

57 venture kick Startups made it to the Top 100

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Strong Growing Impact

Launched in 2007, venture kick has been providing Swiss University based spin-off projects with pre-seed capital, coaching and access to professional investors. Selected members from a Jury pool comprised of the 100+ leading startup experts in Switzerland evaluate and support 16 spin-off projects during three sessions every month.

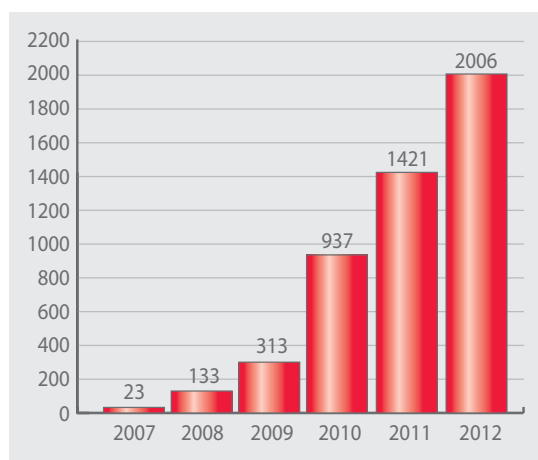
Since the program's inception, various juries have held 144 sessions in total and been presented with 483 entrepreneurial projects. The selected startup projects received pre-seed capital as well as hands-on coaching during 125 kickers camps.

No less than 57 venture kick supported Startups were listed among Switzerland's 2012 TOP 100 Start-up ranking (startup.ch), 9 even made it to the top 10.

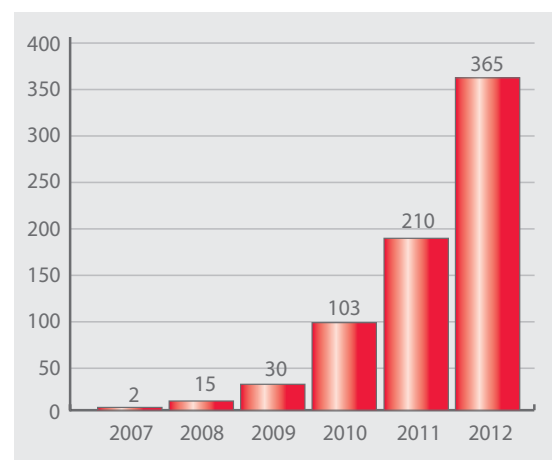
2007-2012: venture kick's Achievements at a Glance

- 1.111 applications received from more than 20 Swiss universities
- 483 candidates presented at 144 jury sessions
- 251 startup projects supported with CHF 9.390.000 in pre-seed capital. 46 projects received the full amount of CHF 130.000 for venture kick winners.
- 194 new companies incorporated
- 2.006 new jobs (FTEs) created in Switzerland
- CHF 365. 000. 000 in financing volume attracted by venture kick promoted startups
- for each CHF of seed-money granted by venture kick, the spin-offs were able to raise CHF 39

Number of New Jobs (in Fulltime Equivalents)



Financing Volume attracted (in mio. CHF)



The objectives for 2012 regarding job creation and financing volume have been significantly surpassed.

Mission Statement

venture kick was launched on June 12th, 2007 in the context of the Swiss national TV show "Start up". The venture kick initiative closes a gap in the innovation chain. It is based on the premise that many research projects pursued at Swiss universities could be turned into promising businesses. Unfortunately, the step from academia to market often fails due to a lack of business interest or know-how from potential entrepreneurs, as well as insufficient access to pre-seed capital. Yet, both are required to explore market potential and structure a strong business case in order to attract investors.

venture kick aims at the early identification, structuring and promotion of promising business ideas with a clear three fold vision: to double the number of spin-offs at Swiss universities, to accelerate the founding process and to raise the attractiveness of these young companies for professional investors.

Double the Number of Spin-offs

We want more scientists at Swiss universities to explore the startup potential of their research.

Cut Time-to-market by Half

We want to speed up the process of structuring business opportunities and startup companies.

Secure more Startup Funding and Network

We want to improve the quality of projects to attract and secure faster investments from business angels and venture capitalists.

venture kick helps potential entrepreneurs by giving them the opportunity to win up to CHF 130.000 in pre-seed capital. Moreover, startups can also take advantage of the know-how of experienced entrepreneurs and be granted access to a national network of investors and startup experts. venture kick provides a unique and leading approach with a proven track-record of creating successful high-tech startups in Switzerland.

Unique

venture kick combines financing for early stage entrepreneurs in 3 stages with a focused business training and the access to a powerful network of investors. The beneficiaries of venture kick are selected by a pool of highly qualified jury members comprising private and public investors, entrepreneurs and startup experts. The full support of CHF 130.000 will be offered as a "founder friendly" equity participation in the company. All financial backflow into the venture kick fund will be used to support more promising spin-offs in the future.

Leading

venture kick is working in close collaboration with all Swiss universities and relevant organisations in the field of high-tech entrepreneurship. Strong links to these organisations are established thanks to the jury pool consisting of one hundred important individuals representing the Swiss startup ecosystem.

Organization

venture kick is a philanthropic initiative of a private consortium: Gebert Rüt Stiftung, ERNST GÖHNER STIFTUNG, OPO-Stiftung, AVINA STIFTUNG, Fondation Lombard Odier and Debiopharm Group.

