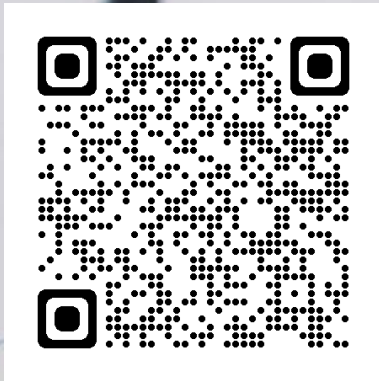
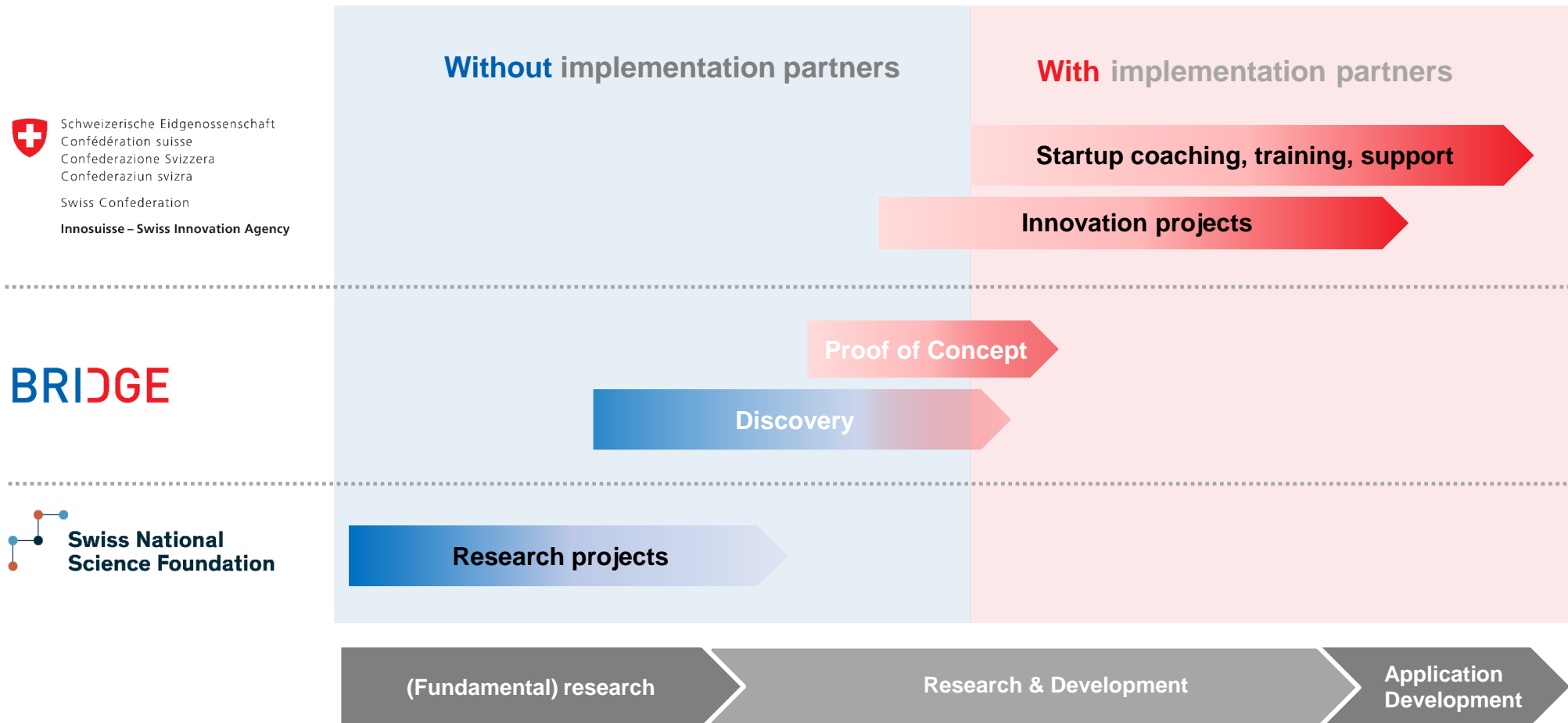


