

ANNUAL REPORT 2022

FUNDING, KICKING, AND EXECUTING

In 2022, Venture Kick celebrated its 15th anniversary, making it an especially noteworthy year. While a video series showcased 15 global challenges tackled by Venture Kick alumni, a special magazine, titled "15 Years of Kicking Forward Swiss Innovation", was launched at the anniversary event in November. Both the magazine and the annual report illustrate the considerable impact of our initiative:

Since its launch in 2007, Venture Kick has funded 931 startup projects from Swiss Universities with seed capital of over CHF 45 million, which have generated more than CHF 6.7 billion in follow-on financing and created close to 12,000 new jobs. The initial "kick" from Venture Kick was instrumental in the early days of these startups.

Venture Kick's remarkable track record is based on three pillars: "Funding," "Kicking," and "Executing."

FUNDING

Venture Kick would not be possible without donors who have been closing the gap in early-risk financing with substantial contributions since 2007. Venture Kick owes its growth and success to the commitment of the following partners: Gebert Rüt Stiftung, Avina Stiftung, Opo-Stiftung, Ernst Göhner Stiftung, Fondation Pro Techno, Fondation Lombard Odier, Hauser-Stiftung, Rising Tide Foundation, André Hoffmann, Hansjörg Wyss, Martin Häfner, Igor Fisch, Climate-Kic, ESA BIC Switzerland, Debiopharm, Engagement Migros, and Swisscom.

KICKING

While the expertise and efficiency of the management team guarantee the smooth operation of the program, the Venture Kick jury is an equally vital factor in the initiative's success. Encompassing 150 members, it is responsible for successfully selecting the startups that will be "kicked" to the next level – transforming scientists into entrepreneurs and innovation into business.

EXECUTING

At the heart of the Venture Kick program, are the startups and their founders, who choose to leave their comfort zone to meet new challenges: If selected, they move from classrooms and research laboratories to a competitive, entrepreneurial environment in which they must take decisive steps to build a viable business – with our support.

What makes Venture Kick a success is a shared goal of kicking forward Swiss innovation for the benefit of Switzerland's economy and society.

P. Vonmont

Dr. Pascale Vonmont
Strategy Board, Venture Kick
CEO, Gebert Rüt Stiftung

Suzanne Avedik

Dr. Suzanne Avedik
Strategy Board, Venture Kick
Delegierte, Ernst Göhner Stiftung



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VENTURES KICK OFFICES

Venture Kick
c/o Venturelab, startup space
Miesstrasse 10a, CH-8952 Schlieren - Zürich
+41 (0)71 242 98 88

Venture Kick
c/o Venturelab, EPFL Innovation Park
Building C, CH-1015 Lausanne
+41 (0)21 533 09 80

Kick Foundation, Fond Venture Kick
Haus der Stiftungen
St. Alban-Vorstadt 5, CH-4052 Basel

HIGHLIGHTS 2022

It is undeniable that geopolitical circumstances and the resulting economic instabilities had a significant impact on the startup ecosystem. Nevertheless, the total amount invested in Swiss startups this year exceeded last year's, and our Kickers continued to impress in 2022: they reached significant milestones, raising funds, creating partnerships, and winning awards to advance the development and deployment of disruptive and urgently-needed innovations.

To read about the investments our Kickers attracted in 2022 in more detail, consult: www.venturekick.ch/newsroom.

RAISING ROUNDS OF CHF 10+ MILLION



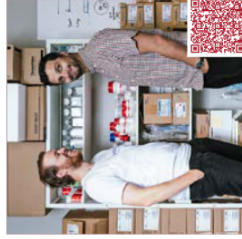
Climeworks (CHF 600M)
Having established itself as a pioneer in direct air capture (DAC), Climeworks attracted CHF 600 million in equity funding from leading infrastructure and technology investors. The funding paves the way to scaling DAC up to multi-million-ton capacity with large-scale facilities as carbon removal becomes a trillion-dollar market.





Scandit (USD 150M)
Scandit, the global leader in smart data capture, has completed a Series D funding round of USD 150 million at a company valuation in excess of USD 1 billion. Since its Series C funding round in May 2020, the company has more than doubled its annual recurring revenue and now has over 1700 global customers, including American Eagle Outfitters, Carrefour, FedEx, Levi Strauss & Co., Yamato Transport, and Sephora.




Bcomp (CHF 32M)
Convincing investors with its proprietary reinforcement technologies, the cleantech and material engineering innovator secured CHF 32 million in a Series B funding round. Venture capital from the automotive, aerospace, mobility, impact, and finance sectors allows the scaling of the Bcomps technologies for the integration of road-homologated cars.

HAYA THERAPEUTICS (USD 25M)
HAYA Therapeutics, a pioneer in novel therapies for fibrotic diseases, closed a USD 25 million seed round and established a location laboratory space at JLABS in San Diego, part of Johnson & Johnson Innovation's global network of life science incubators.




BioVersys (CHF 24.2M)
The pharmaceutical innovator battling antimicrobial resistance (AMR) obtained CHF 24.2 million in an oversubscribed Series C financing round. With AMR becoming an increasingly pressing issue in healthcare, the funding allows the company to boost its development of impactful medical solutions.




Araris Biotech (USD 24M)
With the development of its proprietary linker technology for antibody-drug conjugates (ADC) Araris is addressing an unmet need in medicine and convincing investors: in October, the company announced that it secured USD 24 million in a new financing round.



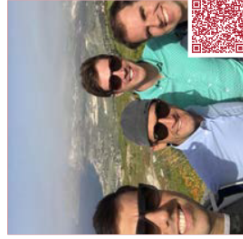

MindMaze (USD 105M)
A leader in the digital neurotherapeutics market, MindMaze secured USD 105 million this year, allowing the company to boost its R&D, consolidate its clinical development pipeline, and expand its commercial footprint in the US. MindMaze also announced a partnership with the American Hospital Association, made possible by new investor Concord Health Partners.





Distalmotion (USD 90M)
After successfully completing the first clinical test cases with its surgical robot Dexter, Distalmotion closed a Series E financing round with USD 90 million. The funds will go towards the global commercialization of the surgical robot as the company is working with European medical institutions and the US FDA to work out guidelines and training protocols for robotic surgery.




Planted (CHF 70M)
The ETH spinoff planted closed a Series B funding round with USD 70 million. Having convinced consumers with its alternative protein products, the fastest-growing food-tech startup in Europe is planning to use the funds to launch its Whole Cuts product line, while increasing its production capacity and expansion.

Beekeeper (USD 50M)
In November, Beekeeper announced the closing of a Series C financing round with USD 50 million. The funding allows the ETH spinoff to expand its SaaS product package - the Frontline Success System - which is already being used by companies in 150 countries and boosting the digitization of frontline jobs in sectors like hospital-ity, nursing, and retail.




Nanolive (USD 22.2M)
Nanolive closed a Series C funding round with USD 22.2 million and announced two high-profile appointments to the board of directors: Dr. Deborah Birx, an American physician and diplomat, and Victoria Wang, a biotech expert at Taiwan Capital. The company's digital live-cell analytical solution is revolutionizing the drug discovery workflow.




