable, zero-emission solution if hydrogen is going to be adopted as a clean-energy fuel on a global scale, and HiiROC has developed that solution. The transformational new process uses plasma to split methane in an oxygen-free environment into hydrogen and solid carbon (i.e. avoiding production of the greenhouse gas CO₂).

The technology is modular, scalable, low capex and can be placed where the hydrogen is needed thereby removing the need for expensive hydrogen pressurization, transportation and storage required by other solutions. Consequently clients can benefit from a clean hydrogen stream with lower capital expenditures and operational costs compared to other hydrogen production technologies.

Furthermore the technology can convert hydrocarbons in general including flare gas, biomethane and natural gas into a clean hydrogen. Hence the company recently signed an exciting MOU as part of COP27 in Egypt to mitigate flaring for the state owned oil and gas company EGAS. Rather than unwanted natural gas being burnt or vented to the atmosphere (releasing vast amounts of greenhouse gases) HiiROC's technology will convert this waste into valuable hydrogen and avoid the greenhouse gas emissions.

Interestingly, the solid bi-product, Carbon Black, is a valuable commodity for the tyre, plastics, inks and coatings industries. Better still, this production of Carbon Black, can replace the existing Oil Furnace production process and its associated CO₂ and gas pollution. This is a win-win environmental and industrial solution.

The future is exciting for hydrogen, the new clean fuel, producing water not carbon dioxide when used whilst holding three times the energy density of gasoline. With almost 25% of the world's energy coming from natural gas, HiiROC's solution can decarbonize virtually all of it. It addresses the radical innovation requirements for creating a new hydrogen economy, allows hydrocarbons to be used without emissions, and can be delivered to smaller users through to large industrials cheaply, efficiently and quickly.



We are working hard to help accelerate global net zero and the prospect of being able to showcase HiiROC's technology to a global audience has helped us to gain real momentum. Our solution is a patent-protected, world first new way of producing low-cost, zero-emission hydrogen. It will have real impact on climate change. So this competition is not only a win for our amazing team, it's a win for the hydrogen sector in attracting global attention to hydrogen as a revolutionary, clean-energy alternative."

Tim Davies

Co-founder & Chief Executive Office , HiiROC

Website: <https://hiiroc.com/>



The power of the UK technology sector in delivering impact on a global scale has never been more important. And HiiROC is an example of the increasing number of UK innovations and business successes. These companies are showing the world that there are plenty of opportunities for growth for companies like HiiROC that are prepared to think differently and look at a problem from a new angle."

Warren Middleton

Lead Partner, Emerging Giants Centre of Excellence KPMG in the UK





Meet the country and jurisdiction winners

The top tech innovator from each participating country was invited to the final round of the global competition. Their innovations demonstrate how vibrant and strong the global tech community has become in both mature and emerging markets.



Australia Winner



Goterra

Waste management infrastructure for the world

Goterra has developed a waste management infrastructure that is designed to solve the food waste crisis. The company's infrastructure is a modular, autonomous insect farm that converts food waste into sustainable protein and fertilizer. It enables farmers to have a high-value, low-impact and organic food source that puts nutrients back into the food chain.



The world is changing drastically, and we need innovative solutions to reduce greenhouse gas emissions. We waste one-third of all the food we produce, which generates more than 3X the GhG emissions of the airline industry and equates to one-quarter of all emissions globally. But food waste management hasn't changed much for centuries. We continue to pick up small loads and drive them long distances to capital-intensive locations such as landfills. Globally, we're spending USD1-trillion annually to manage food waste. This has to change.

Goterra's innovation is a autonomous robotic system where inside insects manage food waste. The system allows Goterra to deliver food waste infrastructure as a fee for service, in addition to creating protein and fertilizer that can be returned to the agricultural supply chain. In the past two years and 11 months, we have changed the lives of a million people and prevented five million tons of CO2 emissions."

Olympia Yarger

Founder & Chief Executive Office , Goterra

Website: <https://goterra.com.au/>



Brazil Winner



Techtrials International

At the crossroad of the information age in healthcare

Techtrials' cloud-based analytics platform is able to deliver clinical and strategic insights across the healthcare industry. The platform has proprietary technologies that aggregate anonymized patient data mapped against all diseases, providing valuable insights for making faster critical decisions.



