10 YEARS OF IMPACT ON THE STARTUP ECOSYSTEM
The year 2017 was marked by the 10 year celebration of Venture Kick with its special promotions like the public Global Shapers nomination and the magazine “10 Year Celebration” launched at our anniversary event on November 29th 2017.

Since its launch in 2007 Venture Kick has funded 530 startups with seed capital of over CHF 21.50 million, which have generated more than CHF 1.8 billion in follow-on financing and created close to 5,000 new jobs. In many cases, the initial “kick” from Venture Kick was absolutely instrumental. This is shown in many examples in the magazine but also in the annual report 2017.

The successful track record of Venture Kick with respect to its startups is based on three pillars “Funding”, “Kicking” and “Executing”.

Funding
Venture Kick would not be possible without private donors, who have been closing the gap in early risk financing with substantial contributions since 2007. At the outset, these were the Ernst Göhner Foundation and Gebert Rüf Foundation.

During the past 10 years, Venture Kick owes its growth and success to the commitment of the following partners: Gebert Rüf Stiftung, Avina Stiftung, Opo-Stiftung, Ernst Göhner Stiftung, Fondation Pro Techno, Fondation Lombard Odier, Rising Tide Foundation, André Hoffmann, Hansjörg Wyss, Martin Haefner, Igor Fisch, Climate-Kic, ESA BIC Switzerland, Debiopharm, Engagement Migros and Swisscom.

Kicking
The skills, expertise and efficiency of an outstanding management team guarantees the promotion and operations of the program. A key success factor is also the Venture Kick jury, made up of 150 members and responsible for the successful selection of the startups. The kicking, the secret recipe of Venture Kick, pervades every process of Venture Kick and makes sure that Venture Kick transforms scientists into entrepreneurs and innovation into business.

Executing
Venture Kick would not exist without the startups that are at the heart of the program. When they apply, venture kickers consciously leave behind their comfort zone of a university and research laboratory. Once they have been selected in a competitive environment, they meet their business challenges every day while we kick them from one step to the next. They are passionate about advancing their business idea and achieving success under time pressure.

The success of Venture Kick is based on solid ground and with the common goal to strengthen the prosperity of Switzerland’s economy and society.

In the name of the Venture Kick board

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

Dr. Suzanne Schenk  
Strategy Board, Venture Kick Deputy CEO, Ernst Göhner Stiftung
VENTURE KICKERS

HIGHLIGHTS 2017

Our alumni kick back! Each of our alumni have a unique journey. Read about their success stories and how some have decided to give back and help kick new ventures.

**VirtaMed the new reference for surgical simulators:** VirtaMed was the first startup to receive the full CHF 130,000 kick. The company, based in Zurich, develops realistict surgical simulators for medical training and education using virtual reality. After becoming a TOP100 Swiss startup in 2011 and 2012, VirtaMed has decided to give back to Venture Kick to support the next generation.

**Pix4D becoming the world leader in professional drone mapping:** The 2011 Venture Kick alumnus designs software that automatically combines images from a mobile camera and generates 2D and 3D models and maps. Its applications on drones have opened numerous doors to the company. Following its exit to Parrot, Pix4D wants to help startups achieve its same levels of success by giving back to Venture Kick.

**Perceptiko AG - CatchEye changes your video calls:** The ETH Zurich spin-off and 2016 Venture Kick alumnus has kicked back and donated to Venture Kick. The startup has developed algorithms and processing software to enhance video calls on existing chat systems by removing distractions from the video feed. Following a successful pitch to Silicon Valley investors with venture leaders Technology in spring 2017, CatchEye became one of the TOP 100 Swiss Startups of 2017.

**KB Medical joins Globus Medical:** EPFL spin-off KB Medical was founded in 2012 and acquired by Globus Medical, a leading musculoskeletal solution manufacturer based in the USA, in 2017. Szymon Kostrzewski, founder of KB Medical, took the opportunity to donate to the Venture Kick program. KB Medical has designed a robotic assistance system for innovative and highly precise surgery, specifically targeting spinal, orthopedic and neuro-surgery.