1. Legal Structure

venture kick is a sub-fund of the umbrella foundation "Fondation des Fondateurs" (FdF, fondateurs.ch), a non-profit, tax-exempt foundation supervised by the Swiss Federal Supervisory Board for Foundations.

2. Purpose

The fund's objectives are to promote entrepreneurship and support spin-offs from Swiss universities: a major potential for innovative ideas exists at Swiss universities which is all too often not transferred to the market. venture kick aims to help these innovative ideas prevail at the early stage of their development.

3. Organisation / Governing Bodies

3.1 Board of Trustees of Fondation des Fondateurs

The FdF board of trustees has delegated all strategic and managerial competencies of venture kick to the strategy board. The FdF board controls the business activities of venture kick based on a detailed annual reporting.

FdF members of the board of trustees: Dr. jur. Thomas Sprecher, President; Dr. phil. Philipp Egger, Vice-president; Evelyn S. Braun, Member.

3.2 Strategy Board of venture kick

The strategy board defines the medium and long-term objectives and orientation of venture kick. It is composed of representatives of the supporting foundations and successful entrepreneurs. The representatives of the foundations always compose the majority of the strategy board and select the additional members.

Members of the strategy board: Dr. Pascale Vonmont, representing Gebert Rüt Stiftung, delegate; Dr. Roger Schmid, representing ERNST GÖHNER STIFTUNG and OPO-Stiftung; Dr. Igor Fisch, Selexis SA.

3.3 Management of venture kick

The strategy board has commissioned the operational management mandate to the Institut für Jungunternehmen, St. Gallen.

Two managing directors, Beat Schillig (head of the German-speaking part of Switzerland) and Jordi Montserrat (head of the French-speaking part of Switzerland) share the responsibility for managing venture kick.

3.4 Staff

Startup support: Flavio Agosti, Diego Probst, Derek Barras, Dr. Pius Küng, André Brühlmann, Philipp Winteler.

Scouting: Jonas Baer, Jonas Wiesel.

Promotion / Communication: Simon May, Thorsten Hainke.
IT / Administration: Daniel Niklaus, Roger Hammel, Raphael Huber.

3.5 Pool of Experts

The jury members evaluating the projects during the jury sessions are all selected from the pool of qualified technology and business experts. The composition of the jury may vary from session to session. The list of experts can be found at venturekick.ch under "Jury".

Activity Report 2012

Advisory Board

- 4 ordinary strategy board meetings on January 25th, May 14th, September 5th and November 29th;
- several meetings between the management and the delegate of the strategy board.

Jury Sessions

In general, eight projects are presented at stage 1, and four at stages 2 and 3. The jury is composed of eight to twelve members at each session.

- 12 stage 1 jury sessions: venture pitch (support of 48 projects with CHF 10.000). Held on: 10.1. / 7.2. / 6.3. / 3.4. / 8.5. / 5.6. / 3.7. / 14.8. / 28.8. / 26.9. / 9.10. / 6.11.;
- 12 stage 2 jury sessions: venture case (support of 25 projects with CHF 20.000). Held on: 11.1. / 8.2. / 7.3. / 4.4. / 25.4. / 16.5. / 6.6. / 4.7. / 29.8. / 27.9. / 10.10. / 7.11.;
- 5 stage 3 jury sessions, venture kick (support of 10 projects with CHF 100.000). Held on: 25.1. / 27.3. / 14.5. / 5.9. / 31.10.

Kickers Camps

After each stage, successful candidates benefit from two days of intensive support. They receive detailed feedback from the jury and are intensively prepared for the next stage.

- 28 two days intensive workshops for startups in the support process process (13 stage 1 camps, 10 stage 2 camps and 5 stage 3 camps).

5 Years of venture kick

On September 26th, the 5 year anniversary took place at the Härterei Club Zurich to celebrate the success of the initiative. More than 200 guests were entertained by the vibrant program held on stage featuring a dozen top startup entrepreneurs, U.S. Ambassador Donald S. Beyer, Walter Steinlin, president of CTI, and much else many more. A media roundtable was held prior to the event.

Debiopharm Group as a new Supporter

This year Debiopharm Group has joined in as a new venture kick support. It is the first private company to join the ranks of the five foundations. Established in 1979, Debiopharm and its founders have always been committed to ongoing innovation, to the advancement of entrepreneurial spirit and to the development of the Swiss economic / fabric. In this sense, Debiopharm's support of the venture kick initiative fits perfectly into its past commitments.

Communication

The initiative received important media echo. Several of the supported projects have been featured in print media and even on TV. In addition, many universities and other relevant institutions in the Swiss innovation and startup scene have mentioned venture kick in their newsletters and on their on-line platforms. The initiative has been promoted on well-known online platforms of the Swiss startup and innovation scene (venturelab.ch, inno-swiss.com, ifj.ch, eStarter.ch, startup.ch, businessplan.ch, startupticker.ch), through the IFJ, venturelab and venture kick newsletters (over 40.000 subscribers) and the startup channel of news.ch.

It has also been presented at several events related to startups, such as the recurring "Startimpulse" from IFJ in the German speaking part of Switzerland (about 11 events monthly, reaching more than 8.000 people).