Altoida (USD 20.3M)
Innovating neurocognitive assessment technologies for the detection and treatment of diseases like Alzheimer's, Altoida attracted USD 20.3 million in a Series A funding round. The company is investing in accelerating its R&D of its platform, which leverages AI and AR to detect cognitive and functional changes more rapidly than possible with other methods.




Daphne Technology (CHF 7M)
Daphne Technology closed a Series B funding round with a total of CHF 7 million. The company, which focuses on the mitigation of harmful emissions of large vessels, has R&D facilities in Lausanne and Finburg. It also has subsidiaries in Norway and Sweden. Its range of analytics and emission reduction products includes Sul-Pure, PureMetrics, and SlipPure.




Flyability (CHF 15M)
Boasting customers like Cargill and Dow, Flyability raised CHF 15 million in a Series C funding round. The financial injection will go towards developing the sensory and autonomous capabilities of its Elos 3 drone model, which enables the monitoring of production assets and worker safety indoors.



RAISING CHF 3 TO CHF 10 MILLION



green TEG (CHF 10M)

The award-winning ETH spinoff develops, manufactures, and markets the thermal sensors. The financing secured in a recent round will be invested in R&D and production scaling.



vestr (CHF 10M)

The company will use the funds of its Series B to complete its clinical trials for antibiotic susceptibility testing (AST) and for market entry of its R&D device Phenotech Research.



Koa (USD 10M)

Investors contributed USD 10 million to a Series A equity round that will allow the Swiss-Ghanaian venture to scale its innovative upcycling of the cocoa fruit.



Scrona (USD 9.6M)

The startup is accelerating the energy transition by expanding solar energy for self-consumption. They issued bonds to finance Switzerland's largest decentralized solar power plant project.



Positrigo (CHF 5.5M)

The startup has developed the NeuroLF system, an ultra-compact and dedicated brain positron emission tomography (PET) system. The funding will help the startup bring this innovation to market.



ASPiVX (USD 5M)

The developer of non-traumatic neurological devices will use this Series A funding to not only boost R&D but also bring their product to market in Europe and the US.



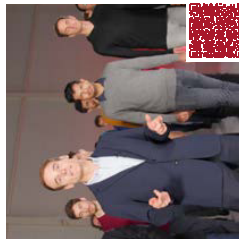
SmartHello (USD 5M)

The founder of the Y Combinator and a flurry of Swiss and American investors allow the startup to scale its proprietary IoT sensor and intelligent software improve the performance and lifespan of solar panels.



Insolight (CHF 4.85M)

Operating at the intersection of cleantech and agritech, Insolight plans to scale up the deployment and commercial rollout of its innovative solar installation, Insolagrinn.



Neural Concept (USD 9.1M)

The company will use the funds of its Series B to complete its clinical trials for antibiotic susceptibility testing (AST) and for market entry of its R&D device Phenotech Research.



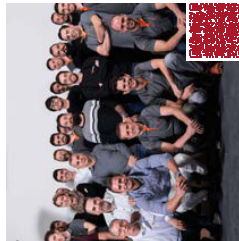
Resistell (CHF 8.5M)

The company will use the funds of its Series B to complete its clinical trials for antibiotic susceptibility testing (AST) and for market entry of its R&D device Phenotech Research.



hemotune (CHF 7.25M)

The Series B funding round will allow the startup to complete the preclinical development of Hemotune System, a breakthrough blood purification platform based on nano-engineered magnetic beads.



Younergy (CHF 7M)

The startup is accelerating the energy transition by expanding solar energy for self-consumption. They issued bonds to finance Switzerland's largest decentralized solar power plant project.



Inverse (CHF 4.5M)

In this pre-Series A round, the startup convinced investors with its voice and holographic content solutions, delivering volumetric content as efficiently as Zoom.



Invasight (CHF 4.5M)

Invasight closed an oversubscribed seed round with CHF 4.5 million. The funding gives a boost to the development of the company's anti-cancer cell invasion drug discovery accelerator, ACINDA.



matriq (CHF 4.2M)

The startup closed a late-stage seed round. Their proprietary Dyna-miCloud method integrates the marking of individual plastics parts with camera-readable 2D code in various forming processes.



b-rayZ (CHF 4M)

The startup's revolutionary AI-based platform helps radiologists with the early detection of breast cancer. The Series A funds will be used to tap other European markets and reach FDA approval in the US.



Zaphiro (CHF 6.4M)

The Series A funding will boost the commercialization and growth of its smart grid IoT software platform SynchroGuard in new geographies and markets.



Sleepiz (CHF 6.2M)

The Series A financing round will allow the ETH spinoff to launch its sleep apnea monitor in foreign markets, after getting FDA approval in the US in July and joining the American Telehealth Association in October.



Scalyte (CHF 6M)

Developing biomarker detection and analysis, Scalyte garnered CHF 6 million in a Series A funding round, allowing the company to develop its single-cell analytics platform, ScaVision.



Flybotix (CHF 5.5M)

Specializing in confined space inspection drones, the company works towards making industrial spaces safer. They will invest in further R&D of its ASIO drone as well as the accompanying software.



Botneuro (CHF 4M)

The startup developing a non-invasive, home-based treatment for Alzheimer's patients, closed the first tranche of the next round, bringing its total capital raised in 2022 to CHF 4 million.



Artiria Medical (CHF 3.8M)

The startup secured a CHF 2.7 million EIC Accelerator grant and CHF 1.1 million in financing to boost the development of its revolutionary neurovascular guiding system for the treatment of strokes.



Lumendo (CHF 3.5M)

Aiming to revolutionizing and simplifying complicated endodontic procedures, the medtech startup raised CHF 3.5 million in an oversubscribed seed round.



Medical Templates (CHF 3M)

The interventional radiology innovator closed a CHF 3 million seed round to begin commercialization of its patented Cube Navigation System in Europe and secure FDA approval for the US market.

RAISING CHF 2 TO 3 MILLION



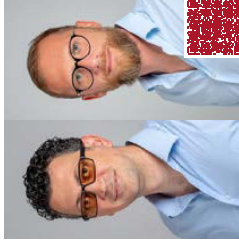
Scewo (CHF 3M)
The maker of the stair-climbing electric wheelchair, **BRO** got CHF 3 million from new investors. The medtech company can now focus on expanding its international distribution network.



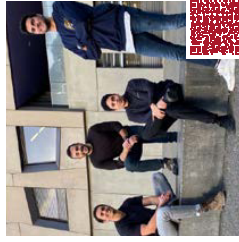
Neurosoft Bioelectronics (USD 3M)
The funds will help the EPFL spin-off to forge ahead in the medical implants niche and boost the development of its SOFT ECoG™ and SOFT TINNI™ products.



Oxyle (USD 3M)
This pre-seed funding allows Oxyle to bring its solution for the removal of microplastics from wastewater to market, which could make a significant contribution to the fight against the clean water crisis.



Qualysense (USD 2.5M)
The developer of high-speed robotic analytics solutions for seeds, grains, and beans secured USD 2.5 million, allowing it to boost its expansion in the US.