**Adaptricity joins Leoni, opening up new business opportunities:** The ETH spin-off and 2015 Venture Kick winner Adaptricity joined Leoni, the leading European provider of cables and cable systems to the automotive sector and other industries. The acquisition helped Leoni to enter new business models, and Adaptricity to take on new innovation challenges within the group.
The 2010 Venture Kick winner ClimeWorks launched the world’s first commercial plant to capture atmospheric CO₂ for supply and sale to customers in Switzerland in May 2017, and the world’s first removal plant to store CO₂ underground in Iceland in October the same year [Photo: ClimeWorks, Julia Dunlop].
**Composyt founders go for a second donation to Venture Kick:** The co-founders of 2014 Venture Kick finalists Composyt Light Labs decided to give a second kick to the Venture Kick program after their first support when the company was acquired by Intel in 2015. Since acquiring Composyt and fellow Venture Kick alumnus Lemoptix, the international corporation has invested in a laboratory on the EPFL campus allowing the founders to pursue and expand their research in the field of virtual reality. The startup has developed new technology to treat lenses using a micro laser to enable high definition holograms to appear directly in the field of vision.

**ClimeWorks launch world’s first commercial CO₂ capture plant:** This year, ClimeWorks launched the world’s first commercial plant to capture atmospheric CO₂ for supply and sale to customers in Switzerland in May, and the world’s first removal plant to store CO₂ underground in Iceland and October. The Direct Air Capture plant in Switzerland, featuring breakthrough technology that filters carbon dioxide from ambient air, now supplies 900 tons of CO₂ annually to a nearby greenhouse.

**Advanon, Scandit and Beekeeper close combined CHF 29 million:** Advanon raised a financing round of CHF 13.5 million, including part from our partner Swisscom. Scandit raised $7.5 million from Atomico early in 2017. Beekeeper raised $8 million to further expand their digital workplace app into global markets. The startup is now operating in 137 countries.

**Versantis raises 4.4 million to move forward with clinical trials:** The 2015 Venture Kick winner Versantis raised its first substantial funds in Series A with CHF 4.4 million. In July the company also received FDA orphan drug designation for their VS-01 for treatment of patients with acute-on-chronic liver failure (ACLF) and will use the funds to proceed with first-in-human studies.

**Poken joins the event intelligence provider GES to scale up operations:** The global full-service provider for live events, GES, announced the purchase of the cloud-based event management platform Poken. Starting in Lausanne and winning the Venture Kick final in 2008, Poken has become a global company with offices in Europe and in the USA and joined GES in order to scale up operations.

**QualySense, Andrew Alliance and Gamaya win big!** QualySense and Andrew Alliance were among the winners of the Red Herring Europe Award, an annual high level award selecting the continent’s 100 best technology companies. QualySense guarantees food safety by robot inspection while Andrew Alliance provide modern benchtop and transportable androids for handling liquids. Meanwhile Gamaya was named the hottest startup in Europe by Nvidia for their farm-land diagnostic tool.

**Industry leader Leybold announces collaboration with ScanTrust:** The 2016 Venture Kick winner ScanTrust developed the next generation of copy-proof QR Codes to offer strong protection against counterfeiting for brands. In April, one of the leading providers of vacuum pumps and systems, Leybold, announced that it will integrate ScanTrust’s security solution on every product globally. Shortly afterwards, the company announced a partnership with the National Seeds Institute of Argentina (INASE) and completed a $4.2 million funding round in November.
Aleva Neurotherapeutics closes $13 million: In 2008 Venture Kick startup Aleva Neurotherapeutics raised $13 million in a Series D financing round in 2017. The EPFL spin-off is a leading developer of implants for deep brain stimulation in major neurological indications such as Parkinson’s Disease and Essential Tremor. The new financing resources will be used to complete the acquisition of a CE Mark.

Lunaphore wins WEF’s Swiss Incubator Cup in China: On June 28, together with nine other Swiss startups (among which six Venture Kickers: ClimeWorks, Flyability, Lunaphore, Technis, UrbanFarmers and ZuriMEDI), Lunaphore pitched at the Swiss Incubator Event at the World Economic Forum in Dalian. After a final battle against ClimeWorks, Lunaphore CEO Ata Tuna Ciftlik won the Swiss Incubator Cup in front of a Swiss and international audience. Lunaphore also successfully closed a funding round of CHF 6 million for their tumor analysis platforms.

Amal Therapeutics raises CHF 8.8 million to further develop its lead vaccine: The 2012 Venture Kick startup Amal Therapeutics completed a Series B financing round, raising CHF 12 million. The Geneva based biotech startup develops novel, peptide-based therapeutic cancer vaccines and will use the funds to further develop their lead vaccine and KISIMA tumor vaccination platform.

Aleva Neurotherapeutics closes $13 million: 2008 Venture Kick startup Aleva Neurotherapeutics raised $13 million in a Series D financing round in 2017. The EPFL spin-off is a leading developer of implants for deep brain stimulation in major neurological indications such as Parkinson’s Disease and Essential Tremor. The new financing resources will be used to complete the acquisition of a CE Mark.