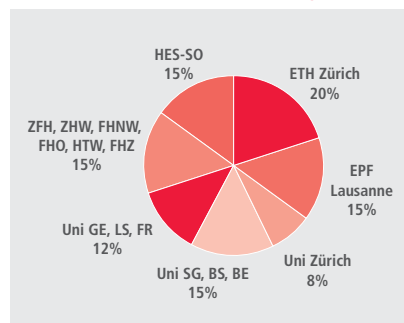
Last but not least, the initiative has been promoted intensively in all academic institutions throughout the country as a source of potential future spin-offs. Intense and recurrent communication activities have been conducted through specific newsletters and mailing campaigns, personal promotion to partners (such as technology transfer offices, coaching and support organisms), presentations of the initiative in lectures or startup related events on campuses (e. g. venturelab courses and events) as well through poster and flyer campaigns directly on site.

Project Selection 2012

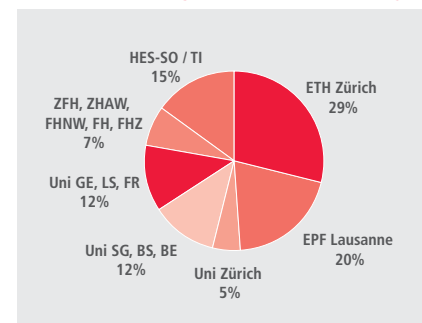
In 2012, a total of 218 projects applied to the venture kick program. The number of submissions is usually around 20 per month. Approximately 60% came from the German part of Switzerland, and 40% from the French part. The full list of supported projects in 2012 is shown on page 14 onwards. 49% of the supported projects originate from the Swiss Federal Institutes of Technology of Zurich and Lausanne. The remaining projects are distributed among 20 different universities, indicating that venture kick is well implanted on a national level.

The analysis of submissions by sector shows that all high-tech disciplines are represented. However, most projects can be counted in the "Information & Communication Technologies", the largest sector in 2012, followed by Electronics / Mechanics, Medtech, Biotech and Cleantech sectors. The remaining submissions are difficult to assign to a specific sector due to their diversity and interdisciplinary character.

Submissions per University

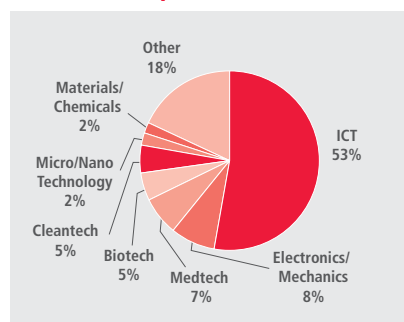


Supported Projects per University

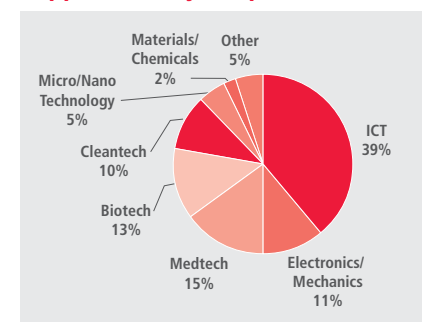


16% of all submissions are made by women. This is still remarkable if one considers the low proportion of women among doctoral students, professors and assistants pursuing scientific and technological disciplines as well as the low proportion of women active in high-tech companies (e. g. CTI-label Companies). Nevertheless this encourages us to continue promotional efforts in favour of women pursuing a career as entrepreneurs.

Submissions per Sector



Supported Projects per Sector



Support Model



From September 2007 to December 2012, 483 applicants out of a total of 1.111 have been invited for a stage 1 presentation. Out of the 483 presented projects, 251 have received CHF 10.000.

Out of these 251 projects supported at stage 1, 215 have been invited to present at stage 2 and 114 received the additional support grant of CHF 20.000 up to December 2012.

Out of these 114 projects 92 were selected to present at stage 3, 46 of which were granted the final kick of CHF 100.000.

The complete list of supported projects can be found on our website venturekick.ch. The high quality of projects should be emphasized:

The number of projects that would have deserved a support grant from the experts jury perspective has regularly out-reached currently available financial resources. Consequently, some promising projects could unfortunately not be supported.

Impact Analysis

194 new High-tech Startups and 2.006 Jobs

The quality of the projects supported by venture kick has been demonstrated by the impressive number of companies effectively created, as well as by the amount of funds raised by these spin-offs. Out of the 251 projects, supported with a cumulated CHF 9.390.000:

- 194 have turned into spin-offs / companies;
- they have created 2.006 jobs;
- they have raised over CHF 365.000.000 in additional financing (own funds, business angel / VC's investments, loans, CTI projects, prizes, etc.).

Less than 10% of the supported projects have been stopped, among which only 9 of the incorporated companies. The average age of incorporated companies is currently 30 months. The incorporation takes place typically 5 months after the first successful presentation of a project to the venture kick jury.