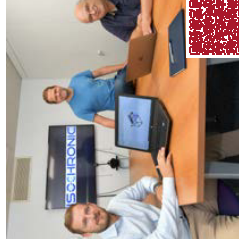
Adapty Biosystems (USD 2.5M)
Focusing on high-throughput protein synthesis and screening, the startup is building a next-gen protein engineering platform. This pre-seed round will get the startup one step closer to that goal.



flowbone (CHF 2.1M)
The EPFL spinoff working on regenerative nanomedical treatments for bone diseases raised CHF 2.1 in a pre-seed round. flowbone also aims to decrease the incidence of osteoporotic hip fractures.



TYXIT (CHF 2M)
Used in musical performances and gaming, TYXIT's technology will showcase at the Montreux Jazz Festival and the Jazz à Vienne Festival in July. It also picked up traction in the eSports segment.

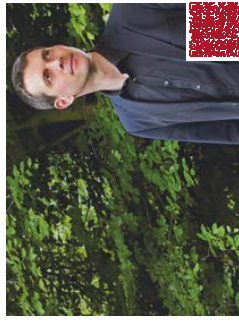


Isochronic (CHF 2M)
Isochronic closed CHF 2 million seed round to develop industrial robots for pick-and-place applications. The funds will be used for product development as well as the first industrial installations based on Isochronic's technology.

EXITS



Depsys acquired by UK Energy Group
Grid-optimization specialist Depsys was acquired by Kraken, which is part of the Octopus Energy Group in the UK. Kraken will integrate Depsys' GridEye technology platform which provides analytics, data, and real-time monitoring, including fault management, power Dependency, and power flow modeling.



routeRank acquired by Netceera Group
As part of the strategic merger, the two companies will provide IT solutions for multimodal mobility worldwide. Founded in 2006, routeRANK provides multimodal mobility portals as an IT service. Unlike other solutions, they address the entire door-to-door route by integrating all relevant modes of transport and their many multimodal combinations.



Versantis acquired by GENFIT
The ETH spinoff was acquired by GENFIT, a late-stage biopharmaceutical company also dedicated to improving the lives of patients with severe chronic liver diseases. GENFIT has entered into an exclusivity agreement with a view to acquire all the share capital and voting rights.



FGen acquired by Ginkgo Bioworks
FGen has developed an ultra-high-throughput (uHT) screening platform built on nanoliter reactor technology. Ginkgo believes that FGen's technology will significantly enhance Ginkgo's cell screening capabilities and enable Ginkgo to explore wider expanses of genetic opportunity space, increasing the likelihood of finding enzymes, pathways, and strains.



CTSystems acquired by Datwyler
Datwyler, a specialist in system-critical elastomer components, is strengthening its position for the innovative future technology of electroactive polymers. To do so, it has obtained several patents with the acquisition of the Swiss startup CTSystems. The parties have agreed not to disclose the performance-based purchase price.



Industrielle Werke Basel acquires Symphony stake
Utility company Industrielle Werke Basel (IWB) has announced its investment in the cleantech startup. IWB is taking over 30 percent of the Symphony shares. The fresh capital will be used in particular to develop the energy planning software further.

RAISING CHF 2 MILLION AND LESS

SollHytec secured CHF 2 million seed funding from Fund for Sustainability and Energy. **Adiposs** raised CHF 1.8 million to start clinical trials and product industrialization. **OYOMIND** completed a fundraising round raising total investments to USD 1.6 million to progress on its path to revolutionize gaming. **Akina** received CHF 1.6 million in pre-seed capital to develop its medical software. **InfraScreen** secured USD 1.5 million to advance carbon neutrality for greenhouses. **Cultivated Biosciences** raised USD 1.5 million pre-seed to start product development of its innovative animal-free food. **Swiss Ocean Tech** closed pre-series A financing round of CHF 1.5 million to make anchoring safer. **Voltiris** raised CHF 1.4 million to help greenhouses to reduce carbon footprint. **Tasar** reached EUR 1.4 million in crowdfunding campaign to create resilient food supply chains. **WatAnyWhere** closed a CHF 1.3 million pre-seed funding round to convert renewable ethanol into clean electricity. **Edtech** startup Taskbase raised CHF 1.3 million to strengthen international partnerships. **INERGIO** closed CHF 1.25 million pre-seed financing round. **Vatorex** raised CHF 1.1 million in funds to expand its beekeeping technology in international markets. **Alitheo Genomics** raised CHF 1 million in seed financing round to enable scale-up of unique RNA sequencing technology. **VIENSE** raised CHF 750,000 for enabling industrial manufacturers to improve underperforming industrial machines.

UNDISCLOSED FUNDING ROUNDS

Exnaton secured millions in funding from Silicon Valley and Switzerland to drive renewable energy transition. **Volumina Medical** closed its Series A funding to further develop its lead product Adiplear. **RigifTech** closed an undisclosed seed round to accelerate their drone delivery network deployments. Agrotech startup **Aero 41** raised seed funding to realise expansion plans. **Fixposition** providing global high-precision positioning solutions got seed extension round with new investors. Legaltch startup **CASUS** raised a pre-seed round to optimize the creation of contracts at scale. BLKB supported St.Gallen FinTech **Kaspar&Plastogaz** received strategic investment from Dow to simplify plastic waste-to-feedstock process.

INDUSTRY DEALS

ZippSAFE, which is revolutionizing the locker and storage industry, entered into a partnership with Unorthodox Ventures, which will support the startup with its expansion in the US market.
Exnaton and energy service provider CKW entered into a collaboration after CEO Liliane Ableitner and business innovation lead Andreas Uthmann participated in a Scale up Bootcamp, which was aimed at startups advancing sustainability, circular economy, and cleantech.
EraCal, which developed a drug discovery platform enabling large-scale in vivo drug discovery in zebrafish, announced that it entered into a research partnership with Danish pharmaceutical company Novo Nordisk.

Check more fundraising news on www.venturekick.ch/newsroom



A KICKERS' WORLD THE WEBSERIES THAT INVITES YOU TO THE FOUNDERS' PREMISES

Meet some of the successful founders who won Venture Kick, and get to know their innovation, team and work environment better. Scan the QR-code to watch their interviews, or check the Kickers World playlist with all episodes.