MindMaze attracts Hollywood! Hollywood is fan of Swiss startups: In September, MindMaze convinced Oscar winning actor Leonardo DiCaprio to invest in Venture Kick’s first unicorn as part of a wider funding round that pushed the company over the CHF 100 million financing mark. DiCaprio is also joining the company’s board of advisers.

InSphero partners with Charles River: In October 2017, 2008 Venture Kick winner InSphero announced a partnership with global R&D leader Charles River, who will license their collection of patient-derived xenograft (PDX) tumors. The new collaboration will leverage InSphero’s proprietary 3D cell culture technology to extend its pre-clinical services. InSphero also secured over CHF 20 million in funding.

Faceshift working on one of the “holy grails” of computer graphics: 2013 Venture Kick winner Faceshift (acquired by Apple, 2015) helped the new iPhone X to achieve “One of the holy grails in computer graphics”, the face tracking tech behind the new animoji.

TasteHit kick back: The founders of TasteHit have kicked back some money to the Venture Kick program. TasteHit has attracted attention with its software-as-a-service user engagement platform designed to help online merchants better understand their customers’ actions. Using predictive machine learning algorithms and gathering behavioral data, the platform aims at increasing the performance of online shops, targeting niche retailers, specialized shops and famous fashion brands.
53 VENTURE KICKERS MADE IT INTO THE TOP 100 IN 2017

<table>
<thead>
<tr>
<th>No.</th>
<th>Company Name</th>
<th>Website</th>
<th>Description</th>
<th>Start Venture Kick Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Ava AG</td>
<td><a href="http://www.avawomen.com">www.avawomen.com</a></td>
<td>A natural and reliable technology that helps couples have a child. An elegant bracelet worn at night is connected to a smartphone app via Bluetooth.</td>
<td>11/11/2014</td>
</tr>
<tr>
<td>2.</td>
<td>L.E.S.S. SA</td>
<td>less-sa.com</td>
<td>Nano active fiber lighting systems proven as a serious alternative to today’s LEDs by delivering ultra-thin, -bright and -uniform lighting systems.</td>
<td>30/8/2011</td>
</tr>
<tr>
<td>3.</td>
<td>Flyability SA</td>
<td><a href="http://www.flyability.co">www.flyability.co</a></td>
<td>Developing Gimball, a game-changing flying robot which can be flown indoors and in complex environments.</td>
<td>2/8/2014</td>
</tr>
<tr>
<td>5.</td>
<td>Gamaya SA</td>
<td>gamaya.com</td>
<td>The imagery and analysis system of Gamaya provides targeted indications to farmers about needs in terms of water, fertilizers or chemicals.</td>
<td>14/1/2014</td>
</tr>
<tr>
<td>6.</td>
<td>Bau AG</td>
<td><a href="http://www.bau-sa.ch">www.bau-sa.ch</a></td>
<td>The imagery and analysis system of Bau provides targeted indications to farmers about needs in terms of water, fertilizers or chemicals.</td>
<td>14/1/2014</td>
</tr>
<tr>
<td>8.</td>
<td>Beekeeper AG</td>
<td>beekeeper.io</td>
<td>Increases the efficiency and profitability of organizations, enhances employee engagement and reduces turnover costs.</td>
<td>23/12/2011</td>
</tr>
<tr>
<td>9.</td>
<td>Lunaphore Technologies SA</td>
<td>lunaphore.ch</td>
<td>An innovative tumor analysis and classification platform with the potential to be a disruptive alternative to classical immunohistochemistry.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>10.</td>
<td>Advanon AG</td>
<td><a href="http://www.advanon.com">www.advanon.com</a></td>
<td>Online Platform allowing companies to easily manage their cash flows in a quick and flexible way, allowing them to focus on their core business.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>12.</td>
<td>RealLook AG (Selfnation)</td>
<td><a href="http://www.selfnation.ch">www.selfnation.ch</a></td>
<td>Selfnation offers perfectly fitting clothes online thanks to novel visualization and production technology.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>13.</td>
<td>TwentyGreen AG</td>
<td><a href="http://www.twentygreen.com">www.twentygreen.com</a></td>
<td>Boosts the natural immune system of animals and enables food to be metabolised more easily.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>15.</td>
<td>Teralytics AG</td>
<td><a href="http://www.teralytics.ch">www.teralytics.ch</a></td>
<td>Big-data analytics company aggregating anonymous data to improve urban planning.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>16.</td>
<td>TwentyGreen AG</td>
<td><a href="http://www.twentygreen.com">www.twentygreen.com</a></td>
<td>Boosts the natural immune system of animals and enables food to be metabolised more easily.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>17.</td>
<td>TwentyGreen AG</td>
<td><a href="http://www.twentygreen.com">www.twentygreen.com</a></td>
<td>Boosts the natural immune system of animals and enables food to be metabolised more easily.</td>
<td>26/8/2011</td>
</tr>
<tr>
<td>18.</td>
<td>Insolight SA</td>
<td><a href="http://www.insolight.ch">www.insolight.ch</a></td>
<td>Highly efficient solar cells and magnifying lenses that track the sun and concentrate the light.</td>
<td>26/8/2011</td>
</tr>
</tbody>
</table>
33. DistalMotion SA, www.distalmotion.com
Development and commercialization of a new surgical device to enable a new generation of minimally invasive surgery in the abdominal cavity.
START VENTURE KICK SUPPORT 06/2010

