



EPFL Innovation Ecosystem

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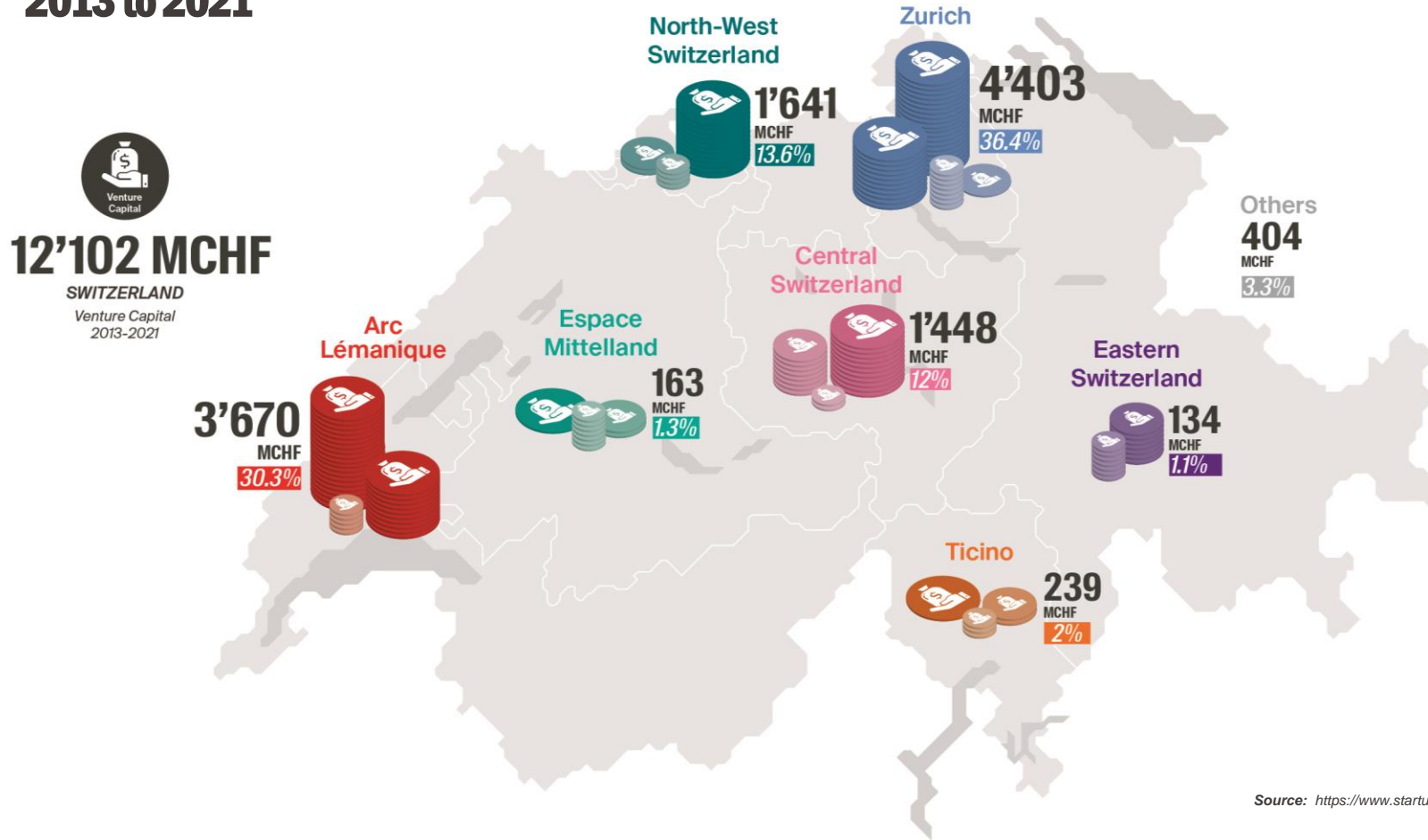
May, 2022