We are using data science and artificial intelligences to understand what is happening in healthcare and to help patients live better lives. The platform allows us to analyze COVID-19 vaccines that are being developed in Brazil to determine their efficacy and safety. And the technology was presented to the World Health Organization regarding the efficacy of the first and second boosters, for example.

We also created a situation room for states and health authorities to analyze metrics related to patient risk, hospital performance and potential outbreaks for infectious diseases. The global market for health analytics is expected to grow to USD97 billion by 2030 and we are bringing our technology to countries across the world."

Doug Valverde

Chief Executive Officer & President, Techtrials International

Website: <https://ttrials.com/en/>



● Canada Winner



SmartONE Solutions Inc.

Taking the smart home one step further

A smart community is a place where residents not only have connected convenience at home, but also simplicity that extends to the world around them. SmartONE Solutions has developed a platform for multiple-unit properties where building managers and residents alike benefit from a dedicated network that links everything together. The platform is a launchpad for continued innovation that integrates smart home and community features together over a common network that drive operational efficiencies, address societal challenges, and promote better living experiences.



We partner with large telecommunication companies and provide them with a smart-communities solution that they are able to bundle with their internet offering. It allows them to differentiate their product offering, to capture market share and create a pathway for additional service revenue.

We take building network and connect all the homes together with a local a data capture server that identifies the time and date of everything that is happening in each home and in the building. Machine Learning and AI are applied to these data sets to create solutions to address the most pressing social issues of security, sustainability, and caring for an aging population. Every home receives a wall pad with a full smart-home experience, and community-based services that makes living safe, secure, and convenient.”

Ted Maulucci

Co-founder & President, SmartONE Solutions Inc.

Website: <https://smart-one.ca/>



● China Winner



Vision Medicals

Diagnostic techniques for infections

Founded in 2018, Vision Medicals focuses on the accurate diagnosis of infections. The company's technology is built on an AI diagnosis system for infectious diseases based on metagenomics, imageomics and EMR, and provides comprehensive clinical practice solutions for accurately diagnosing infections.



Over the past few years, Vision Medical has played an important role in public health, using our core technology to participate in the process of detection and identification of COVID-19.

In the future, we will continue to expand our business across the entire industry to maintain a leading position in the accurate diagnosis of infections."

Jingwen Bai

Website: <http://www.visionmedicals.com/>



Colombia Winner



SiembraCo

A new approach to agriculture that connects farmers directly with their customers

SiembraCo is the provider of virtual cultivation services intended to eliminate production barriers and promote smallholder farmers. The company offers a digital platform that connects consumers (whether individuals or companies) directly with small and medium agricultural producers through the entire production process — from sowing to harvest delivery — and eliminates the middle-man in the supply chain. The customer makes a digital request for a crop on the platform and it is assigned to a small-scale farm to sow, harvest and deliver to the customer for their own consumption, sale or donation.

The company controls and verifies that the agricultural production process is clean and efficient in real time, and uses bio inputs and applied technology to guarantee the quality and origin of the product planning platform for multiple-unit properties where building managers and residents alike benefit from a dedicated network that links everything together.



By 2050, there will only be enough food to feed half of the world's population. The lack of incentives and technology have created a lagging agriculture in Latin America. There are 2.5 billion smallholder farmers, and 80 percent of them earn less than \$2 dollars a day, while middlemen obtain as much as 320 percent more than the farmer receives. SiembraCo's mission is to maximize the benefits for both farmers and customers — to earn more for farmers and to lower the costs for consumers."

Camilo Ramos

Co-founder, SiembraCo

Website: <https://www.siembraco.com/>



● Denmark Winner



cphnano

Enhancing state-of-the-art laboratory analysis and diagnostic testing through next generation UV-Vis spectroscopy

cphnano is a labtech company that develops digital laboratory analysis and next-generation UV-Vis for the lab 4.0, and its laboratory analysis and diagnostics technology is designed to expand the functionality of existing entry-level laboratory equipment. The company is primarily engaged in the integration between innovative nanotechnology, IoT convenience and comprehensive digital services, which enables the end-user to accelerate life sciences research, solve complex analytical challenges, improve diagnostics and increase laboratory productivity by democratizing the access to next generation UV-Vis for LAB 4.0 through an easier, better and cheaper solution for everyone.