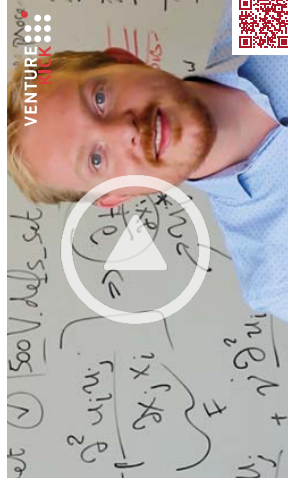
AVELO
MAKING EVERY BREATH COUNT FOR BETTER RESPIRATORY DISEASE DIAGNOSES



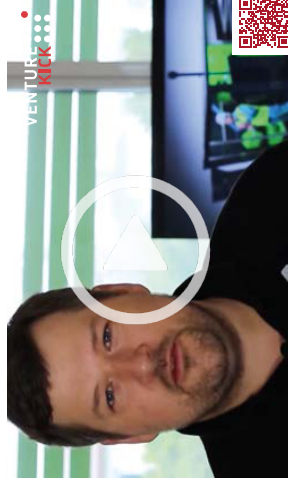
ALMER TECHNOLOGIES
AUGMENTED REALITY GLASSES FOR REMOTE INDUSTRIAL MONITORING



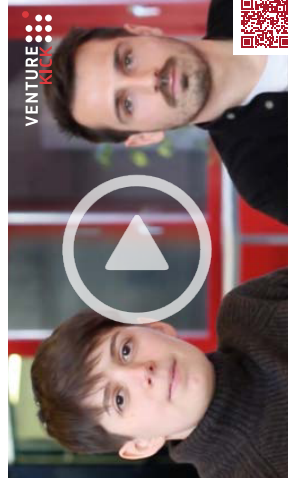
CORINTIS
ENABLING THE COMPUTING OF TOMORROW WITH IN CHIP COOLING



COMPOSITE RECYCLING
CLOSING THE LOOP ON COMPOSITE MATERIALS



SOLAXER
SUPPLYING RECEIVERS FOR SOLAR HEAT-POWERED INDUSTRIES

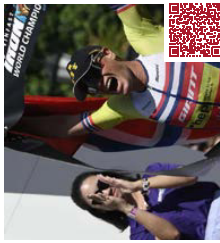


SIGHTIN HEALTH
MAKING PORTABLE ULTRASOUND MACHINES MORE ACCESSIBLE

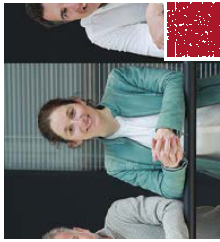


AWARDS & WORLD-RECORDS

Venture Kick alumni regularly contribute to world premieres, winning global awards and making headlines. Here is a short selection.



greenTEG
greenTEG's CORE technology enabled two world-class achievements in one day: cyclist Filippo Ganna set a new UCI Hour Record in Grenchen, while triathlete Gustav Iden set a new running record at the Ironman World Championship in Kona, Hawaii.



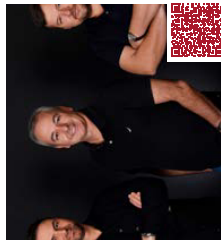
flovbone
flovbone received the Healthy Longevity 2022 QuickFire Challenge from the National Academy of Medicine. In May, researchers from the EPFL and ETHZ joined flovbone for a two-year research project funded by Innosuisse with a grant of CHF 1.2 million.



DeepJudge
Winner in the "Early Stage Startup of the Year" at the Swiss Fin-tech Award, the company received CHF 48,000. DeepJudge offers a next-generation AI-powered contract-sensitive legal document processing platform for law firms, courts and legal departments.



Daphne Technology
The startup wins the inaugural Ocean Solutions Award at Nor-Shipping 2022. The new accolade was awarded in front of an audience of 1000 C-level executives at Nor-Shipping's Open Leadership Conference.



Composite Recycling
Composite Recycling is the winner of the MassChallenge Switzerland Award held in Lausanne and giving visibility to startups also in the US. Composite Recycling cashing the CHF 100k Diamond Award Big Prize.



Sevensesense and Limula
Sevensesense and Limula win Swiss Technology Award 2022. Limula has set itself the task of helping personalized cancer therapy achieve a break-through, while Sevensesense Robotics wants to make delivery robots autonomous.



Nanolive
Nanolive founder wins 'EY Entrepreneur of Year' Award, category Emerging Entrepreneurs. Nanolive offers a globally unique technology to observe living cells in 3D without destructive dyes, which is revolutionary for research.



Aspivix
Aspivix won the IF DESIGN AWARD 2022 in the Category Medicine/Health. Based on in-depth research with gynecologists, midwives and patients, Aspivix designed Carevix, an innovative medical device to replace the standard tenaculum.



Alveolix
Alveolix received the Swiss Med-tech Award worth CHF 75,000. Alveolix has recreated the human lung, including breathing movements, on a small scale. This enables a reduction in animal testing and represents an important step towards personalized medicine.



Apiax
Apiax is among the three winners of the WealthBriefing Swiss Awards 2022, recognising outstanding organisations and individuals in the global private banking, wealth management and trusted advisor communities for their achievement, performance and innovation.

52 VENTURE KICKERS

AMONG THE TOP 100 SWISS STARTUPS 2022

<p>2 PLANTED FOODS www.planted.com Sustainable, healthy and cruelty-free plant-based meat. START VENTURE KICK SUPPORT IN 2.5.19</p>		<p>10 DAPHNE TECHNOLOGY www.daphnetechology.com Technology platform to reduce emissions from all fuels, minimizing both air- and sea pollution for the maritime industry. START VENTURE KICK SUPPORT IN 28.2.17</p>		<p>88 CORRENTICS www.correntics.com Climate-risk analytics for global supply chains. START VENTURE KICK SUPPORT IN 18.1.22</p>
<p>4 CUTIS www.cutisswiss.com The first automate-produced, personalized skin tissue therapy to treat patients that suffer from large and deep skin defects. START VENTURE KICK SUPPORT IN 11.8.15</p>		<p>12 RESISTELL www.resistell.com The world's fastest antibiogram saving lives by finding the right antibiotic on time. START VENTURE KICK SUPPORT IN 30.1.18</p>		<p>90 MATRIO www.matriq.ch A technology for marking plastic components directly inside the primary forming process with an individual and unique watermark code. START VENTURE KICK SUPPORT IN 19.5.20</p>
<p>5 CREAL www.creal.com A novel smart eyewear display for true optical depth in virtual and augmented reality for a seamless fusion of real and virtual objects. START VENTURE KICK SUPPORT IN 20.6.17</p>		<p>15 VOLUMINA MEDICAL www.volumina-medical.ch Innovative tissue reconstruction technology enabling minimally invasive repair of 3D soft tissues in reconstructive and plastic surgery. START VENTURE KICK SUPPORT IN 4.9.17</p>		<p>72 NEXTIMUNE www.nextimune.com Novel therapy for autoimmunity and organ transplantation. START VENTURE KICK SUPPORT IN 8.6.21</p>
<p>8 HAVA THERAPEUTICS www.havayx.com Translating long noncoding RNA discoveries into breakthrough therapies to monitor and treat patients with debilitating diseases caused by fibrosis. START VENTURE KICK SUPPORT IN 3.10.17</p>		<p>16 NEURAL CONCEPT www.neuralconcept.com The first 3D deep learning software dedicated to computer-assisted engineering and design. START VENTURE KICK SUPPORT IN 12.6.18</p>		<p>73 NEUROSOFT BIOELECTRONICS www.neurosoft-bio.com Soft implantable electrodes for the treatment of neurological disorders. START VENTURE KICK SUPPORT IN 28.1.20</p>
<p>9 BLOOM BIORENEWABLES www.bloombiorenewables.com A next-generation, high-yield, green hydrogen native to petroleum in current products. START VENTURE KICK SUPPORT IN 26.4.19</p>		<p>19 ARARIS BIOTECH www.ararisbiotech.com A next-generation, high-yield, green hydrogen native to petroleum in current products. START VENTURE KICK SUPPORT IN 10.7.18</p>		<p>74 PLASTOGAZ www.plastogaz.com A unique advanced plastic recycling technology that transforms plastic waste back into virgin quality plastics. START VENTURE KICK SUPPORT IN 9.7.19</p>
<p>21 AGROSUSTAIN www.agrosustain.ch Biological fungicides that harness the power of nature to enhance the quality of fruits and vegetables. START VENTURE KICK SUPPORT IN 8.8.17</p>		<p>42 ARCOSCREEN www.arcoscreen.ch Screening patients cells to improve drug discovery. START VENTURE KICK SUPPORT IN 18.8.20</p>		<p>77 TERAPET www.terapet.ch The first medical device enabling doctors to remotely deliver proton dose inside the tumors of cancer patients. START VENTURE KICK SUPPORT IN 10.1.19</p>
<p>24 MANOLEO www.manoleo.com The future of health-monitoring textiles that allow the recording and monitoring of digital biomarkers. START VENTURE KICK SUPPORT IN 8.8.17</p>		<p>43 HEMOTUNE www.hemotune.ch Developing a revolutionary medical device for blood purification to provide the means to treat critically ill patients and save lives. START VENTURE KICK SUPPORT IN 5.7.16</p>		<p>78 SYNTHARA www.synthara.ch System-level solutions for businesses to enhance their products or services with smart features. START VENTURE KICK SUPPORT IN 26.4.18</p>
<p>26 VOLIRO www.voliro.com Advanced flying robots to perform inspection and maintenance tasks more safely, cost-effectively and faster. START VENTURE KICK SUPPORT IN 12.6.18</p>		<p>44 MICROCAPS www.microcaps.ch Microencapsulation with Swiss precision for pharmaceutical, biomedical, probiotic, and food markets. START VENTURE KICK SUPPORT IN 26.6.18</p>		<p>79 SYNENDOS THERAPEUTICS www.synendos.com A new class of small molecules for the treatment of anxiety and stress-related disorders. START VENTURE KICK SUPPORT IN 11.12.18</p>
<p>28 DEPOLY www.depoly.co Innovative technology that can recycle all PET plastic wastes regardless of their source by creating a sustainable circular economy. START VENTURE KICK SUPPORT IN 20.8.19</p>		<p>45 TUNE INSIGHT www.tuneinsight.com Data collaborations with federated confidential computing. START VENTURE KICK SUPPORT IN 22.6.21</p>		<p>80 EARLYSIGHT www.earlysight.com A high-performance eye measurement device enabling the early detection and monitoring of diseases affecting vision. START VENTURE KICK SUPPORT IN 10.3.20</p>
<p>29 ERACAL THERAPEUTICS www.eracal.ch Developing an efficacious and well-tolerated appetite suppressant to treat obesity and its comorbidities. START VENTURE KICK SUPPORT IN 20.3.18</p>		<p>46 ANNAIDA TECHNOLOGIES www.annaيدا.ch Magnetic resonance at the scale of a human embryo, enabling non-invasive viability screening. START VENTURE KICK SUPPORT IN 26.6.18</p>		<p>81 FLYBOTIX www.flybotix.com Revolutionary indoor inspection drone solution aiming to double the flight time. START VENTURE KICK SUPPORT IN 20.11.18</p>