Venture Building

Venture Capital in Switzerland

2013 to 2021



33

New startups

778.6

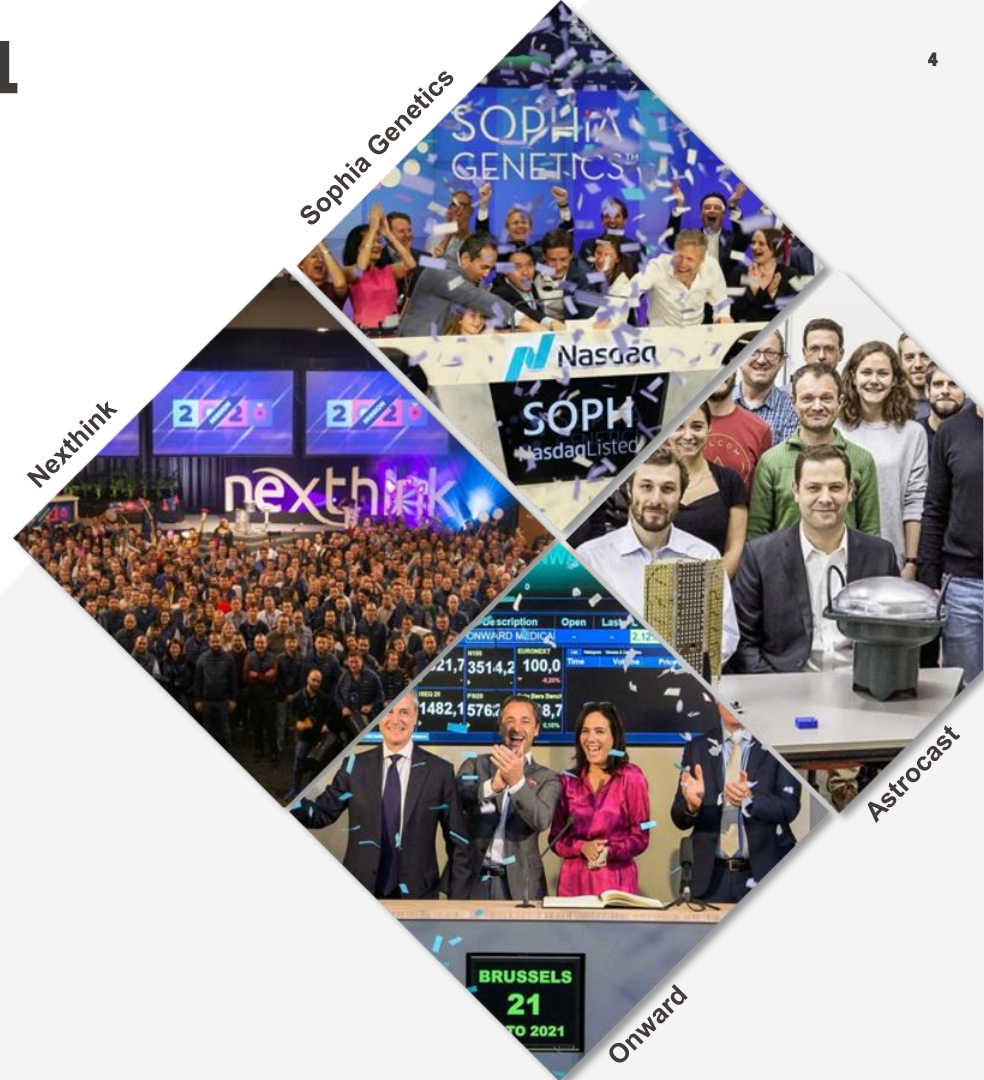
MCHF raised

17

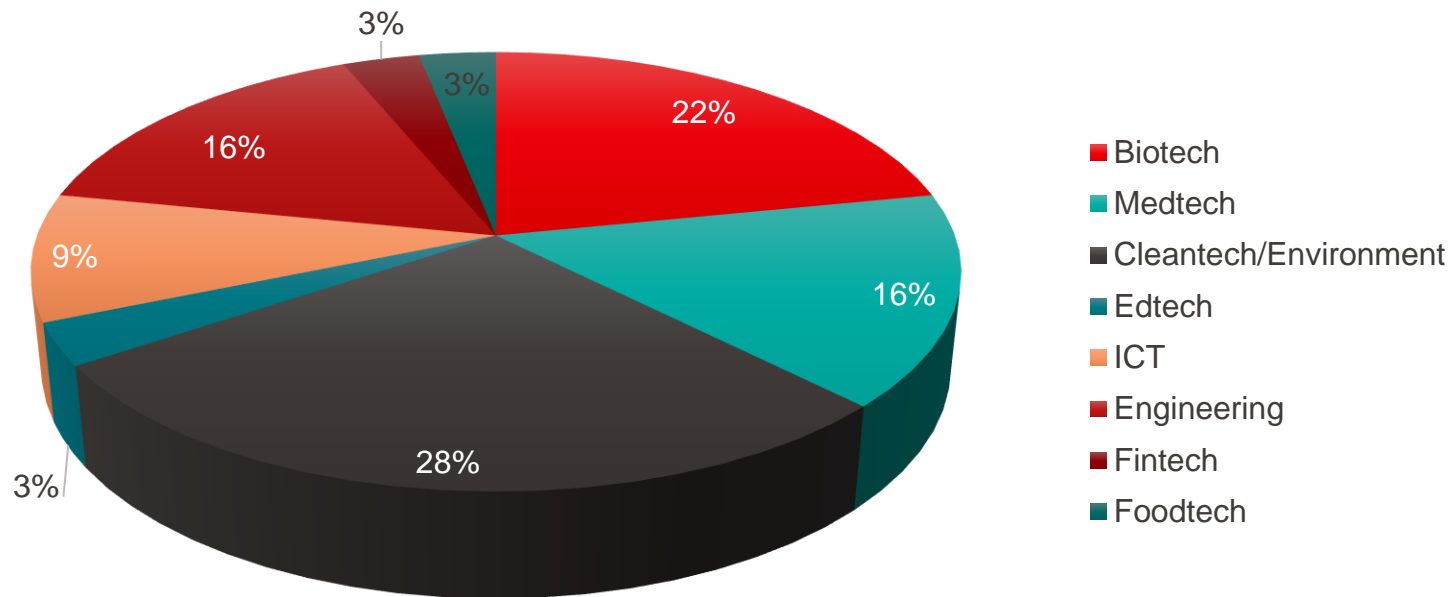
Seed rounds
(1MCHF<5MCHF)