It is a global challenge to ensure that the water we drink, the food we eat and the products we all need are safe to consume. But currently technologies require expensive laboratory equipment and infrastructure along with highly skilled people to operate it. As a result, more than two billion people still lack access to tested drinking water at home. One of the big challenges of our time will be in maintaining safe and healthy living in all parts of the world without building complex laboratory infrastructure. Our technology doesn't require a large upfront investment, which makes cphnano an obvious choice for projects or experiments that require the use of more sophisticated methods than what many laboratories currently have available and for limited amounts of time."

Emil Hojlund-Nielsen

Chief Executive Office , cphnano

Website: <http://cphnano.com/>



Germany Winner



Reactive Robotics

Assistive robotics for accelerating patient mobility

Reactive Robotics is bringing very early mobilization therapy to patients who need it most, with a robotic assistance system for the mobilization of critically ill patients. VEMOTION helps patients and supports nurses as well as therapists and is the world's first robotics system for critical care.



An opinion leader in the US has described our system as a game-changer for 95 percent of all critical care units, where COVID-19 revealed them to be the bottleneck in hospitals. With an aging society and a global shortage of nursing care, releasing every patient from the hospital as quickly as possible has become a critical priority. That is possible through an intervention called early mobilization which has shown to reduce the length of stay of patients, while improving their recovery and saving money.

We have conceived the world's first AI-powered robotic system, which requires only one nurse and one robot, with AI that turns even a lay user into an expert. We have already treated thousands of patients across the world. We can disrupt the ICU in order to help patients recover better and more quickly. Doing this is one of the proudest moments of my adult life."

Dr. Alexander Konig

Founder & Chief Executive Office , Reactive Robotics

Website: <https://www.reactive-robotics.com/home/>



India Winner



Maithri Aquatech

Reinventing water access and purification

Maithri Aquatech has developed and manufactured water systems that are designed to ease the dependence on scarce water resources and provide water on a more sustainable basis. The company's technology is capable of generating clean, potable water from the air. No groundwater is needed, and no surface water is required, enabling carbon-free, water-positive solutions for consumers.



Water is an existential issue for the planet. Only 1 percent of fresh water is accessible for use, but water in the air is an infinite resource, and only 1 percent of it is sufficient to meet the needs of mankind. Water in the air is recycling 40 times per year through the natural process of evaporation and condensation.

Our game-changing innovation generates water at scale from air and providing an alternate source of water which is scalable — we can generate anything from 50 to millions of liters of water per day — and it is rapidly deployable because the machines can be plug-and-play and mobile. It is also economical because it just requires two cents to generate a liter of water, and it is predictable because it is generated on demand and is totally renewable.”

Pawan Wasant Borle

Co-founder & International Advisor, Maithri Aquatech

Website: <https://www.maithriaqua.com/>



● Ireland Winner



Provizio

Second runner-up in the 2022 KPMG Private Enterprise Global Tech Innovator Competition!

Enroute to a future world of zero road deaths

Provizio has developed a software-defined active safety platform — using proprietary long-range imaging sensors and AI on-the-edge — to perceive, predict and prevent automotive accidents in real time. The platform combines high-resolution, four-dimensional radar and vision on a graphics processing unit (GPU). It's highly scalable and less costly than other solutions currently in the market, making it possible to build the system into every vehicle.



Every 20 years or so, there's a revolution in automotive safety. Seat belts were introduced in the '80s. In 2000, an Israeli startup brought vision AI to the edge. But one thing that hasn't changed in 20 years is the driving problem. There are 1.35 million road deaths every year... 50 million people are maimed... at a \$2 trillion cost to the global economy. This is a global epidemic.

We thought autonomous vehicles might solve the problem. But autonomous vehicles are covered in very costly sensors and software that will never be ubiquitous. We brought together a team of aerospace and defence, automotive and robotics veterans to solve the driving problem, and 5-D perception has become the answer.