BRIDGE

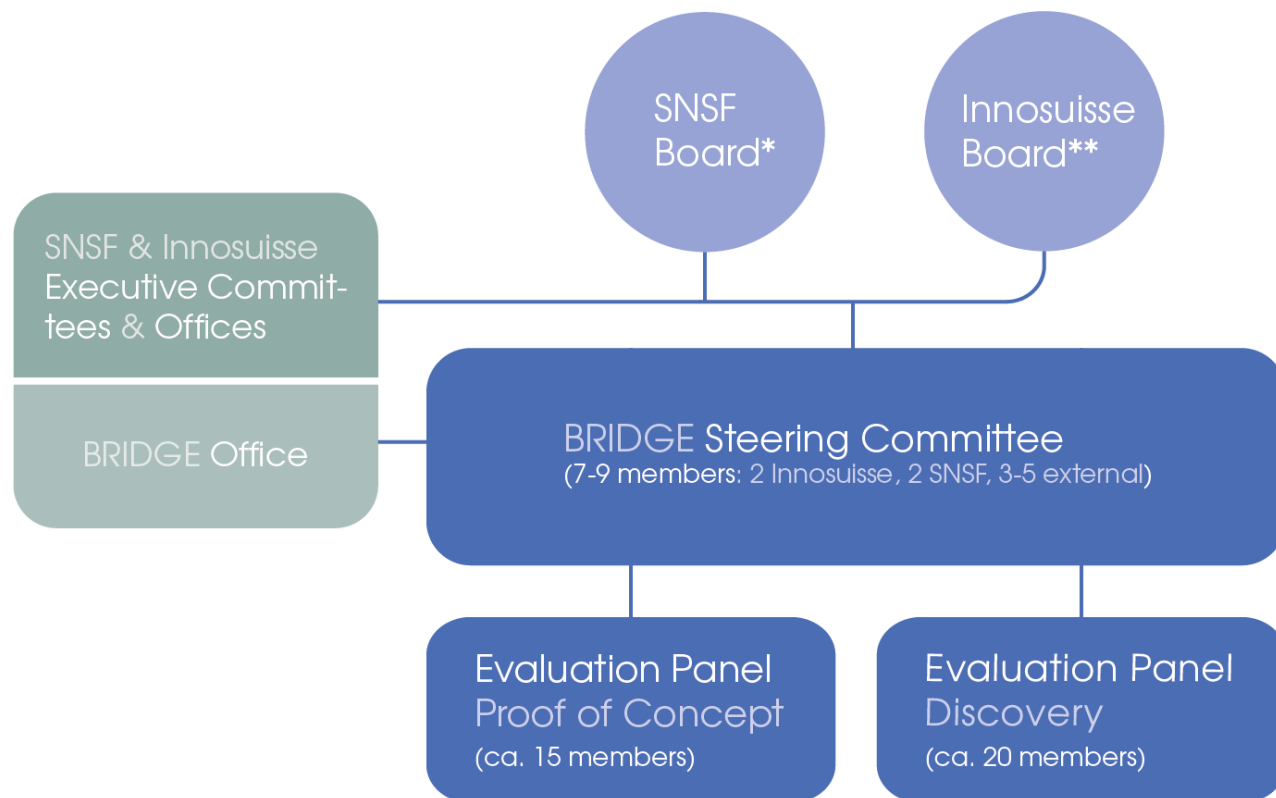


Building Bridges

Complete the funding portfolio



BRIDGE governance



* SNSF Presiding Board of the National Research Council

** Innosuisse Board of Directors

Overall responsibility

SNSF Presiding Board, Innosuisse Board of Directors

Program-specific functions

- Steering Committee
- Evaluation Panels

Administrative support

BRIDGE Office (supported by SNSF & Innosuisse)

Goal of the **program**

« Turn scientific results into economic or societal innovation »

BRIDGE...