SUPPORTED PROJECTS

BIOTECH

ARTEMIS BIOTECH – Václav Laurent, Centre hospitalier universitaire vaudois (CHUV), Drug delivery system to fight vessel stenosis.

AUKERA THERAPEUTICS – Ineseng Stefan University of Basel (UNIBAS), Keeping the cell's growth engine mTORC1 in check.

CULTIVATED BIOSCIENCES – Turner Tomas, University of Geneva (UNIGE), Production of dairy fats by microbial fermentation.

FIMMYCYTE – Shliah Mohamed, University Hospital of Zurich, An immunotherapy for endometriosis treatment.

FLUOSPHERA – Segala Gregory, University of Geneva (UNIGE), Predictive multi-tissue test systems for companies.

HEMETRON – Tamas Alexander, Swiss Federal Institute of Technology Zurich (ETH), Better treatments through accurate mobile health tests.

INKVIVO – Guzzi Elia, Swiss Federal Institute of Technology Zurich (ETH), Advanced drug delivery/inplants for tissue regeneration.

INSEET – Roura Padrosa David, University of Bern (UNIBE), Enzyme immobilization for green industrial production.

ISOSPEC ANALYTICS – Ben Faleh Ahmed, Swiss Federal Institute of Technology Lausanne (EPFL), Infrared fingerprinting for molecular biomarkers.

LUVA FOODS – Hagenbuch Flavio, Berner Fachhochschule (BFH), Smart processing for a world without wasted food resources.

MARACELLS – Zubovskiy Vitaliy, Centre Suisse de Electronique et de Microtechnique (CSEM), Optical sensors for bioprocess automation.

METALOAD THERAPEUTICS – Shoshan Michal, University of Zurich (UZH), Next-generation medications against metal poisoning.

NA GLOBAL – Gaillard Natacha, PSI Paul Scherrer Institute, Drug development against protozoan parasites.

NEUROPAT – Ni Ruqing, University of Zurich (UZH), Novel diagnostic imaging biomarker for Parkinson's disease.

NEXMR – Torres Félix, Swiss Federal Institute of Technology Zurich (ETH), NMR-based high throughput screening platform to support drug discovery.

NEXTIMUNE – Jayachandran Rajesh, University of Basel (UNIBAS), Novel Therapy for Autoimmunity and Organ Transplantation.

PHIPE THERAPEUTICS – Steiner Bettina, Swiss Federal Institute of Technology Zurich (ETH), B-specific Antibody as catalyst for stem cell transplant.

RECOLONY – Montalban-Arques Ana, University of Zurich (UZH), Bacteria-based oral therapy to treat colorectal cancer.

TANDEM THERAPEUTICS – Chabria Mamina, Swiss Federal Institute of Technology Zurich (ETH), Biological zip-codes targeting disease matrix.

CLEANTECH

AQUAERO – Müller Christoph, Fachhochschule Nordwestschweiz (FHNW), Green, clean and energy efficient industrial material drying.

BEYOND SCROLL – Mendoza Toledo Luis Carlos, Zurich Applied Sciences (ZHAW), Oil-free and adaptive scroll compressors for low pressure applications.

CATERRA – Barton Patrick, Swiss Federal Institute of Technology Zurich (ETH), Automating hand weeding in organic farming.

COMPOSITE RECYCLING – Anderson Mitchell, Swiss Federal Institute of Technology Lausanne (EPFL), Closing the loop on composite materials.

EIGHTINKS – Baade Paul, Swiss Federal Institute of Technology Zurich (ETH), Cost-effective production of solid state batteries.

EMISSION – Santecchia Alessio, Swiss Federal Institute of Technology Lausanne (EPFL), Tracking the environmental impact of electricity.

EVOLV – El Bouari Sami, Swiss Federal Institute of Technology Lausanne (EPFL), Turning old generation energy meters smart.

GAIA TECHNOLOGIES – Reinhard Claudio, Swiss Federal Institute of Technology Zurich (ETH), Treatment of agricultural sidestreams to high-value products.

GRABOWSKI – Denning Hans-Jörg, Zurich University of Applied Sciences (ZHAW), Smart drilling robot for geothermal energy.

INVERTO – Germann Jürg, Swiss Federal Institute of Technology Zurich (ETH), Mangrove planting using drones.