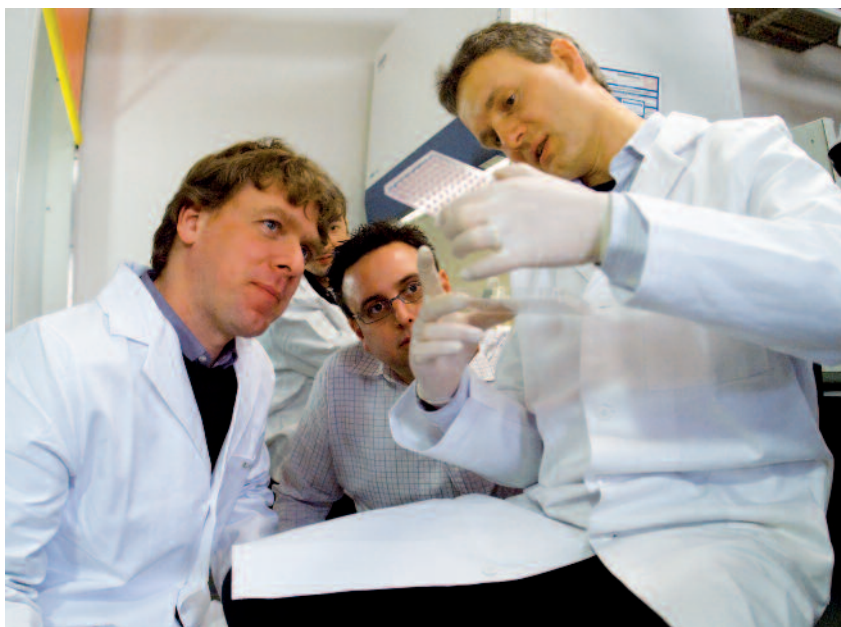
Taking into account the time difference between the support of venture kick and the company creation, the current impact of venture kick is only partially visible. More company incorporations, fund raising and job creation subsequent to the projects supported so far are expected to materialize in the coming months.

Hence for each franc of support granted by venture kick, the spin-offs were able to raise another CHF 39.



VirtaMed, the first ever project to win full venture kick support is selling their surgical training systems worldwide now.

Outlook



InSphero AG was incorporated 2010. The company plans to grow to a 100+ employee by 2015.

The achieved results and the very positive feedbacks from experts, universities and spin-offs strongly motivate the initiators to further develop the support program. For 2013, the following figures are planned:

- 200+ applications;
- 168 projects presented in 30 jury sessions (96 venture pitch / 48 venture case / 24 venture kick);
- 84 projects funded (48 at CHF 10.000 / 24 at CHF 20.000 / 12 at CHF 100.000);
- 30 kickers camps (2-day workshops in small groups);
- CHF 2.160.000 in financial support.

The major challenge is to secure sustainable funding for venture kick for the coming years. In addition to the existing commitments of the donating foundations, CHF 1.5 mio. is needed for the 2014 / 2015 budget, in order to valorize the

existing innovation potential of Swiss universities and to make the vision of doubling the number of spin-offs in Switzerland a reality.

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

venture kick is aiming to achieve the following goals, expressed as cumulated figures by the end of 2013:

- 225+ newly incorporated innovative high-tech companies;
- 500+ mio. CHF financing volume invested in these companies;
- 2.500+ high-quality and sustainable jobs.

New Support Model

venture kick support is provided in three stages as described hereafter. At each stage, 50% on average of the presented projects are eligible for support. In addition venture kick supported projects benefit from a 2-days "kickers camps" after each stage with hands-on support to execute on their business development. Selected entrepreneurs are also offered a privileged access to the venture kick network.

A New Entrepreneurial and Philanthropic Model to Support Startups

As of January 1st 2013, venture kick has adopted a new support model including equity participation at the third and final stage.

All proceeds from the subsequent shares' sale will be exclusively re-invested into the support of the next generation of promising entrepreneurs. This new model aims at strengthening the philanthropic and entrepreneurial approach of venture kick, where supported startups will be contributing part of their success to the next generation.

The winners of the stage 1 (brilliant business idea) and stage 2 (solid business case) will continue to receive CHF 10.000, respectively CHF 20.000 à fonds perdu, with a moral pledge of giving back to the entrepreneurial scene in case of success.

The new participation model is applied at the final stage only, where beneficiaries can receive an additional CHF 100.000. The ownership level will be based on a valuation obtained at a qualifying round set for an investment of CHF 500.000. or more at a valuation higher than CHF 1.300.000. If within 3 months before the stage 3 presentation date, the company has closed such a financing round, venture kick will adopt this valuation. If no such financing round has taken place, venture kick will receive 10% of the company, and will adapt its ownership to the valuation obtained at the first qualifying round during the 24 months after the presentation date at the final stage, proportionally reducing its ownership.

The new support model is the result of a strategic reflection initiated by the Strategy Board of venture kick. Its main objective is to strengthen and clarify venture kick's philanthropic and entrepreneurial philosophy where it is made natural to supported startups that their success will directly benefit future generations of entrepreneurs and thus society. At the same time, the new model should contribute to the long term success of venture kick, helping to secure the support of many more innovative projects at Swiss universities.

Highlights

For many Swiss startups, venture kick is a starting point for a sustainable and successful future. Here are some current examples:



The Swiss Multi-Million Dollar startup: HouseTrip.com is one of the largest holiday rental websites in the world, offering holidaymakers and holiday apartment owners a safe and easy-to-use platform to find, book and list holiday apartments, houses and villas securely online. The concept is simple: when taking a trip, anyone can book a whole apartment or villa for the price of a hotel room. By the end of 2012, travellers will have booked more than 3 million nights via HouseTrip since its launch. The new Swiss TOP 100 winner with offices in Lausanne, Lisbon and London just raised a US \$ 40.000.000. Series C funding round in October 2012 and was founded in 2009 by Junjun Chen and Arnaud Bertrand.