- ... fosters the economic and societal potential of scientific research,
- ... supports projects in the critical precompetitive phase that have a clear vision of potential application,
- ... facilitates cooperation between Universities, ETHs, research institutes, and Universities of Applied Sciences, Universities of teacher education.

Two lines of funding

Proof of Concept

- Scientific results developed into a product or an application
- Young researchers on their way to entrepreneurship or willing to implement their research findings with an economic or social partner
- Open to all types of innovation

Discovery

- Interaction between basic and applied research to realise the innovation potential of scientific results
- Importance of the societal and economic impact
- Projects may cover any type of innovation or research field

Proof of Concept

Proof of Concept

Details of the funding scheme

Eligibility criteria for the applicants

- Early stage of career (bachelor's or master's degree, doctoral students, PhD degree obtained within the last four years)
- Support by a Swiss research institution
- Applicants dedicate their full time to the project

Requirements for the project

- Based on the applicants' own research results or on research results they have substantially contributed to
- The underlying science has been peer-reviewed or documented by publications or another record of achievement (e.g., bachelor's, master's or doctoral thesis, thesis presentation, scientific publication, patent)
- Projects may cover any type of innovation or research field

Proof of Concept

Details of the funding scheme

- Up to 4 calls per year
- Projects are submitted by a single applicant

Eligible costs

- Budget of project: max. 130'000 CHF per year
- 100% of applicant's salary (calculated based on current rates at the host institution)
- Costs directly related to the realisation of the project

Duration

12 months (extension of up to 6 additional months exceptionally possible)

Overhead

max. 15% overhead paid to the host institution

Proof of Concept

Details of the funding scheme

Evaluation criteria

- Expected **economical or societal impact** for the envisioned innovation, product or service
- **Feasibility of project** and the **implementation scenario**
- Appropriate level of innovation-based, entrepreneurial and managerial **competences of the applicant**, and **motivation to implement**

Evaluation procedure

- Evaluated by the Proof of Concept Evaluation Panel
- Two levels:
 - evaluation of submitted documents (project)
 - interview of the applicant
- Decision within 3 months

Proof of Concept

Additional support

Assisted patent searches

BRIDGE Fellows can request an [assisted patent search for research and innovation](#)

Support for women

BRIDGE supports career development and network building for the next generation of female researchers through the SNSF's [Gender Equality Grants](#).

Support for PhDs and postdocs working on the project

BRIDGE provides SNSF's [Flexibility Grants](#) to help researchers better balance their childcare responsibilities with their scientific work and academic careers.

Proof of Concept

Additional support

BRIDGE Coaching

A coaching limited to 10h is offered to all BRIDGE fellows

Innosuisse support

- BRIDGE fellows can take part in the Innosuisse [Start-up Training](#) programme, from Module 2 onwards
- Through the Innosuisse [Start-up Coaching](#) programme, start-ups can attend specialist international trade fairs either as visitors or exhibitors

Discovery

Discovery

Details of **the funding scheme**

Eligibility criteria for the applicants

- Experienced researchers at a Swiss research institution

Requirements for the project

- Integration of excellent science and high-impact innovation
- Research is at a stage where the risk is too large for implementation partners to co-fund
- Projects may cover any type of innovation or research field
- Up to 3 applicants of independent research groups with a clear vision of innovation

Discovery

Details of the funding scheme

- One call per year
- One project per applicant

Eligible costs

- Project budget: max. 850'000 CHF per applicants for 4 years
 - Salaries of project personnel, excluding the salary of the applicants (special conditions may apply to UAS and CSEM researchers)
 - Project costs directly related to the project

Duration

Up to 4 years

Overhead

max. 15% overhead paid to the host institution

Discovery

Details of the funding scheme

Evaluation criteria

- **High scientific quality** going beyond state of the art
- The project contains a credible vision of the potential societal, environmental, technological or economical **impact** and benefits of the innovation and its possible **implementation**
- Convincing **roadmap towards implementation**
- Scientific and **innovation-oriented, entrepreneurial** as well as management competence of the applicants

Evaluation procedure

- Evaluated by the Discovery Evaluation Panel and external experts
- Two levels:
 - evaluation of submitted documents (project)
 - interview of the applicant
- Decision within 7 months

Discovery

Additional support

Assisted patent searches

An [assisted patent search for research and innovation](#) can be requested while you are running a BRIDGE project.