35. Insightness AG, www.insightness.com
High-speed and low-power vision systems for mobile robotics and smart glasses.
START VENTURE KICK SUPPORT 02/2014

Transforms the user’s wristwatch into a means of identification using vein pattern identification.
START VENTURE KICK SUPPORT 12/2015

Substance naturally present in humans and animals, suitable for diabetes treatment.
START VENTURE KICK SUPPORT 11/2011

41. Xsensio SA, www.xsensio.com
Next-gen wearable devices that uniquely exploit biochemical information at the surface of our skin.
START VENTURE KICK SUPPORT 06/2014

46. Polynereon Pharmaceuticals AG, polynereon.com
Enables development of drugs to fight pathogenic antibodies, or ‘auto-antibodies’.
START VENTURE KICK SUPPORT 12/2011

Addresses the problem of dwindling honey bee populations with a new type of patented bee hive, increasing survival rate of bees.
START VENTURE KICK SUPPORT 06/2014

52. OneVisage SA, onevisage.com
OneVisage develops a solution that identifies users via a 3D image of their face.
START VENTURE KICK SUPPORT 11/2014

56. GRZ Technologies AG, www.grz-technologies.com
Hydrogen storage systems that are safer, more efficient and more energy dense than existing systems.
START VENTURE KICK SUPPORT 22/2014

57. Haelixa GmbH, haelixa.com
DNA-based particles that are used as a marker to make products and raw materials traceable.
START VENTURE KICK SUPPORT 02/2014

58. Swiss Wood Solutions AG, swisswoodsolutions.ch
Replace exotic and rare woods with modified standard woods with enhanced properties.
START VENTURE KICK SUPPORT 12/2017

Patient-controlled electrical-stimulation device that helps to treat arm and hand paralysis in stroke victims.
START VENTURE KICK SUPPORT 06/2015

63. Nanolive SA, nanolive.ch
Microscopes that can be used by scientists to observe living cells in 3D and study the effects of drugs at the cellular level without damage.
START VENTURE KICK SUPPORT 02/2015

65. InterAx Biotech AG, www.interaxbiotech.com
Drug discovery platform for protein complexes.
START VENTURE KICK SUPPORT 02/2015

66. ROVENSO SA, www.rovenso.com
Robust robots that can be used after natural disasters.
START VENTURE KICK SUPPORT 09/2015

68. INOFEA AG, www.inofea.ch
Nanotechnology platform can be used to protect natural molecules like intestinal infections and vascular calcification.
START VENTURE KICK SUPPORT 09/2015

70. Synple Chem AG, www.synplechem.com
Enables researchers with even basic chemistry expertise to synthesise organic compounds in a fully automated manner.
START VENTURE KICK SUPPORT 09/2014

71. Altolida AG, www.altolida.com
Uses virtual reality for an Alzheimer’s test to predict the onset of the disease up to five years in advance.
START VENTURE KICK SUPPORT 06/2014

72. Inositec AG, www.inositec.com
Develops active compounds based on a natural molecule like intestinal infections and vascular calcification.
START VENTURE KICK SUPPORT 03/2016

73. AEROTAIN AG, www.aerotain.com
Drone-balloon hybrid, which is safe enough to fly above crowds.
START VENTURE KICK SUPPORT 12/2013

74. Relish Brothers AG, www.relishguitars.ch
The guitars made by the Relish Brothers are the first genuine innovation in the world of electric guitars for 60 years.
START VENTURE KICK SUPPORT 12/2013