Enabling personalized cancer medicine: ProteoMediX is specialized in the identification of novel biomarkers for the early detection of cancer and the personalized treatment thereof. The first product currently developed is a blood-based test that enables the diagnosis of prostate cancer with significantly higher accuracy than today's clinical standard. The result is significant cost savings for the healthcare system and less discomfort for the patient. Year 2012 was great for the venture kick winners Christian Brühlmann (l.) and Dr. Ralph Schiess (r): After raising CHF 2.600.000. in Series A Financing they won the W. A. de Vigier Award, the Life Sciences Prize and the Swiss Technology Award 2012.



Revolutionizing allergy diagnostics: Abionic is developing a portable biomedical device, based on Abionic's proprietary nanofluidic biosensor technologies, that has been designed to detect allergies to substances such as pollen and food or allergies to various domestic animals. Abionic provides a high-quality allergy diagnostic readout within only 15 minutes, based on just a single drop of blood. In 2012 the venture kick winner from Lausanne closed its first financing round led from leading Swiss firms and was granted the Red Herring Top 100 Europe Award.



Paving the way for a new era of scanning: Dacuda, the inventor of the world's first mouse scanner, is offering low-cost digitization technology based on real-time image processing and computer vision. Dacuda's patent pending, proprietary SLAM Scan® technology enables fast data entry of text and images, instant editing, as well as easy sharing of contents. After the global launch with electronic partner LG, the prize-winning startup is ready for new challenges. In 2012 Dacuda's co-founder Dr. Alexander Illic has been elected Entrepreneur of the Year® by Ernst&Young in the category "Emerging Entrepreneur".

Finances

In addition to the "support money", the "support process" and "jury sessions" are to be considered as "direct project expenses" (according to Swiss GAAP FER 21). For the year 2012 the proportion of project vs. operations cost is approximately 90% vs. 10%. For a fifth full year of operation, this can be considered as good.

	Actual 2012		Budget 2013	
DIRECT STARTUP PROJECT CONTRIBUTION				
CASH SUPPORT FOR STARTUPS	1.980.000	56%	2.160.000	60%
Projects at CHF 10.000	480.000		480.000	
Projects at CHF 20.000	500.000		480.000	
Projects at CHF 100.000	1.000.000		1.200.000	
INDIRECT STARTUP PROJECT CONTRIBUTION				
BUSINESS DEVELOPMENT SUPPORT FOR STARTUPS	1.098.311	31%	1.060.000	29%
Selection process for more than 220 projects; Evaluation of 300+ applications at all stages; Reference checking and phone interviews; Validation of 168 projects for presentation	121.500		120.000	
Connecting with Investors & Supporters; Introductions to Industry and Pilot Customers; Organization and execution of 29 Jury sessions with experts; Management of of Jury and Experts pool	392.000		380.000	
Organization and execution of 28 Kickers Camps; Written Feedback-reports and pitch videos; Monthly reporting process; Startup Hotline	361.600		350.000	
Press releases and articles, including translations d / f / e for international visibility; Promotion of startup portraits in multiple channels (startup.ch, startwerk.ch, inno-swiss.com)	164.800		160.000	
Development of business tools, checklists and templates for startups and entrepreneurs; Business Navigator, VekBase, Abaweb	58.411		50.000	
ADMINISTRATIVE COSTS				
PROGRAM MANAGEMENT	320.300	9%	289.156	8%
Planning / Team Management / Reporting / Controlling	81.000		80.000	
Promotion at all Swiss Universities / Partnerships	94.300		90.000	
Acquisition of further donors / foundations	61.600		50.000	
IT Management / Website / Intranet / Newsletter	73.400		60.000	
Strategy Board / Revision / Accounting	10.000		9.156	
VAT (8%)	113.489	3%	107.932	3%
Total	3.512.100	100%	3.617.088	100%

Supported Projects 2012

Stage 30: Full support with CHF 130.000
 Stage 25: support CHF 20.000
 Stage 20: support CHF 20.000 / in process
 Stage 15: support CHF 10.000
 Stage 10: support CHF 10.000 / in process



Carlos Alberto Ruiz Preciado

Uni Zürich

Flatev GmbH

Flatev GmbH is a start-up based in Switzerland which develops flatbread machines and their corresponding dough capsules. Their innovative preparation method and food technology revolutionize the flatbread consumption worldwide by offering their customers the easiest and fastest way to prepare a wide variation of fresh flatbread such as Tortillas, Naan, Pita, etc.

VKick Stage 30 / active
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Felix Holzner

ETH Zürich

SwissLitho AG

SwissLitho sells a novel and unique tool for rapid prototyping of nanostructures: The NanoFrazor is faster and cheaper than competing technologies. In addition, unmatched 3D nanostructures can be fabricated. They are so small and precise that this year the Guinness Book of Records published the smallest Matterhorn and the smallest 3D world-map that were both fabricated with the NanoFrazor.

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Dr. Yann Tissot

EPF Lausanne

L.E.S.S. - Light Efficient System SA

A new technology based on nano-structured waveguides enables the implementation of energy efficient distributed illumination devices. The patented technology opens new routes in designing innovative green lighting systems. It is particularly well adapted to be integrated in low power consumption portable devices.