NEODOLY – Maroonian Anis, IMD Lausanne, Ammonia carbon-free energy vector for commercial transport.

RRREEFS – Prireund Ulrike, Swiss Federal Institute of Technology Zurich (ETH), Rebuilding degraded coral reefs with 3D-printed reef systems.

SOLAXER – Krammer Anna, Swiss Federal Institute of Technology Lausanne (EPFL), Supplier of receivers for solar heat powered processes.

VOLTIRIS – Roch Jonas, Swiss Federal Institute of Technology Lausanne (EPFL), Improving energetic efficiency of greenhouses.

WATTANYWHERE – Laybros Alexandre, HES-SO Valais-Wallis, Renewable energy for electric vehicles fast-charging.

ZURICH SOFT ROBOTICS – Kreuzer Gabriel, Swiss Federal Institute of Technology Zurich (ETH), Dynamic photovoltaic façade for energy-positive buildings.

ELECTRONICS, MECHANICS

A-METAL – Steiner Stephan, Swiss Federal Institute of Technology Zurich (ETH), Making metal 3D printing more accessible.

AWING – Sigurdthorodtir Hella, Centre Suisse de Electronique et de Microtechnique (CSEM), Increasing performance and training in Figure Skating thanks to a wearable technology.

ASCENTO – Morra Alessandro, Swiss Federal Institute of Technology Zurich (ETH), Autonomous outdoor security patrolling.

CASSIO-P – Delgoffe Antoine, Swiss Federal Institute of Technology Lausanne (EPFL), Designing and assembling photonics modules such as ultra compact femtosecond lasers.

CORINTIS – van Erp Remco, Swiss Federal Institute of Technology Lausanne (EPFL), Enabling the computing of tomorrow with in chip cooling.

CROPLED – Oberholzer Remo, Zurich University of Applied Sciences (ZHAW), Intelligent and adaptive lamp system for plant cultivation.

ELYTHOR – Youtis Harry, Swiss Federal Institute of Technology Zurich (ETH), Drones for inspecting and monitoring linear infrastructure.

FLOATING ROBOTICS – Faraji Salman, Swiss Federal Institute of Technology Zurich (ETH), Skilled robotic hand for automation in agriculture.

MINIWAVE TECHNOLOGIES – Khosrownejad Mostafa, Swiss Federal Institute of Technology Lausanne (EPFL), Miniaturization of passive microwave devices.

NAUTICA ROBOTICS – Portmann Cédric, Swiss Federal Institute of Technology Lausanne (EPFL), Swarm robotics for autonomous ship cleaning.

SAEKI ROBOTICS – Harder Oliver, Swiss Federal Institute of Technology Zurich (ETH), Automated hybrid digital fabrication solutions.

SENSIC – Camarda Massimo, PSI Paul Scherrer Institute, Radiation hard silicon carbide detectors for dose monitoring.

SOLIDWATTS – Aichele Markus, Conseil Européen pour la Recherche Nucléaire (CERN), High-efficiency electric heating solutions for industry.

SYNATURE – Staehli Olivier, Swiss Federal Institute of Technology Lausanne (EPFL), AI-based system that can audio detect wildlife in real-time.

INTERNET, MOBILE

ALMER TECHNOLOGIES – Beetschen, Sebastian, Swiss Federal Institute of Technology Zurich (ETH), Augmented reality (AR) glasses to increase worker productivity.

CLEARSKY EDGE AI – Flayac Hugo, Swiss Federal Institute of Technology Lausanne (EPFL), Personalized, private and proactive AI assistant.

ERUPT – Baumgartner Melanie, University of Fribourg (UNIFR), Pocket (psycho) therapy for erectile dysfunction.

MARK INVESTMENT HOLDING AG (SPLINT INVEST) – Perucca Aurelio, University of Basel (UNIBAS), Alternative investments accessible for everybody.

OPTIMARATIO – Kull Tobias, Swiss Federal Institute of Technology Zurich (ETH), E-Learning in diagnostic imaging.

SCHOOL REBOUND – Aseelbom Thibaut, Swiss Federal Institute of Technology Lausanne (EPFL), Mobile app for children with handwriting difficulties.

SIMON & JOSEF – Gaudart Raphaël, HES-SO Fribourg, Enhancing the guest experience at hotels through customization.

ZARIO – Fjellbakk Chiao Killian, University of Zurich (UZH), Helping people spend less time on their phones thanks to an AI coach.

MATERIALS, CHEMICALS

APHEROS – Carpenter Julia, Swiss Federal Institute of Technology Zurich (ETH), Provider of metal foam heat sinks and filters.

BOSIMO – Mostrou Soirira, Swiss Federal Institute of Technology Zurich (ETH), technology development for sustainable chemical production.

CAPT N GREENFIN – Unwiler Damian, University of St. Gallen (HSG), Innovating the sportfishing industry with sustainable fishing baits.

EVERINK – Charlet Alvaro, Swiss Federal Institute of Technology Lausanne (EPFL), Better textures for plant-based meat alternatives.

FEMT06 – Friebel Franz, Swiss Federal Institute of Technology Zurich (ETH), Next-level powder analysis by aerosol technology.

GALVENTA – Fritsche Sascha, University Hospital of Zurich, Reset your chronobiology clock to eliminate sleep inertia.

GROOM TECH – Sediva Zuzana, Swiss Federal Institute of Technology Zurich (ETH), From waste to hair, growing a more sustainable future.

IMPOSSIBLE MATERIALS – Schertel Lukas, University of Fribourg (UNIFR), Providing plant-based formulation ingredients for coloring applications.

OCELLA – Schreck Murielle, Swiss Federal Institute of Technology Zurich (ETH), Next generation heating of textiles.

TOSA SWISSTECH – Queloz Sawasne, Fachhochschule Nordwestschweiz (FHNW), Composite bipolar plates for fuel cells and electrolysis.

YUMAME FOODS – Zampogna Eliana, Zurich University of Applied Sciences (ZHAW), Sustainable plant-based food from fungi and fermentation.

MEDTECH

AI IN EPILEPSY AND SLEEP – Skorucak Jelena, University of Zurich (UZH), Intelligent system for epilepsy and sleep diagnostics.

AKINA – Haufe Florian, Swiss Federal Institute of Technology Zurich (ETH), Combination of physical therapy with the world of gaming.

AVELO – Arregger Mélanie, Zurich University of Applied Sciences (ZHAW), Primary care breath test for infectious lung diseases.

BREATHIE – Lumppe Thomas, Swiss Federal Institute of Technology Zurich (ETH), A low-cost ventilator for all.

COMPAGOS – Schädli Gian Nutsal, Swiss Federal Institute of Technology Zurich (ETH), Personalized diagnostics for bone health.

EVIVE – Yim Kevin Ho Wai, University of Zurich (UZH), Hacking the cellular messenger system.

MAVEN HEALTH – Wall Christopher, Swiss Federal Institute of Technology Lausanne (EPFL), AI driven metabolic health predictions for preventive health.

OCUMEDA – Wiechers Benedikt, University of Bern (UNIBE), Telemedicine network to provide easy access eye screening.

ONCOBIT – Scheckel Claudia, University Hospital of Zurich, Enabling personalised cancer care.