75. Flatev AG, www.flatev.com
The device developed by Flatev bakes tortillas, crêpes and cookies. It is based on a capsule-system, similar to the one found in coffee machines.
START VENTURE KICK SUPPORT 11/2011

76. Perceptrio AG (CatchEye), www.catch-eye.com
Allows the user to make direct eye contact with their virtual counterpart in teleconferences.
START VENTURE KICK SUPPORT 04/2016

77. GnuBiotics Sàrl, www.gnubiotics.com
Supports microbial balance in the gut naturally aimed at addressing pet obesity and serve as an additive for baby food.
START VENTURE KICK SUPPORT 27/2014

78. MaxWell Biosystems AG, www.maxwbio.com
Imaging technology for the characterization of brain cells is used to research the potential of certain drugs.
START VENTURE KICK SUPPORT 04/2014

Develops a device that measures cervical stiffness allowing a much more accurate prediction of premature births.
START VENTURE KICK SUPPORT 11/2015

84. PharmaBiome AG, www.pharmabiome.com
Microbiome therapies for intestinal diseases.
START VENTURE KICK SUPPORT 26/2015

85. IRsweep AG, www.irsweep.com
Multicoloured, highly precise lasers enabling complex chemical processes to be analysed in milliseconds.
START VENTURE KICK SUPPORT 09/2014

89. Uepaa AG, www.upeaa.ch
Peer-to-peer software company that enables integration of services and features into apps.
START VENTURE KICK SUPPORT 01/2015

92. Vigilitech AG, www.vigilitech.ch
Compact standalone system for mice that monitors and controls vital physiological parameters.
START VENTURE KICK SUPPORT 07/2015

93. recapp IT AG, www.recapp.ch
Detecting and preventing sophisticated cyber-attacks.
START VENTURE KICK SUPPORT 03/2015

94. SensArs Neuroprosthetics Sàrl, sensars.com
Unique worldwide solution which enables amputees to feel lost legs again.
START VENTURE KICK SUPPORT 01/2014

53 VENTURE KICKERS MADE IT INTO THE TOP 100 IN 2017
In 2017, a total of 435 projects applied to the Venture Kick program. This represents a 7.9% growth compared to 2016. The number of submissions is on average around 36 per month. Approximately 55% came from the German part of Switzerland, 42% from the French part and the remaining 3% from Ticino.

68% of the supported projects originate from the Swiss Federal Institutes of Technology of Zurich and Lausanne. The remaining projects are distributed among 10 different universities, indicating that Venture Kick is well implanted at a national level.

An analysis of applications by sector shows that all high-tech disciplines are represented. 48% of the applications represent information & communication technologies (software, mobile and internet sectors). Life sciences (biotech and medtech sectors) are represented with 16% of the applications. 5% are cleantech projects.

Looking at the supported projects, we count 26% in information & communication technologies (software, mobile and internet sectors) and 37% in life sciences (biotech and medtech sectors). 25% of the supported startups are from electronics, mechanics and materials, chemicals technologies, and 7% are cleantech projects. This proves the high quality of applications in the high-tech sectors.
APPLICATIONS
PER UNIVERSITY

PER SECTOR

SUPPORTED PROJECTS
PER UNIVERSITY

PER SECTOR
SUPPORTED PROJECTS 2017

**BIOTECH**

The missing link of personalized medicine.
Uni Lausanne, Kamel Ben Zaied, Cellphmed

Translational solutions.
Uni Genève, Paul Bradfield, Mesenflow

Organic fungicide to control grey mould and other biological threats.
Uni Lausanne, Olga Dubey, AgroSustain

Advanced cell-imaging platform.
ETH Zürich, Urs Frey, MaxWell Biosystems AG

Treating heart failure through an innovative RNA-based therapeutics.
EPF Lausanne, Samir Ounzain, HAYA Therapeutics

Next level oil & geothermal reservoir description for efficient and responsible energy extraction.
ETH Zürich, Michela Puddu, Haelixa GmbH

A novel permeation enhancer.
Uni Genève, Sakthikumar Ragupathy, APERI Pharmaceuticals

Automating life science labs in minutes.
ETH Zürich, Maximilian Schulz, UniteLabs

Rapid, reliable and cost-effective detection device for microorganisms such as Herpes or Influenza virus.
Uni Bern, Samuel Zürcher, certus molecular diagnostics ag

Improving the metabolic system of pets and humans using prebiotic therapies.
HSLU - Hochschule Luzern, Jean-Philippe Kunz, Grubiotics Sàrl