Support for women

- BRIDGE supports career development and network building for the next generation of female researchers through the SNSF's [Gender Equality Grants](#)

Support for PhDs and postdocs working on the project

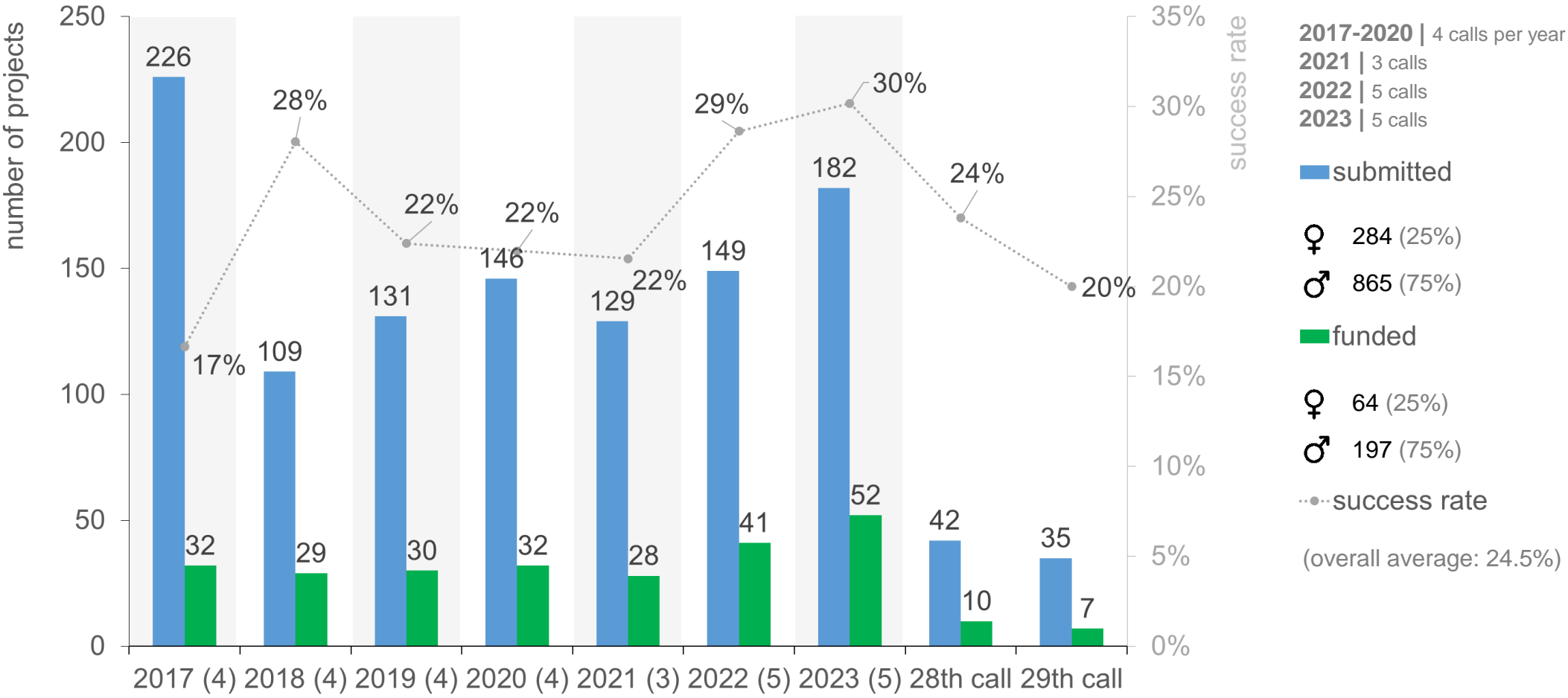
- BRIDGE provides SNSF's [Flexibility Grants](#) to help researchers better balance their childcare responsibilities with their scientific work and academic careers