ONESCOPE – Geneva Alain, Hôpitaux universitaires de Genève (HUG), Digital endoscope powered by AI for automated diagnosis.

PATON – Zejullahu Frensi, Zurich University of Applied Sciences (ZHAW), Digitalized nurse call for direct communication.

RHOWCA NEUROIMAGING – Hlavica Martin, Centre Suisse de Electronique et de Microtechnique (CSEM), Enabling safe and quick EVD-placement.

SENSAMEAR – Kress Oliver, University of Bern (UNIBE), Wearable textile-based tissue health monitoring sensor.

SENSEMODI – Thevenot Jérôme, Swiss Federal Institute of Technology Lausanne (EPFL), Smart wearable to assess knee health at any Point of Care.

SIGHTIN HEALTH – Jatautas Manus, Swiss Federal Institute of Technology Lausanne (EPFL), AI-SaaS for superior use and interpretation of ultrasound.

SIMULATORY – Gounisshanker Venkat, Swiss Federal Institute of Technology Lausanne (EPFL), Reimagine surgical training with smart sensors, AI & Haptics.

SMARTVANS – Viskakis Paulius, Swiss Federal Institute of Technology Zurich (ETH), Intelligent brain stimulation for rehabilitation.

XLAM – Blended Psychotherapy (DTX) – von Gunten Florence Olivia, University of Bern (UNIBE), First Swiss blended psychotherapy app for clinical practice.

MICRO-, NANO TECHNOLOGY

CHIRAL – Lanz Natanael, Swiss Federal Institute of Technology Zurich (ETH), Industrial production of high-quality quantum processors.

METEORE WATCHES – Loizeau Frédéric, Centre Suisse d'Electronique et de Microtechnique (CSEM), Crafting the mechanical watches of tomorrow.

SOFTWARE

AI RETAILER SYSTEMS – Pereirasamy Maran, University of St. Gallen (HSG), Powering retailers to round-the-corner. 24/7, Grab&Go shops.

ALTER EGO – Mhamdi Fayçal, Swiss Federal Institute of Technology Zurich (ETH), Creating avatars to help shoppers choosing the correct size.

AMPLIPIH – Sanitschi Dominic, Fachhochschule Nordwestschweiz (FHNW), Helping brands and retailers amplify a world without waste.

ATLASVR – Holzwarth Valentin, Swiss Federal Institute of Technology Zurich (ETH), Revolutionizing vocational training with Virtual Reality.

BATTERYLOG – Brönnimann Stefan, Berner Fachhochschule (BFH), SaaS solutions to analyze battery related data.

BRIAN – Forsbach Ralph, University of St. Gallen (HSG), A social and data-driven learning platform for learners and educators.

CORRENTICS – Haller Gaudenz, University of Zurich (UZH), Climate-risk analytics for global supply chains.

GENERAL – Schnyder Jan, Swiss Federal Institute of Technology Zurich (ETH), Generating Art with AI.

LONOMY – Lieberherr Pascal, Swiss Federal Institute of Technology Zurich (ETH), Making tractors fully autonomous.

OPTIMAL – Peltkov Evan, Swiss Federal Institute of Technology Zurich (ETH), Digitalizing real estate investment for sustainability.

QVOMIND – Frachl Yann, University of Geneva (UNIGE), A new way to share and play video games.

PELEPHANT – Schneider Ramona, University of Zurich (UZH), A solution that helps you to learn mathematics.

RAUMPIONIERE – Färber Atilia, Ostschweizer Fachhochschule, Finding undervalued properties fast, easy and for everyone.

RVIA – Scalfaro Erik, Swiss Federal Institute of Technology Zurich (ETH), Online platform for faster drug development.

SEISMOHEALTH – Martakis Panagiotis, Swiss Federal Institute of Technology Zurich (ETH), Deploying AI to prolong the life of buildings and bridges.

PROJECT SELECTION

- **712 PROJECTS**
applied for Venture Kick
- **59 APPLICATIONS**
per month
- **64%**
from German-speaking Switzerland
- **36%**
from French & Italian-speaking Switzerland
- **54% PROJECTS**
of supported project are from ETH Zurich or EPF Lausanne
- **50%**
of supported project have women in the founding team.

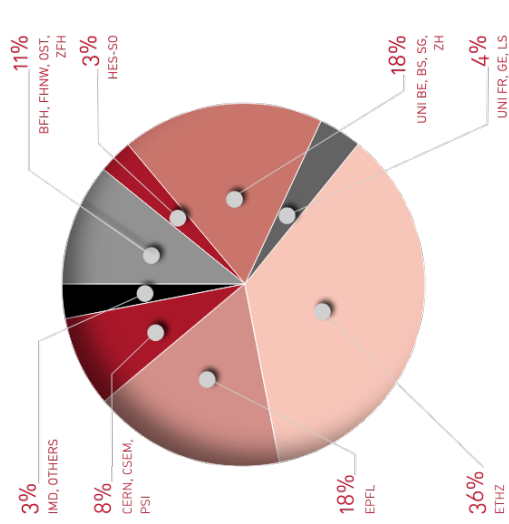
The number of projects applying to join Venture Kick increased year-on-year by 5.5%, to 712 (from 675 in 2021). The majority, 64%, came from the German-speaking part of Switzerland, and 36% from the French & Italian-speaking Switzerland.

Venture Kick has national coverage and attracts applicants from across the country: 20% of applications originate from the Swiss Federal Institutes of Technology in Zurich and in Lausanne, with the remaining 80% coming from projects distributed among 41 other universities.

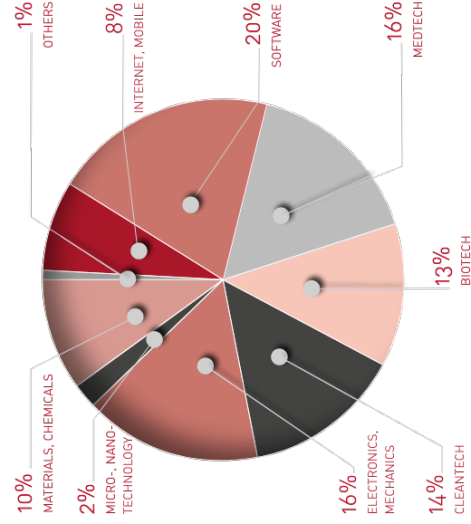
Applications come from all high-tech sectors. The most strong-represented sectors are ICT/Internet & mobile, with 49%: life sciences, encompassing biotech and medtech, account for 17% of the applications; and 5% are cleantech projects. The remaining 29% are split among electronics and mechanics, micro/nano-technologies, materials/chemicals and others.

Selection is competitive. Projects from the two Federal Institutes of Technology represent 54% of those selected by Venture Kick's juries. The sectoral distribution are as follows: 29% of supported projects are in life sciences; 28% concern information and communication technologies; 18% cover electronics, mechanics and micro/nano-technologies; 14% are cleantech projects but many other have a cleantech component even if not classified in this category; and material and chemicals innovations represent 10%; and 1% are categorized as others.