VKick Stage 30 / active
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Daniel Lepori

SUPSI - Scuola universitaria professionale della Svizzera italiana

Designergy SA

Designergy's project goal is to develop an innovative building construction material that implements both solar energy exploitation and energy saving functions in a single element. This will allow the end installer to produce and sell energy with a disrupting shorter investment pay back time than state of the art solar solutions.

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Ricardo Beira

EPF Lausanne

DistalMotion Sàrl

Development and commercialization of a new surgical device that will enable a new generation of minimally invasive surgery in the abdominal cavity. This is achieved by the use of a new mechanical transmission, developed at EPFL, able to provide sufficient dexterity, precision and payload capacity to actuate micro-manipulators. Our product represents a significant improvement over existing manual and computerized surgical equipment and will set a new standard in minimally invasive surgery.

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Andreas Graber

ZHAW

UrbanFarmers AG

UrbanFarmers builds, owns and operates urban farms on city rooftops and vacant urban areas to provide local, organic, healthy food to its urban communities. Their USP is an aquaponic production technology with eco-sustainability with a 90% reduction in water consumption and a significant reduction of CO2 footprint against traditional agriculture.

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Uepaa AG

Uepaa's aim is to turn a smartphone into a life saving device. The core technology will turn the phone in an alpine tracking, alert and rescue device, which connects to other phones directly using a disruptive wireless peer-to-peer technology. Uepaa tracks and finds alpinists even in areas without network coverage or switches phones into avalanche rescue beacons.



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ActLight SA

ActLight is a fabless semiconductor company specialized in the design and intellectual property (IP) for energy harvesting solutions based on solar. The patented technology allows building of solar module with standard low cost CMOS process providing for the first time a smart solar on-chip module with high efficiency, flexibility and easy integration.



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ElectricFeel Mobility Systems GmbH

We enable light electric vehicles to be used effectively and efficiently as a shared mobility service - in companies and cities.



Stella Viktoria Schieffer
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PolyPort GmbH

70% of all transport capacities remain unused. PolyPort offers a convenient opportunity to match your unused transport capacities with sending needs in your vicinity via web and mobile applications. PolyPort is an inexpensive and crowd-sourced alternative to existing logistics services which utilizes existing travel movements more efficiently and in a sustainable manner.



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3db Technologies GmbH

3db Technologies (3db) provides solutions to the problem of making secure applications and systems which rely on proximity verification. Proximity verification determines how close two wireless devices are from each other in terms of physical distance. It is currently used by several systems to provide access to vehicles, buildings, and mobile payments in a insecure way. 3db's novel technology enables secure proximity verification while keeping the convenience and high usability of the current (insecure) systems.



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Interaktiver Spiegel

The systems will be implemented into established department stores. With the help of a sales consultant customers can design their own custom tailored shirts. They can customize anything from fabric to color, patterns, shape and even add accessories to their purchases. Once a customer is pleased with the design of his shirt he can then start a virtual depiction of his designed shirt. This will allow him to see what his shirt will look like and attaches him emotionally to the shirt he just designed. He can then order the shirt directly from the system and will receive his purchase 7-10 business days later in the mail.



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SmartCardia

We have developed an ultra-small portable cardiac monitoring device and software that is a leap forward compared to today's bulky patient worn ECG monitors. The device continuously records and transmits the ECG data to a smart phone and from there to a hospital center or directly to the doctor. We have developed complex algorithms that can automatically detect dangers in the heart beat, such as the different arrhythmia events. These algorithms are directly embedded on a smart wearable ECG monitoring device and can automatically trigger a warning to the doctor/hospital in case of such events.



Prof. Dr. Paulo Goncalves

Università della Svizzera italiana

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SwissLeg Sagl

SwissLeg is an affordable high-mobility artificial leg aimed at meeting demand in the developing world. Applying an innovative prosthetic design and a simple manufacturing process with cheap and readily available materials, SwissLeg produces comfortably fitted advanced mobility below-knee (BK) and above-knee (AK) prosthetic legs at an average price of US\$ 400.



Benjamin Krempel

Andere - Autres - Others

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PumpTire AG

PumpTire is commercializing the first self-pressurizing bicycle tires and inner tubes. Imagine taking your bicycle out of the garage and never having to fill up the tires or even check the pressure. Or imagine yourself being able to change your tire pressure on-the-fly with a simple adjustment from the handlebars. PumpTire is developing both of these systems.



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Geosatis SA

Geosatis develops a complete solution for offenders under electronic monitoring. The innovative technology localizes with high security and precision standards the offenders. The products and services decrease the cost of conventional electronic monitoring and also the hidden costs of social reinsertion that could be extremely high.



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DynaDes

The project deals with the transfer of novel software technology for drug design, developed recently in the Cafisch group at the University of Zurich (UZH), as well as medicinal chemistry know-how, to a spin-off of UZH for the development of small-molecule drugs against cancer.



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Stignergy AG

Stignergy has been developing SEMS, (Smart Energy Management System) an innovative management system that control power load demand and reduce electricity costs for business companies by scheduling the consumption of the electric current load.