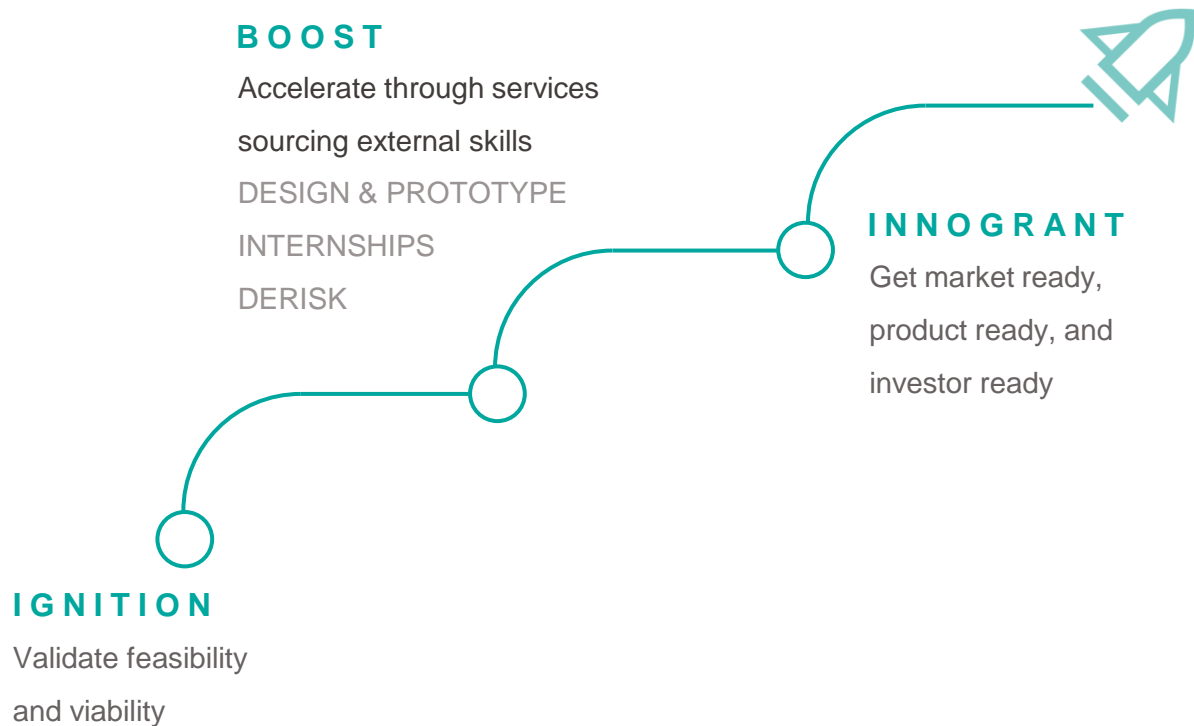
9

Scale-up rounds
(+20MCHF)



EPFL Startups by sectors for 2021





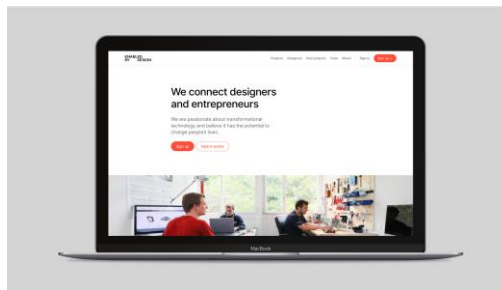
EPFL EPFL – UNIL : building together the next generation of startups ⁷