Barry Lunn

Founder & Chief Executive Office , Provizio

Website: <https://provizio.ai>



● Israel Winner



Connected Insurance

Smarter insurance for the sharing economy

The world is shifting from owning to renting/sharing such as car-sharing platforms, and lack of insurance is one of the major barriers because insurance models don't understand the sharing concept. Connected Insurance has developed an AI-based insurance platform designed to transform the way people consume insurance and to offer customized data-driven fleet insurance based on usage, cyber insurance, travel insurance and more.



The AI backbone of our insurance platform is a new way of managing short-term activities and allows us to predict the risks and assess the price in a much more accurate way. The current usage-based approach to insurance is 'one-price-fits-all'. We insure each transaction, based on its individual risk exposure by leveraging big data. That enables our clients to embed the price of insurance on their platform.

We have partnered with the most relevant digital and insurance platforms and are an official insurance entity for small- and medium-sized businesses that often fall under the radar of the large insurance carriers."

Yaron Zurr

Co-founder & Chief Commercial Office , Connected Insurance

Website: <https://connectedinsurance.ai/>



Japan Winner



FIMECS Inc.

First runner-up in the 2022 KPMG Private Enterprise Global Tech Innovator Competition!

Developing a new class of drugs to take aim at undruggable cancer targets

The human body is comprised of at least 19,613 proteins, 5,000 of which are related to specific diseases. However, only approximately 2,000 are considered to be druggable targets where drugs have been developed against them. The remainder are either 'difficult to drug' or 'yet to be drugged' using traditional approaches.

FIMECS is developing a new class of drugs based on targeted protein degradation for what are currently 'undruggable' targets in immuno-oncology and oncology areas. The company has discovered drug candidates for inducing the degradation of disease-relevant targeted proteins.



Many patients have exhausted the available therapies to overcome cancer because 66 percent of cancer proteins remain undruggable. Think of target protein as a keyhole and the drug molecule as the key. When you take a drug, the molecule binds to the target protein, and the key fits into the keyhole perfectly. Undruggable protein has a very shallow keyhole, so the key can't bind to the target protein and modulate it.

The solution is TPD — targeted protein degradation that can expand the range of treatable diseases by destroying the protein itself using the natural mechanism of protein degradation in our bodies. Our growth strategy is based on a targeted protein degradation discovery platform that will be a game-changer in increasing the availability of cancer treatments to more patients across the world."

Dr. Kanae Gamo

Co-founder & Chief Scientific Office , FIMECS Inc.

Website: <https://www.fimecs.com/eng>



Kuwait Winner



Bounce

An SaaS platform providing management and communication solutions for the early learning sector

Bounce connects pre-school administration, teachers and parents by “collaborizing” the early learning experience. Bounce provides preschool owners with features such as a smart dashboard, customized online payment solutions, media sharing and communication with parents via live updates, chat and daily reports. The app features offers preschools with 360 digital control of their operations and fully involves both parents in their child’s day.



Our mission is to collaborate on the early-learning experience. We’re a SaaS platform, with a mobile-first solution for educators. All their processes have been digitized into a mobile app that is accessible to parents. There is also a management dashboard, to support managers and administrators in managing their operations.

The early-learning industry is expected to reach USD480-billion by 2026, which is directly correlated with the number of women in the workforce and the need for pre-school and daycare facilities. We focus on behaviors that our users are accustomed to, such as social media and instant messaging, which makes it easy to adopt.”

Noor Boodai

Founder & Chief Executive Office , Bounce

Website: <https://hellobounce.com/>



Mexico Winner



Minu

Improving the financial health of Mexico's employees

Minu is a provider of unsecured micro-loan services that are intended to help improve the financial health of employees in Mexico. The company's services enable employees to gain access to their earned wages whenever needed, without having to wait for payday by working together with companies' human resource departments.



The lack of financial wellness in today's — especially in emerging markets — is worse than any pandemic. The alarming high level of financial stress, coupled with a debt-spiral that many people are trapped in, harms physical and mental health, and lowers the productivity of companies and countries. In Mexico, 80 percent of the population is living from paycheck to paycheck. That vulnerability translates to 30 percent of people applying for loans just to cover their living expenses. Our mission is to work alongside employers to improve the mental, physical and financial health of millions of workers.