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CombaGroup SA

CombaGroup implements a new way of growing lettuce in getting rid of the main traditional obstacles: weather variations, pests and disease, cost of manpower, large growing surfaces, delocalisation and transportation in winter.



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faceshift AG

faceshift is a technology for facial expression recognition that allows users to enact virtual characters in real-time. The technology is used for rapid content production in the animation market and as a novel communication metaphor in virtual worlds and social networks.



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TransCure Biosciences Holding SA

TransCure Biosciences (TCB) is providing humanized mice for pharmaceutical companies and the scientific community as models for immune diseases (e.g. HIV/AIDS), cancer and antibody testing.



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Dolfinos

Dolfinos provides rest-systems for violin and high string players at all ages and all levels. The user of the device is protected from medical and ergonomic problems. Based on interdisciplinary research and development the innovation helps everybody to learn and play the violin easier and with more comfort.



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Amal Therapeutics SA

Amal TheraPeutics SA is a privately-held swiss start-up company, spin-off of the University of Geneva incorporated the 3th of September 2012. Its mission is to develop and progress novel therapeutic cancer vaccines with a proprietary family of vectors.



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LocalUncle (formerly loqize.me AG)

A teleportation service that lets the user visit places and areas before/without actually going there. No longer the user has to physically go somewhere just to see what's going on. LocalUncle is an insanely powerful tool that will make humanity as a whole more intelligent and the world a better place.



Dr. Philipp Kirchhoff

Uni Basel

Koring GmbH

The present invention provides a novel implantable ring device for prevention of a parastomal hernia in patients who receive a permanent stoma. The invention consists of a non absorbable, flexible ring that is sutured to the anterior and posterior sheath of the abdominal wall.

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Arnaud Tourvieille

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HumanVet

Development of a drug-delivery biodegradable implant for improvement of pain management in animals laboratory that undergo experimentations for research or development purposes.

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Christian V erard

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4D GeoSystems

We aim to develop a software & services company specialised in the reconstruction of the geological and climatic history of the Earth. Using 3D palaeo-geographic models, our product is intended primarily for oil and mining companies.

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Christian Stocker

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Planipes

System to wirelessly record and analyze foot pressure distribution. Due to the decision to process and log the data on the user's smart phone, the wearable sensor could be designed in a small form factor and at low cost.

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Dr. Mauro Sette

ZHAW

M7 Devices GmbH

M7's mission is to reduce the risk during the surgical procedures, developing systems that allow the surgeon to have a better control on the surgical field. This will be realized introducing advanced and intuitive methods for the visualization and control of surgical instruments. As consequence we will contribute to make any surgical procedure more effective, fast and safe.

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Mattias Ivarsson

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Inositec

The technology aims to eliminate the possibility of resistance to treatment arising and to improve the clinical outcomes currently obtained with antibiotics.

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Dr. Thorben Keller
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Cosibon AG

Cosibon will provide retailers and brands a novel and unique way to interact with their customers and to show them who their real product evangelists are. The core of the work is a digital version of a receipt which the customer will receive on his smartphone right after checkout.

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Alexander Zundel
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All About Cars iPhone App

Developing of an application which will present to the user general information about cars, such as top speed, 0-100km/h acceleration, horsepower, torque, fuel consumption, CO2 emissions, as well as the basic price. There will also be a couple of photos of the interior and exterior of the car.

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Alexander Hasse
EMPA

Monolitix AG

The disadvantages of conventional surgical instruments, e.g. high costs and poor cleanability, can be avoided by using compliant instrument as developed by Monolitix. This differentiation leads to a strategic success position in the huge market of medical instruments. This project aims for the development of ready-to-market surgical instruments based on the technology of compliant mechanisms.

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Philipp Maier
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appetini GmbH

appetini is a combination of a restaurant reservation service and a deal portal. Customers book tables in restaurants and automatically receive a 30% discount on the total bill. Restaurants decide when and how many tables to offer and as a result manage and optimize their capacity utility and financial bottom line.

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Prof. Dr. Theo A. Tervoort
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Taenia Tec

A novel high-performance unidirectional foil which combines good mechanical, barrier and damping properties.

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Laurent Bindschaedler
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LakeMind

LakeMind offers software that makes cloud services more reliable. When cloud services are down, identifying the cause of the problem along the service provisioning chain can be difficult. By automating this task, LakeMind drastically decreases the duration of service outages, and enables cloud service providers to reduce risks and avoid legal disputes.

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Gabor Kovacs
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CTS Compliant Transducer Systems GmbH

Development, production and commercialization soft EAP transducers in multilayer stack configuration for applications like novel man-machine interface and compliant highly integrated mechatronic systems is our mission.

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Walter Krummenacher
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Polarmond AG

The functions of a tent, air mattress and sleeping bag are combined in ONE inflatable product. The air- and water-tight insulation and the thermally optimal insulated interior space are the key factors. Goal: Optimise the warming up performance, the sleeping comfort and the weight / volume of baggage for alpinists, expedition members and trekkers.

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Anthony Aho
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PB

Make breasts grow naturally. A local injection to the breast of biodegradable microspheres loaded with lipids and proteins signals them to increase in volume.

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Dr. Marie-Christine Fluet
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VPIT Virtual Peg Insertion Test

We have developed an assessment test to rapidly and objectively evaluate arm and hand sensorimotor functions after a stroke. Quantitative data reflecting diverse impairments are measured using a robotic device equipped with position and force sensors, and a diagnostic is performed with a depth, precision and repeatability that humans and current tests cannot achieve.