UNIL | Université de Lausanne



The Startup Launchpad



the station

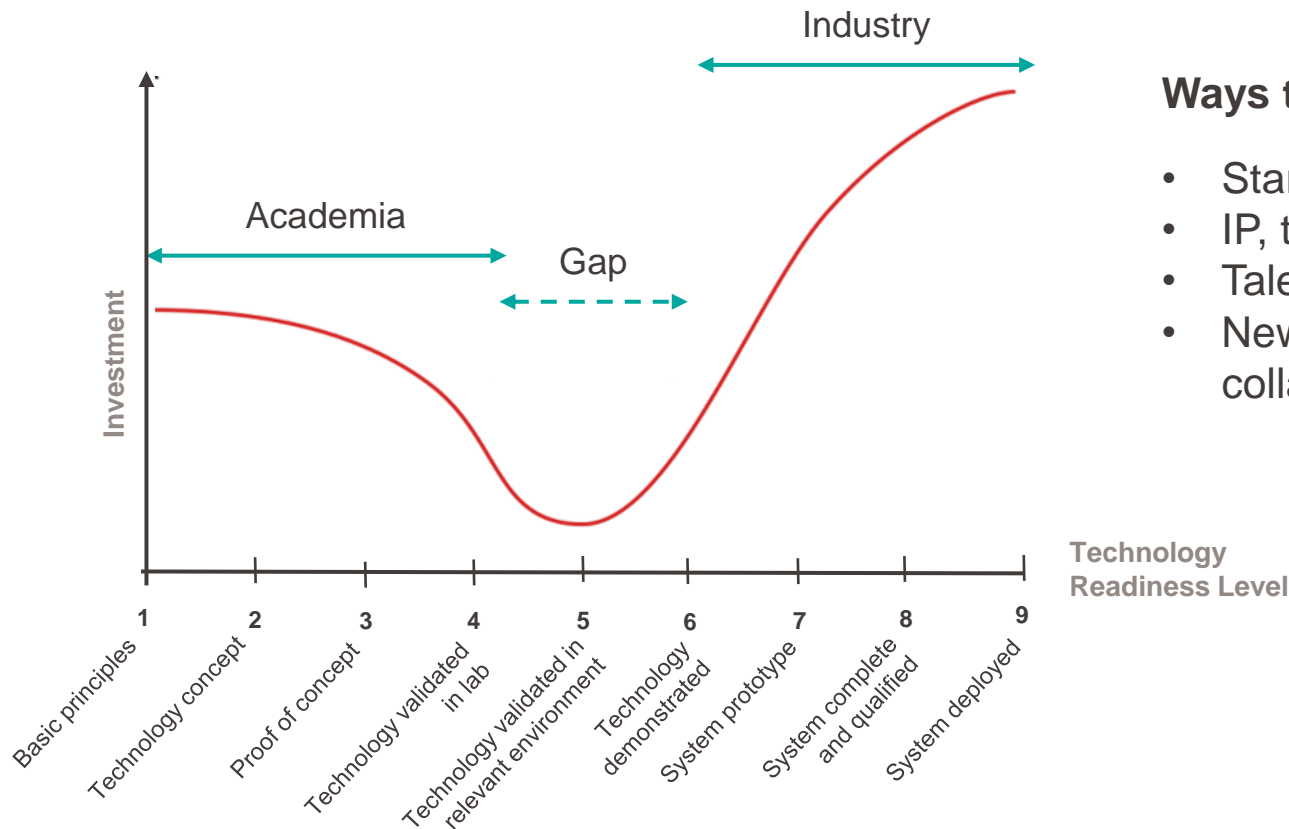
events +
workshop ✕
community ✕

- Strengthen the startup community
- Build an extended network around the community
- Host startup programmes
- Increase the visibility of the EPFL Startup Launchpad Students



Industry collaboration

Valley of Death between Research to Product



Ways to bridge gap

- Startups
- IP, tech transfer, licensing
- Talents, cont.education
- New industry - academia collaboration models

EPFL Innovation Park

A rich variety of industries

INFORMATION TECHNOLOGY - FINANCE - COMPUTING



CREDIT SUISSE



Viasat

amun

CYBER
DEFENCE
CAMPUS

ELCA



swisscom

logitech

HEALTH - NUTRITION



AC Immune



Agilent Technologies

BÜHLER

Firmenich
for good, naturallyNestlé Institute of
Health SciencesSIEMENS
Healthineers