Companies subscribe to our financial wellness platform which includes “pay on demand” that gives employees access to their earned wages whenever they need them, without having to wait for payday. Secondly, we promote opportunities for employees to save by offering high-interest-earning savings programs.”

Nima Pourshasb

Co-founder & Chief Executive Office , Minu

Website: <https://minu.mx/>



● Netherlands Winner



Whoppah

An internet treasure trove of design furniture and art

Whoppah has developed an online platform for buying and selling second-hand design furniture and art. The company's platform lists modern design furniture, vintage classics, and a diversity of art after personally verifying it. It also provides guaranteed safe trading, and offers convenience and courier service that collects and delivers, helping professional sellers to sell their products and private individuals to buy items they like.



It was our vision to create a way to make it super-easy for people to buy and sell second-hand design online. We have elevated second-hand design shopping by making it a seamless experience. Each item on our platform is curated, quality is guaranteed and is delivered to your door by our own courier service. People can store their items in our showroom in the Netherlands and the full sales process is outsourced. In a matter of minutes, people can create an ad and find the right audience for their item.

We are the first marketplace in the world where you can approve any item in your own room with automated 3-D models. Our dream is to change peoples' behavior, and to let people see that you don't need to buy 'new' because there are so many beautiful items already out there. By making buying and selling circular, we lengthen the lifespan of a piece of furniture from five years to 40 years. We want to make pre-owned designs and sustainable luxury worldwide."

Thomas Bunnik

Co-founder & Chief Executive Office , Whoppah

Website: <https://www.whoppah.com/about>



● Portugal Winner



Musiversal

Your music, beautifully crafted in real time

Musiversal's recording and collaboration platform turns artists' ideas into reality. It provides users with access to remote recording sessions that connect subscribers (music creators) with artists (session musicians, producers and audio engineers) to record their music and collaborate. With a strong internet connection, it allows users to stream high quality-video and studio-quality audio, which means that artists can record and produce music with anyone, from almost anywhere in the world.



Music inspires humanity to dream. It's for those reasons that millions of people have an innate desire to create music. Even if you don't think of yourself as a music creator, you probably are. But making music is out of reach for most people.

Introducing Musiversal where, from anywhere in the world, you can collaborate in real time with a world-class bassist in New York, a singer in London or a Grammy-winning producer in Rio while watching your own musical ideas come to life in a remote recording session. This is the future of music creation."

Xavier Jameson

Co-founder & Chief Executive Office , Musiversal

Website: <https://www.musiversal.com/>



● Qatar Winner



Avey

Empowering health through intelligent self-diagnostics and tailored health journeys

Avey is focused on empowering people with tailored health journeys where they can: (1) self-diagnose instantly with the most accurate AI diagnostic algorithm in the world; (2) connect with the right doctors physically or virtually; (3) order medicines and more with complete ease; and (4) commune with other health-conscious people.



People all over the world struggle with health issues and turn daily to the Web for help. Fifty percent of patients globally use search engines for self-diagnosis before going to an emergency room. But search engines are not diagnostic systems. However, AI self-diagnostic algorithms can diagnose patients instantly as long as they perform accurately.

Avey empowers patients with an accurate self-diagnostic algorithm that took 3.5 years of extensive R&D. It currently covers all the major body systems and was proven scientifically to be the most accurate in the world. The app was introduced one year ago, and has now been downloaded in 186 countries with a retention rate of more than 50 percent. It is an end-to-end solution that can provide patients with an entire healthcare journey.”

Dr. Mohammad Hammoud

Founder & Chief Executive Office , Avey

Website: <https://www.avey.ai/>



● Saudi Arabia Winner



OTO

The omni-channel, multi-carrier gateway

OTO's platform allows retailers and eCommerce brands to take control over their delivery operations, scale their businesses, and enhance their customer experience while adding value to its vast integrated network of regional and global shipping couriers and delivery companies. OTO sought to play a vital role in the retail industry and provide a solution of positive impact with one click from a single platform.



"We all are frustrated by late and expensive deliveries. Fifty-seven percent of online consumers expect their orders to be delivered within 24 hours, while 70 percent of online consumers abandon their shopping carts because of high shipping costs and delays.