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Dr. Appu Shaji
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Insight

The fundamental ingredient of an attractive photo is its composition. Insight is an A.I. based tool that provides automatic suggestions to obtain the best composition within a photo. Currently we are focusing on mobile app and API service market for monetizing opportunities.

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Julie Garg
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CashSentinel

CashSentinel addresses an unmet niche in the online payment services landscape. It provides a secured way to make on-the-go payments between private individuals as well as with selected professionals.

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Franck-Eric Flegbo
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The SU MIA MISURA Project

The SU MIA MISURA Project aims at finding and recommending the right-size to customers seeking shoes online, no matter the model, no matter the brand.

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Marc Sommer
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Novaccess SA

Novaccess is a start-up company developing innovative products for the Web of Things. We make physical objects smarter, by interconnecting them through a ubiquitous software fabric. Our deep expertise in hardware, networking and software technologies allows us to craft end-to-end solutions with unprecedented levels of customization, efficiency and manageability. We create value across diverse application domains.

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Gabriele Bellini
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Betech - Smart Toys

Our business core is based on the development of advanced technologies, in particular electronic and software. Those will be embedded in objects, in order to increase the interactivity experience of a child with the toy, and with that, his creativity.

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Patrick Galliker
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Scrona

Scrona proposes a novel technique that could highly reduce cost and complexity in both micro- and nanofabrication for a multitude of existing, emerging and even new products or product elements.

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David Zogg
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sympMe

Bringing dating "back to the roots". Instead of providing a pseudo-scientific personality check, icebreaker wants the users to make their own decisions based on their instincts.

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HydroSpec

HydroSpec aims at improving the management of contaminated water in increasingly populated urban areas by monitoring water quality without physical contact, providing accurate data in real time for authorities.

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VeloLock

VeloLock will revolutionize the old-fashioned bicycle market, by connecting bikes to the Smartphone generation with our recently patented 2.0 GPS bicycle lock.



Jérémy Grandjean
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Cherry Checkout

Paying is never fun. Cherry Checkout is a plug-in to e-commerce websites giving e-shoppers a fun checkout option: Pay CHF1 more for the chance to win the basket of goods you are purchasing all while supporting a charity of your choice. Play. Donate. Win. The value proposition to e-commerce companies: a risk free revenue stream and marketing solution.



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Translatomic AG

We have developed and secured a technology that allows for a systematic analysis of protein synthesis. Our approach has important implications for early drug development and shall be offered as a drug-profiling service to the pharmaceutical industry. We further intend to expand the scope of the company by extending the applications to providing biomarker discovery and drug discovery. Thereby, Translatomic shall be involved in selecting and generating the world-best and most specific drugs for personalized medicine and for treatment of unmet medical needs. For potential investors our project is an exciting opportunity to participate in a bio-technology in its early booming phase.



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Teralytics AG

We intend to offer our customers "Big Data Apps" for cost-efficient and scalable analysis of large amounts of data. Our Big Data Appstore contains prebuilt modules designed for common use-cases that empower our customers to analyse Terabytes of unstructured data ("Big Data") out of the box on their computing-cluster. The modules run on Hadoop, the de-facto standard for Big Data computation, both in local deployment and in the cloud.



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C-EyeTip

CXL (corneal collagen-cross-linking) is a relatively new ophthalmic treatment that uses UV-light and riboflavin to create biochemical and biomechanical changes that strengthen a compromised or diseased cornea. Initially developed for the treatment of corneal degeneration (keratoconus), recent reports indicate that CXL is also effective in arresting all forms of corneal infections (more frequent than keratoconus). With these findings, Prof. Hafezi and Dr. Olivier Richo are developing a medical device (C-EyeTip©) to be used for both keratoconus and corneal infection.



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Aicue Sàrl

The business idea consists in a service helping event promoters tackle the loyalty of event attendees by embedding into their websites user-friendly interfaces with state-of-the-art technologies and protocols, which allow to contribute, personalize and generate rich media on the fly.



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The Entrepreneurs' Ship

The Entrepreneurs' Ship is a non-profit project which aims at fostering entrepreneurship as a viable career option in areas where high levels of unemployment or difficult employment situations leave little room for individuals with high ambitions.



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AirXCell

AirXCell revolutions the usual approach in spreadsheet applications by merging the world of both spreadsheet and computational software.



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AgriCircle AG

AgriCircle addresses the farmers dilemma of being squeezed between low agro-output prices and high agro-input costs in a 12bn € European market. With our e-commerce platform, we will offer professional networking, convenience and competitive prices to farmers.



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Buddybroker

Buddybroker is a fresh, revolutionary approach to online recruiting. The integration of a performance-based pricing model in combination with a unique pin board design, an intuitive concept of use, as well as the most recent and popular developments in the area of the social web will set the beginning of a new era of (social) internet job portals.



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Qloudlab

Qloudlab develops a universal diagnostic platform based on Touchscreen technology. The concept aims to turn a standard Smartphone into a medical devices for Point-of-care testing.



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TeachPoint

An online market for tutoring with an online classroom. Tutors can offer their service via the market. The classes are held directly on the website. All the transactions are processed through the website, which in turn will request a commission.



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