OCP

MERCK

ENGINEERING - TRANSPORT - MATERIALS

maxon motor
driven by precision

ROLLOMATIC



Schindler



SONCEBOZ



SBB CFF FFS

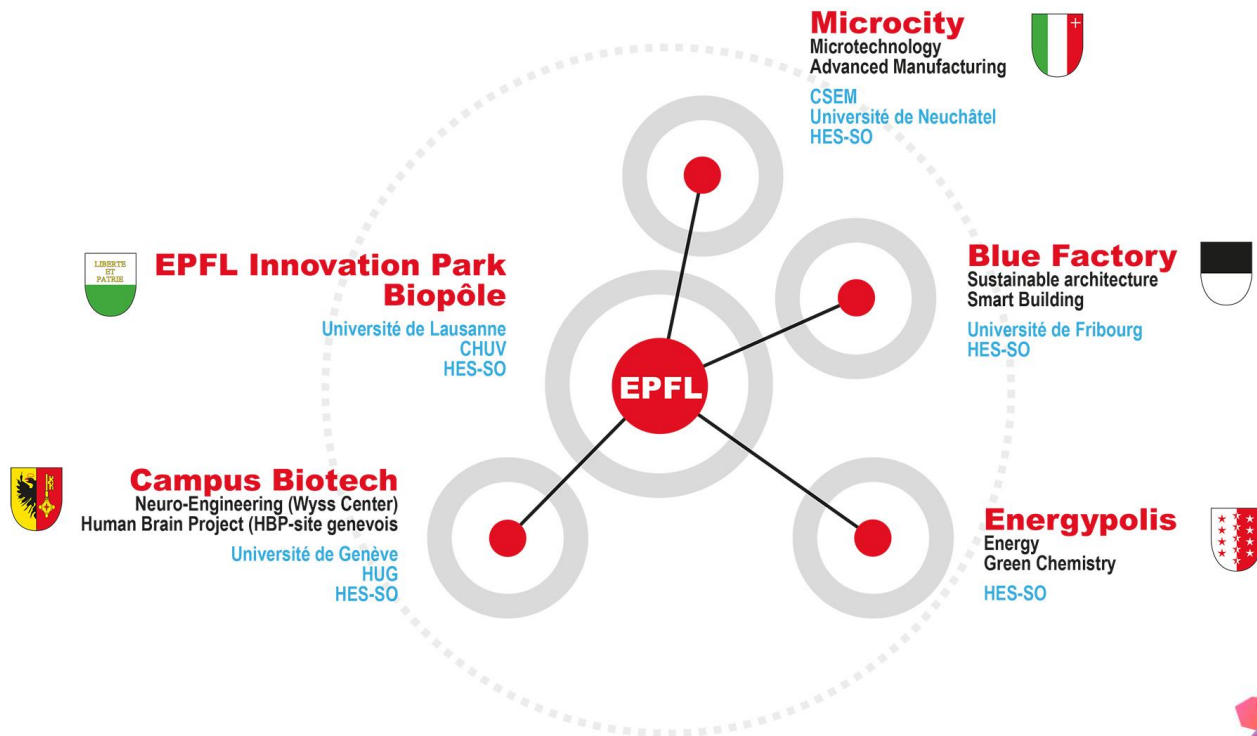


And a community of

- 2'500 people
- 150 start-ups
- 20 service providers

6 innovation sites in Western Switzerland

Perfect match with EPFL's extended campus concept



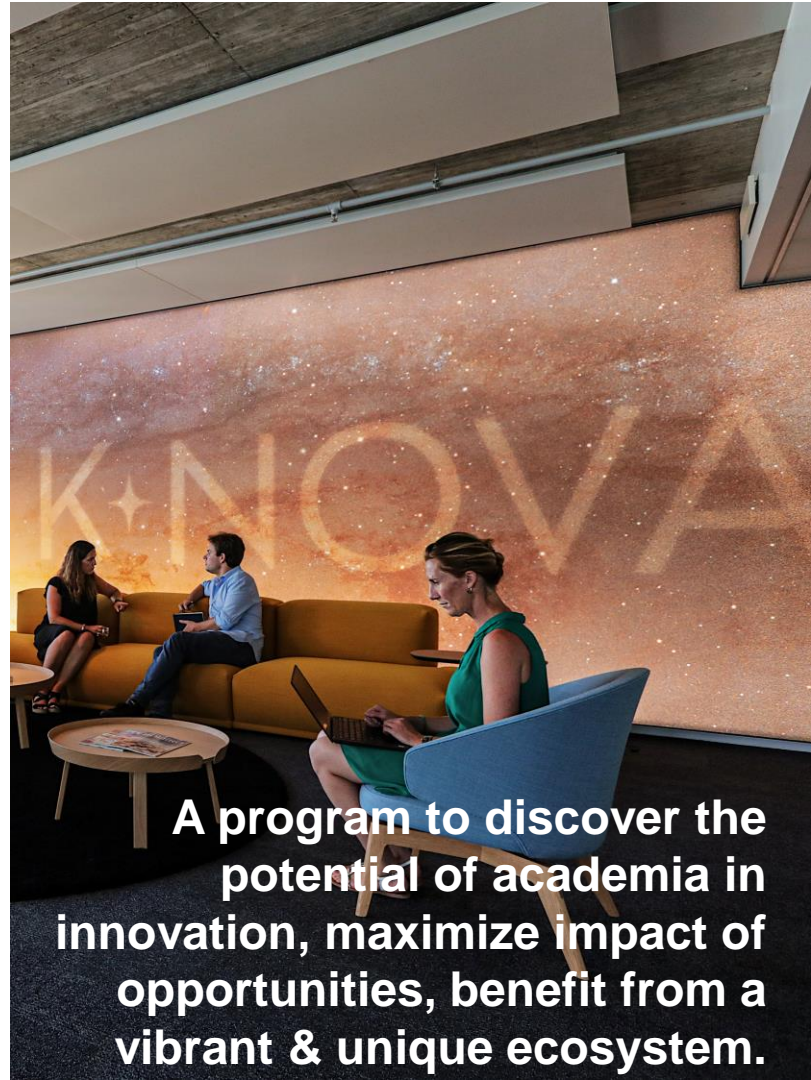
Industry collaboration

Opportunity space



1 Year program to discover the ecosystem

- ✦ **Explore** the EPFL opportunity space
- ✦ **Test the value** of the ecosystem
- ✦ **Build the foundations** of a long lasting relationship
- ✦ **Test Account Management** service
- ✦ **Be physically** at the heart of the EPFL Innovation Park



A program to discover the potential of academia in innovation, maximize impact of opportunities, benefit from a vibrant & unique ecosystem.



Innovation Initiatives

45+ **60+**
EPFL Lab Projects

Sport Technology

Performance, Health and Entertainment. Sports innovations don't just boost athletes' performance, they can improve everyone's life and represent a growing market for companies.

SECOND
SPECTRUM

43

Display options

- Trajectory ☐
- Head to Board ☐
- Compactness ☐
- Rotation speed ☐
- End of jump ☐
- Immersion angle ☐

178°

Right knee angle

175°

Knee left angle

125°

Right arm angle

71°

Left arm angle



ARBR with EPFL science and tech

The Alinghi team together with Red Bull Racing are the new challenger for the America's Cup, and they aim to do it using EPFL science and tech research and startups.



Space
eXchange
Switzerland

Amplify the voices of the Swiss space ecosystem