**CLEANTECH**

Glider to produce energy from wind.
Uni St.Gallen, Nicola Mona, Skypull SA

Cost-effective Electrical Energy Storage for our future Smart Grid.
PSI Paul Scherrer Institut, Lukas Bonorand, SMT Energy AG

Significant reduction of electric grid imbalance costs for renewable asset owners.
Uni Genève, Mahmoud Hamada, SAMA Renewable Solutions

On-site water purification.
Uni St.Gallen, Christian Koch, SelFuris

A new generation of high-precision, multicomponent gas sensors.
EMPA, Morten Hundt, MIRO Analytical Technologies

Fault location and power restoration in a blink of an eye.
EPF Lausanne, Paolo Romano, Zaphiro Technologies

**ELECTRONICS, MECHANICS**

Future of transportation.
ETH Zürich, Lisa Oberroster, Swissloop

Robotic exoskeletons for education and entertainment.
ETH Zürich, Volker Bartenbach, Beyond Robotics GmbH

Making augmented reality applications for professionals.
EPF Lausanne, Martin Bosch, Darix Sàrl

Lightweight & compact electrical motors allowing a reduction in energy consumption and maintenance costs.
EPF Lausanne, Salvatore De Benedictis, Komp-ACT

Optimising office space usage.
HSLU - Hochschule Luzern, Stefan Landolt, thingdust AG

A new high-tech self-service wardrobe system.
ETH Zürich, Carlo Loderer, Zippsafe AG

Unbreakable cables and connectors.
ETH Zürich, Vincent Martinez, nanoleq GmbH

Stretchable and compliant rubber-based electronics.
EPF Lausanne, Hadrien Michaud, Feeltronix

Smart drone piloting.
EPF Lausanne, Thibaud Paschal, MotionPilot

Ultra-portable and low cost origami haptic interfaces.
EPF Lausanne, Marco Salerno, FOLDAWAY

Transforming any type of electric lock into a smart lock.
ETH Zürich, Julian Senoner, BITQEY

True depth in virtual images.
EPF Lausanne, Tomas Sluka, CREAL3D

Precise Navigation for Everyone.
Uni Lausanne, Zhenzhong Su, Fixposition AG

ROWCUS is the first intuitive navigation aid for rowers.
ETH Zürich, Sophie Lohmann, Rowcus

Allow efficient, instant and accurate heating of any conductive fluid.
ETH Zürich, Fabian Bietschi, InstaHeat

Creating a new chapter in watchmaking.
ZHAW, Mark Schwarz, VAULT GmbH

**INTERNET, MOBILE**

Discover, book, and enjoy mountain cabins in the Alps.
ZHAW, Alexander Bioberstein, Kurt

Marketplace for last-mile delivery services.
IMD, Aike Festini, LuckaBox GmbH

Short film distribution platform.
EPF Lausanne, Vassilis Kolofokias, Large

A fast, usable and secure two-factor authentication (2FA) for web security.
ETH Zürich, Claudio Marletino, Futuera Technologies AG

Virtual reality design and collaboration platform for enterprises.
ETH Zürich, Thomas Neschier, Inspacion AG

Allow users to get stuff done, get paid and connect.
Uni St.Gallen, Simon Hofer, Rebels Technologies

**MATERIALS, CHEMICALS**

Device measuring the thickness of sealing layers used widely in the construction sector.
ZHAW, Jonas Storsvik, CoatChecker GmbH

Earth reinforcement solution.
EPF Lausanne, Dimitrios Terzis, MeduSoil

Metal hydride hydrogen storage solution.
ETH Zürich, Claudio Ruch, GRZ Technologies AG

Innovative wood based products with added values.
Uni St.Gallen, Oliver Kläusler, Swiss Wood Solutions AG

Nanomaterial for sustainable and durable construction.
EPF Lausanne, Abhishek Kumar, Nanogence

**MEDTECH**

Therapeutic solution to restore erectile function of patients non-responsive to oral drugs.
EPF Lausanne, Rodrigo Araujo Fraga da Silva, Comphy Sàrl
Exoskeleton to walk once again. 
EPF Lausanne, Tristan Vouga, TWICE

Dynamic biomaterials for plastic surgery. 
EPF Lausanne, Amélie Béduer, Volumina Medical

Innovative antibacterial technology based on Physical Vapor Deposition (PVD). 
EPF Lausanne, Sami Rtimi, biBCare Sàrl

Biological monitoring for Athletes and Patients. 
ETH Zürich, Simon Bachmann, iDUN HealthTech

Empowering eye care professionals and patients through artificial intelligence. 
Uni Lausanne, Carlos Ciller, RetinAI SA