The average number of failed deliveries is 25 percent, which is primarily the result of manual fulfillment and limited procurement options. OTO is here to solve this problem.

Our company is a cloud-based shipping gateway to help retailers ship, manage, track and return their online orders and packages directly from their physical stores, using a single dashboard and gain access to over 180 of the best shipping carriers."

Mohammad Al-Razaz

Co-founder & Chief Executive Office , OTO

Website: <https://www.tryoto.com/>



● South Africa Winner



iiDENTIFii

A technology platform that allows companies to biometrically authenticate the physical identities of customers

iiDENTIFii uses a frictionless and non-invasive automated process, that meets customer intelligence, risk and compliance goals. It also ticks all the boxes from a governance and legislative perspective by enabling consumers and businesses to identify and protect themselves against fraud.



The process starts with a selfie of the individual, which is then compared with the individual's identity documents as means of proving that the individual is who they say they are. The program was piloted in South Africa, and the entire end-to-end process is completed within 30 seconds.

The system has been integrated with Salesforce, Ping Identity and last year, we were Microsoft's software vendor of the year. Sixty percent of the top five largest banks in South Africa have now adopted iiDENTIFii's identity verification solution."

Lance Fanaroff

Co-founder & Chief Executive Office , iiDENTIFii

Website: <https://iidentifii.com>



Spain Winner



Cureety

Supporting patients, doctors and researchers in their fight against cancer

Cureety's digital solution aim to improve cancer patients' care pathways, makes life easier for healthcare teams and collects new data for researchers. It offers tools to assist professionals in modulating cancer patients' treatments, while collecting real-world data that can improve follow-up care and contributes to cancer treatment research programs.



Our mission is to improve the daily lives of cancer patients and advancing medical research through the power of real-world data. Treatments and therapies have improved the overall survival rates, but they have also resulted in new concerns in the healthcare system. People feel isolated and are looking for more information on their specific disease and treatment.

Hospitals are understaffed and staff are overloaded and there is generally a lack of information about how these new treatments are being used in real-life settings. There is a need to gather more information directly from patients to build value-based healthcare, which is why we have built this best-in-class data collection platform to meet the needs of patients and further cancer research."

Pau Garcia

Country Manager, Cureety

Website: <https://www.cureety.com/en>



Taiwan Winner



Ganzin Technology Inc.

Eyes on the extended reality world

Ganzin is the creator of the next generation of eye tracking modules. The small, light and ultra-efficient next-generation eye tracking module can be integrated easily into AR/VR and help to unlock the potential of the eye as a seamless interface into the extended reality world.



We are a collection of top electrical engineering minds, balanced out by experienced industry professionals from top global IT brands as well as leading experts in human behavior psychology. We're focused on creating impactful solutions in the field of eye-tracking. And for users, this is a way to achieve the most immersive and intuitive experience of the digital world in minimal time.

We believe that eye tracking will become the building component for all AR/VR through the use of AI technology, and Ganzin's technology is eye tracking for the masses, and the most practical, easy-to-use solution for everyone."

Shao-yi Chien

Founder & Chief Executive Office , Ganzin Technology Inc.

Website: <https://ganzin.com/>



● United States Winner



Alkymi

Turning operational data headaches into a source of efficiency

Alkymi's software is designed to break the unstructured data logjam, freeing up data from emails and documents to drive real-time decisions and action. It places machine-learning and automation in the hands of business users, and turns an operational headache into a source of efficiency and insight that can accelerate decision-making, improve customer satisfaction, and empower employees to focus on higher value, rewarding work.



Existing solutions to clear this data logjam have been very expensive and not designed to allow business users to take control and automate their own workflow. Employees are spending an average of six hours per week — almost a full work day — on manual, repetitive tasks, which is what we're automating.

We're capturing all the data, transforming it and triggering a business action. We call it the business action layer, and it's about getting the data into the system where it can service the customer better and generate a faster insight or business decision."

Harald Collet

Co-founder & Chief Executive Office , Alkymi

Website: <https://www.alkymi.io/>





The finalists

Tech entrepreneurs from 22 countries competed for the KPMG Private Enterprise GlobalTech Innovator title. These are the leading tech innovators who made it to the final round in their country or jurisdiction and pitched their innovations to a panel of local and global industry professionals.