A new national platform for the promotion of space in Switzerland from the Swiss Space Office (SSO) of the State Secretariat for Education, Research and Innovation (SERI)

- Outreach
- Career
- NPOC (Earth observation)
- Professional Training
- Business with ESA
- Events

www.space-exchange.ch



NGO council

Cross-cutting and collaborative platform comprising 26 NGOs that serve as a source of real on-the-ground challenges for Tech4Dev, changemakers and other VPI activities.

Emerge Labs

Series of collaborative innovation workshops activating interdisciplinary teams of NGOs and EPFL labs to jointly solve some of their most pressing sustainability challenges.

Themes



Data
March



Health
June



Environment
September





1st FemTech Accelerator in CH

In partnership with Groupe Mutuel

- Multiple corporate partners (mentorship, sponsorship & network)
Ferring, Merck, Debiopharm, PwC, , Swiss Biotech Association, BioAlps
- International Partners and Roadshows: Fermata (Japan), Joyance Partners (Boston), Femtech insider (UK), Swissnex Boston /UK
- **110** applications, **102** relevant in FemTech, from **25** countries
- **34** Swiss strat-ups / projects from different regions
- **70** women founders
- **Selected: 15** growth start-ups, **15** early stage start-ups & projects
- **2** parallel programs, tailored, equity-free supports

FemTech



VPI as orchestrator of Open Innovation Ecosystem

Connect EPFL with Society

Startup creation

Collaboration with industry

Innovation Initiatives



Partners / Providers of innovation

EPFL/ CSEM/ CHUV/ UNIL/ IMD /

Startups / VCs incubators /

Other partners

Buyers/ Consumer /

Integrators of innovation

Corporates / SMEs / Government /

International / Users / Others



Merci

Ursula Oesterle