Multidimensional sleep monitoring and assessment. 
ETH Zürich, Soumya Non-invasive and automated heart Sundar Dash, Sleepiz

Non-invasive and automated heart arrhythmia treatments. 
CERN, Adriano Garonna, EBA-Med

Device to detect early signs of COPD. 
Uni Lausanne, Sami Goekce, Flares Analytics

Magnetic nanoparticles for blood purification. 
ETH Zürich, Lukas Langenegger, hematune AG

Connected dental device for occlusal problems and bruxism. 
EPF Lausanne, Marco Letizia, Aesysa SA

New integrated hardware and software for the production of prosthetic limb components. 
HEI-VD, Kevin Maramix, Nextep

Measuring lymphatic function. 
ETH Zürich, Patrizia Marschakova, Dicronis

Extracting knowledge from single-cell data to save millions of patients. 
EPF Lausanne, Peter Nesterov, Scalarie AG

Unique worldwide solution which enables amputees to feel lost legs again. 
EPF Lausanne, Francesco Petrini, SensArs Neuroprosthetics Sàrl

First implantable system for chronic lymphedema treatment. 
EPF Lausanne, Marco Pisano, Lymphatica MedTech SA

Next generation breast cancer diagnosis. 
ETH Zürich, Sergio Jose Ganaabro, REFLECTUS

Technology to build up implants inside the body. 
EPF Lausanne, Andreas Schmocker, Lumiglo

Innovative body rehabilitation method for people with mobility problems. 
SUPSI, Niklaus Stocker, Liberty MedTech

Fully automated system capable of safe and precise injections into the eye. 
ETH Zürich, Franziska Ullrich, Ophthalmorobotics AG

Stair climbing wheelchair. 
ETH Zürich, Bernhard Winter, Scoewo AG

Tenaculum forceps using vacuum to provide uterus access without pain. 
HE-Arc, Julien Finci, Aspimex SA

MICRO-, NANO TECHNOLOGY

Give a quantum boost to your measurements. 
Uni Basel, Mathieu Munsch, Qnami

High power integrated photonics using thick silicon nitride. 
EPF Lausanne, Michael Geeselmann, LiGenTec SA

Enabling air pollution control with nanotechnology. 
EPF Lausanne, Juan Mario Michan, Daphne Technology

SOFTWARE

Automatically manage and monitor waste for the food and beverage industry. 
EHL - Ecole Hotelière, Naomi MacKenzie, Kitro

“slack” for healthcare. 
ETH Zürich, Marc Bontrager, Komed Health AG

Improve the power consumption of GPS receivers by two to three orders of magnitude. 
ETH Zürich, Pascal Bisig, Ultra Low Power GPS

Making compliance lean, easy and efficient for the banking sector. 
Kickstart, Nicolas Blanchard, Apix AG

Your images lighter than light. 
Uni Genève, Eugenia Balysheva, Dotphoton

Transform a 360° picture into a VR 3D environment. 
EPF Lausanne, Javier Bello Ruiz, Imverse SA

Empowering Scala teams by drastically reducing compilation times. 
EPF Lausanne, Iulian Drages, Triplequote Sàrl

Interactive and automated software solutions to support new power grid construction planning. 
Uni Zurich, Stefano Grassi, Glitycs GmbH

Exeeon Analytics fights advanced cyber attacks using big data analytics. 
ETH Zürich, David Gugelmann, Exeeon Analytics AG

Safer smarter sky for all. 
EPF Lausanne, Miriam Guitt, Onosky Sàrl

Allows asset managers to set up their products virtually overnight and with very little seed money. 
ETH Zürich, Simon Hasenfratz, vestr

An infinite whiteboard and mind-mapping tool with innovative overview functionalities. 
Uni Liechtenstein, Sebastian Hermes, thinkfield LVC

Drone based technologies for optimizing vine-yard potential. 
ETH Zürich, William Metz, Precision Vine Sàrl

Augmented CAD. 
EPF Lausanne, Daniel Schmitter, Mirrakos SA

Image analysis for food. 
Uni St Gallen, Aurelian Briner, SNAQ GmbH

Decentralized energy communities powered by blockchain. 
SUPSI, Davide Rivola, Hive Power Sagl

OTHERS

The world’s fastest heating lunchbox. 
BFH - Berner Fachhochschule, Aron Krones, Faitron AG

Developing, producing and selling a new bee managing system. 
SUPSI, Gianmaria Riganti, BeeHelpful SA
# FINANCES