Africa

- Chekkit
- Churpy Limited
- iiDentifi
- Kaoshi
- Lendsqr
- MarketForce
- Paymenow
- Troygold
- Wowzi
- Xetova

Australia

- Farmbot
- LabFlow
- Veyor
- GoTerra
- Relevance AI

Brazil

- Unike Technologies
- trace financ
- tato
- DOC4DOC
- Mimo
- Alana
- Sustainable Development & Water for All
- TechTrials
- Divi.hub

Canada

- APPOLLO Insurance
- Copperstone Technologies Ltd.

China

- BETH Bioinformatics
- Cellomics
- MixCare Health
- Nosecare Technology
- BRIdata
- Dongan
- HashSTACS
- Yuanbao Tech

Colombia

- AGRO GO
- AYCI SAS BIC
- DENARIO
- Finaktiva SAS
- HuellaBank
- Ingenieria Servicios y Desarrollos
- Inverti
- Juancho Te Presta
- ProductividApp SAS (muraby)
- Sekure
- Sunny App S.A.S.

Denmark

- WeBrick
- Klimate
- AdPlenty

Germany

- Elucidate
- Sastrify
- Reactive Robotics
- Hello Better
- Inolares GmbH & Co.KG

India

- FinBox
- Faclon Labs
- UptimeAI Tech Pvt. Ltd
- AGNEXT
- TeamStreamz India Pvt. Ltd
- Super AI
- Increff
- Yugasa Software Labs Pvt. Ltd
- Skilancer Solar Private Limited
- The Hi-Tech Robotics Systemz Ltd
- Maithri Aquatech
- Helios IOT Systems Pvt. Ltd
- LC Adroit Vantage

Ireland

- Akara
- Angoka
- Bio Simulytics
- RquiTrace
- Kinzen
- Offr
- Provizio
- Zoan Biomed

Israel

- Bagel
- Allyable
- RoadSense
- Silib
- Arti.AR
- Connected Insurance
- CorrActions
- Pickey Solutions Ltd.

Japan

- Fimecs
- Heartseeds
- Oui Inc
- Power Spin
- Kyoto Fusion Engineering



Kuwait

- AZ ewallet Co
- Bounce
- Hotels100 Co
- LamerTech
- Maxbit
- Raha
- RSA Ltd
- Sparts
- Vinco
- Zemmz Play

Mexico

- Minu
- Mendel
- Reworth
- Vinco

Netherlands

- Moonback
- Shoefitr
- Workwie
- mintBlue
- BIYU
- Meds2go
- Dynaxion
- Carepay
- Lynn Legal
- Whoppah

Portugal

- Imburse
- Managing the Intelligence
- Neko Solutions
- Musiversal
- Eruditegreeen
- Dckrobot

Qatar

- sKora
- At-home-Doc
- Rimads OSTP LLC
- SponixTech

Saudi Arabia

- Autobia
- COFE
- UDAWI
- OTO
- Qawafel
- Ramafarm
- iBoat

Spain

- Plexigrid
- CUREETY SAS
- VELTIS RATING
- AR VISION 2049 S.L.
- ALLREAD MACHINE LEARNING TECHNOLOGIES S.L.
- Alén Space
- Zinkee
- GeniallyWeb, SL
- Secret Aligner SL
- FREGATA SPACE

Taiwan

- Ganzin Technology
- Canner Inc.
- Lydia Ai
- Labfront
- KiWi New Energy Inc.
- Oakmega
- Avalanche Computing Taiwan Inc.
- DeepMentor Inc.
- ASTOP CO Ltd (Tasteme)
- YOUUXI DIGITAL Co. Ltd

UK

- Curvalux UK
- Eatron Technologies
- HiiROC
- Hoptroff
- Inovus Medical
- Integrated Graphene
- Magway
- Nanoplexus
- Naturbeads
- Novosound
- Pockit Diagnostics
- ViridiCO2

US

- AGORUS
- Alkymi
- Autio
- DRESSX
- GoGoGuest
- LeapXpert
- Livindi
- orthobrain
- Piestro
- Radicle Science



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