SUPPORTED PROJECTS BY UNIVERSITY



BY SECTOR



FINANCES

DIRECT CONTRIBUTIONS TO STARTUP PROJECTS

CASH SUPPORT FOR STARTUPS

	ACTUAL 2022	BUDGET 2023
Grants of CHF 10,000	6,040,000	6,330,000
Convertible loans of CHF 40,000	900,000	930,000
Convertible loans of CHF 100,000	2,040,000	2,200,000
	3,100,000	3,200,000
	72.4%	72.6%

INDIRECT CONTRIBUTIONS TO STARTUP PROJECTS

BUSINESS DEVELOPMENT SUPPORT FOR STARTUPS

	ACTUAL 2022	BUDGET 2023
Venture Briefing contribution		
Review of 712 project applications in 2022 and 740 applications in 2023	1,920,000	2,000,000
Presenting to investors and supporters at 51 jury sessions in 2022 and 2023	23.0%	22.9%
Personal introductions to industrial and pilot customers		
Individual coaching and support at 56 Kickers Camps and Kickers Briefings in 2022, and 61 in 2023		
Written feedback and pitch videos, monthly reporting, startup hotline		
Press releases and articles for startups to create national and international visibility		
Creation of PRs, articles, videos portraits, social media news about startups		

Promotion of startups via social media and news channels: (Handelszeitung, startup.ch, startupticker.ch,...)

Business software, checklists and templates

ADMINISTRATIVE COSTS

PROGRAM MANAGEMENT

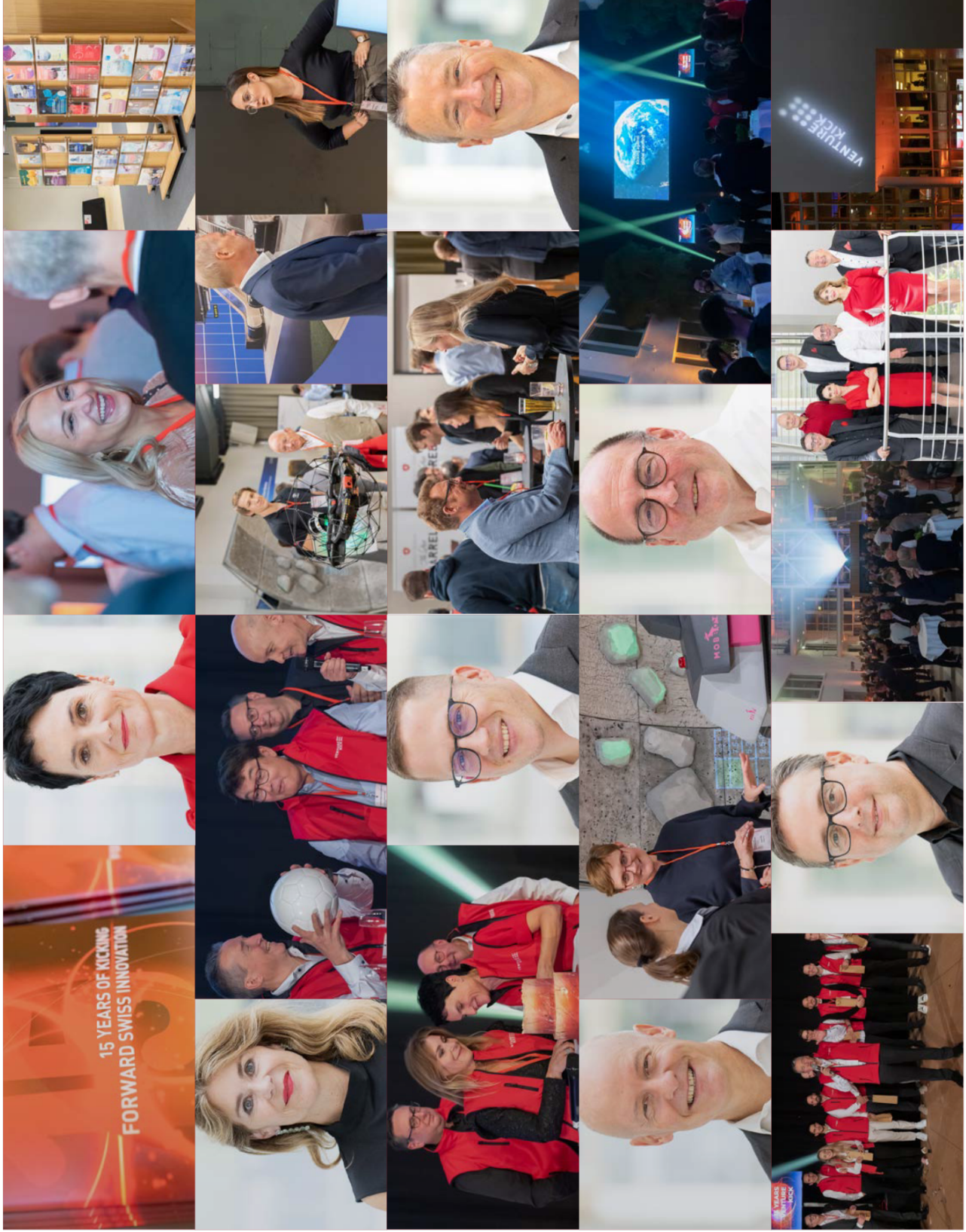
	ACTUAL 2022	BUDGET 2023
Planning / Team management / Reporting	380,000	390,000
Promotion at all Swiss universities and partners	4.6%	4.5%
Startup portfolio management / Kick foundation Transfer / Financial returns / Donations		
IT / Website development and maintenance		
Kick Foundation audit / Accounting		

TOTAL (excluding VAT)

8,340,000 100%

8,720,000 100%

OUTLOOK



For 2023, we plan the following:

- **740 APPLICATIONS**
- **300 PROJECTS PRESENTED**
presented at 51 jury sessions
(19 stage 1 / 19 stage 2 / 13 stage 3)
- **178 PROJECTS FUNDED**
funded (90 at CHF 10,000/56 at CHF 40,000/
37 at CHF 100,000)
- **CHF 6,330,000**
in seed-funding for startup projects
- **49 KICKERS CAMPS**
2-day workshops in small groups
- **12 KICKERS' BRIEFINGS**
Workshops at Swiss universities

20-YEAR GOALS

In 2027, we want to celebrate 20 years together, with 1,000 Venture Kick startups – among them several unicorns and global leaders in their markets – counting 20,000 employees.

- **1,000**
active high-tech companies
- **20,000**
high-quality and sustainable jobs created
- **CHF 12,000,000,000**
of investment raised by Venture Kick alumni
- **CHF 3,000,000,000**
annual revenue produced by these companies

6,300,000

TO GIVE 178 KICKS TO STARTUPS IN 2023 AND BRING SWISS
DEEPTech TO GLOBAL MARKETS

Since its launch in 2007, Venture Kick has provided 917 Swiss university spin-offs with CHF 44.85 million in seed capital. To date, 718 of them have been incorporated, creating 11,362 jobs. These startups have attracted CHF 6.7 billion in extra investment.

The private initiative Venture Kick is financed by:

WISSENSCHAFT.
BEWEGEN
GEBERT RUF STIFTUNG

ERNST GÖHNER STIFTUNG

Hauser-Stiftung

André Hoffmann

Hansjörg Wyss

Martin Haefner

Fondation
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esa business incubation centre
Switzerland

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www.venturekick.ch