## DIRECT STARTUP PROJECT CONTRIBUTION

<table>
<thead>
<tr>
<th>CASH SUPPORT FOR STARTUPS</th>
<th>Actual 2017</th>
<th>Budget 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants of CHF 10,000</td>
<td>670,000</td>
<td>680,000</td>
</tr>
<tr>
<td>Grants of CHF 20,000</td>
<td>640,000</td>
<td>720,000</td>
</tr>
<tr>
<td>Investments of CHF 100,000</td>
<td>1,700,000</td>
<td>1,800,000</td>
</tr>
</tbody>
</table>

## INDIRECT STARTUP PROJECT CONTRIBUTION

<table>
<thead>
<tr>
<th>BUSINESS DEVELOPMENT SUPPORT FOR STARTUPS</th>
<th>1,370,000</th>
<th>1,380,000</th>
</tr>
</thead>
</table>

- Review of approx. 450 project applications and feedback to the candidates
- Connecting with investors and supporters within the jury pool and 40 jury sessions in 2017, resp. 43 in 2018
- Personal introductions to industry and Pilot Customers
- Individual coaching supported by 47 Kickers Camps in 2017, resp. 51 in 2018
- Written feedbacks and pitch videos; Monthly reporting process; Startup Hotline
- Press releases and articles for startups for national and international visibility
- Promotion of startup portraits in multiple channels: startupticker.ch, Handelszeitung, startup.ch, startwerk.ch etc.
- Business software, checklists and templates

## ADMINISTRATIVE COSTS

### PROGRAM MANAGEMENT

<table>
<thead>
<tr>
<th>320,000</th>
<th>315,000</th>
</tr>
</thead>
</table>

- Planning / Team Management / Reporting
- Promotion at all Swiss Universities / Partnerships
- Management Startup Portfolio / Paybacks / Donors
- IT Management / CRM / Website
- Strategy Board / Revision / Accounting

### VAT [8%]

| 125,200 | 130,515 |

### TOTAL

| 4,835,200 | 5,025,515 |

100% 100%
OUTLOOK

The achieved results and the very positive feedback from experts, universities and spin-offs strongly motivate the initiators to further develop the support program.

For 2018 the following figures are planned:

→ **450 APPLICATIONS**

→ **240 PROJECTS**
  presented in 43 jury sessions
  (136 stage 1 / 68 stage 2 / 36 stage 3)

→ **122 PROJECTS**
  funded (68 at CHF 10,000 / 36 at CHF 20,000 / 18 at CHF 100,000)

→ **CHF 3,200,000**
  in seed funding for startup projects

→ **41 KICKERS CAMPS**
  2-day workshops in small groups

→ **10 KICKERS’ BRIEFINGS**
  Workshops at Swiss universities

The major challenge is to secure sustainable funding for Venture Kick in the coming years. In addition to existing commitments, we are looking for an additional CHF 5 million in order to valorize the growing innovation potential of Swiss universities and to accommodate the increase in applications from high quality projects seen over recent years.

To bridge this financing gap, foundations, private individuals and corporates are invited to join the successful initiative as donors.

Venture Kick aims at achieving the following goals, expressed as cumulated figures by the end of 2024:

→ **750**
  active high-tech companies

→ **10,000**
  high-quality and sustainable jobs

→ **CHF 5,000,000,000**
  financing volume invested in these companies
3,200,000

TO KICK 122 STARTUPS IN 2018 AND BRING SWISS SCIENCE TO GLOBAL MARKETS.

Each month, eight scientists get the chance to present their startup project to a jury. The four most promising receive CHF 10,000 and qualify for the second round held three months later, where the two best teams receive another CHF 20,000. In the third and final round, the winner gets seed funding of CHF 100,000.

Since 2007, 530 spin-off projects from 20+ Swiss universities have received CHF 21,000,000 in pre-seed funding resulting in 392 incorporated companies with 4,748 jobs. These startups had attracted investments of CHF 1,808,000,000 by October 2017.

The private initiative Venture Kick is financed by:

WISSENSCHAFT. BEWEGEN
GEBERT ROF STIFTUNG
Hansjörg Wyss

ERNST GÖHNER STIFTUNG
Martin Haefner

André Hoffmann

Igor Fisch

Debiopharm Group
Fondation ProTechno
Fondation Lombard Odier
Rising Tide Foundation

 ESA business incubation centre
Switzerland

ENGAGEMENT
A DEVELOPMENT FUND OF THE MIKROS GROUP

swisscom

With special thanks to our alumni who kicked back in 2017: VirtaMed, Pix4D, Perceptiko, KB Medical, Composyt and TasteHit.

www.venturekick.ch