BRIDGE Status 2017-2024

Proof of Concept information

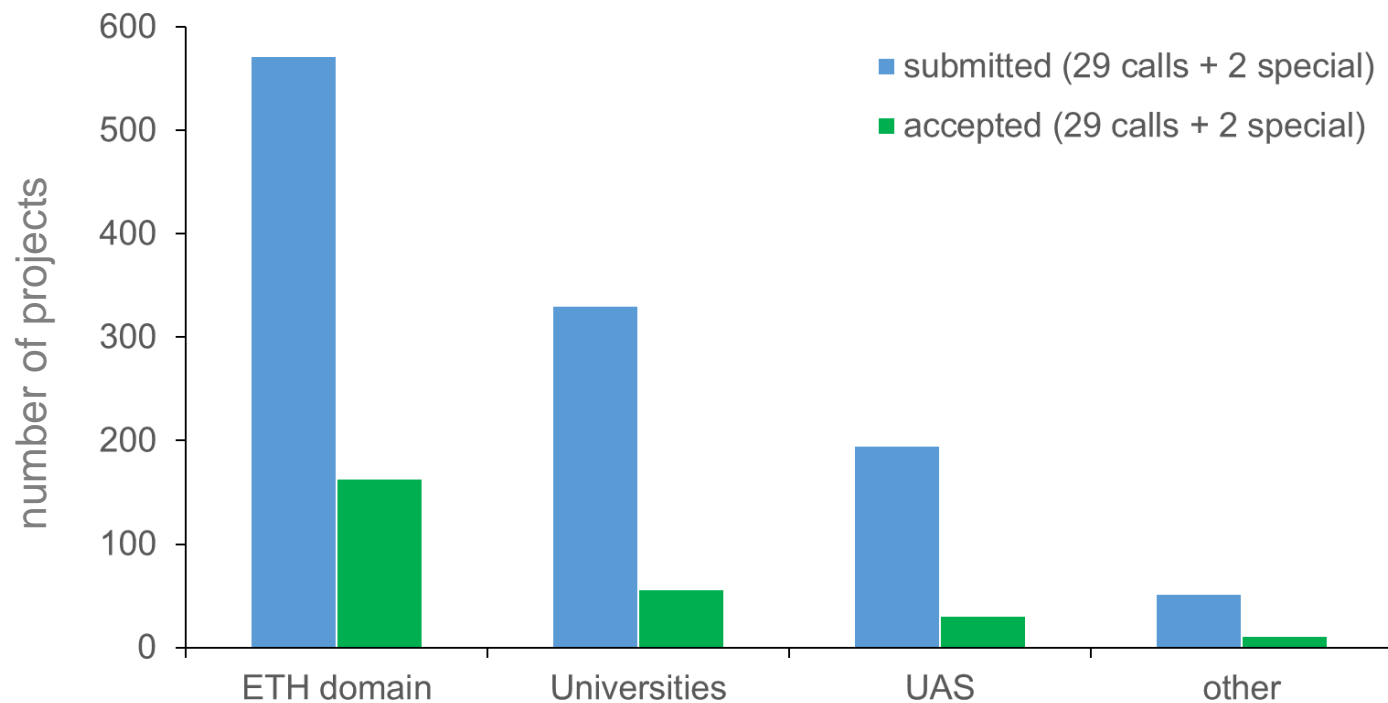
Proof of Concept **Current Status**

Submitted and accepted projects



Proof of Concept **Current Status**

Submitted/funded projects by institutions 2017-2024

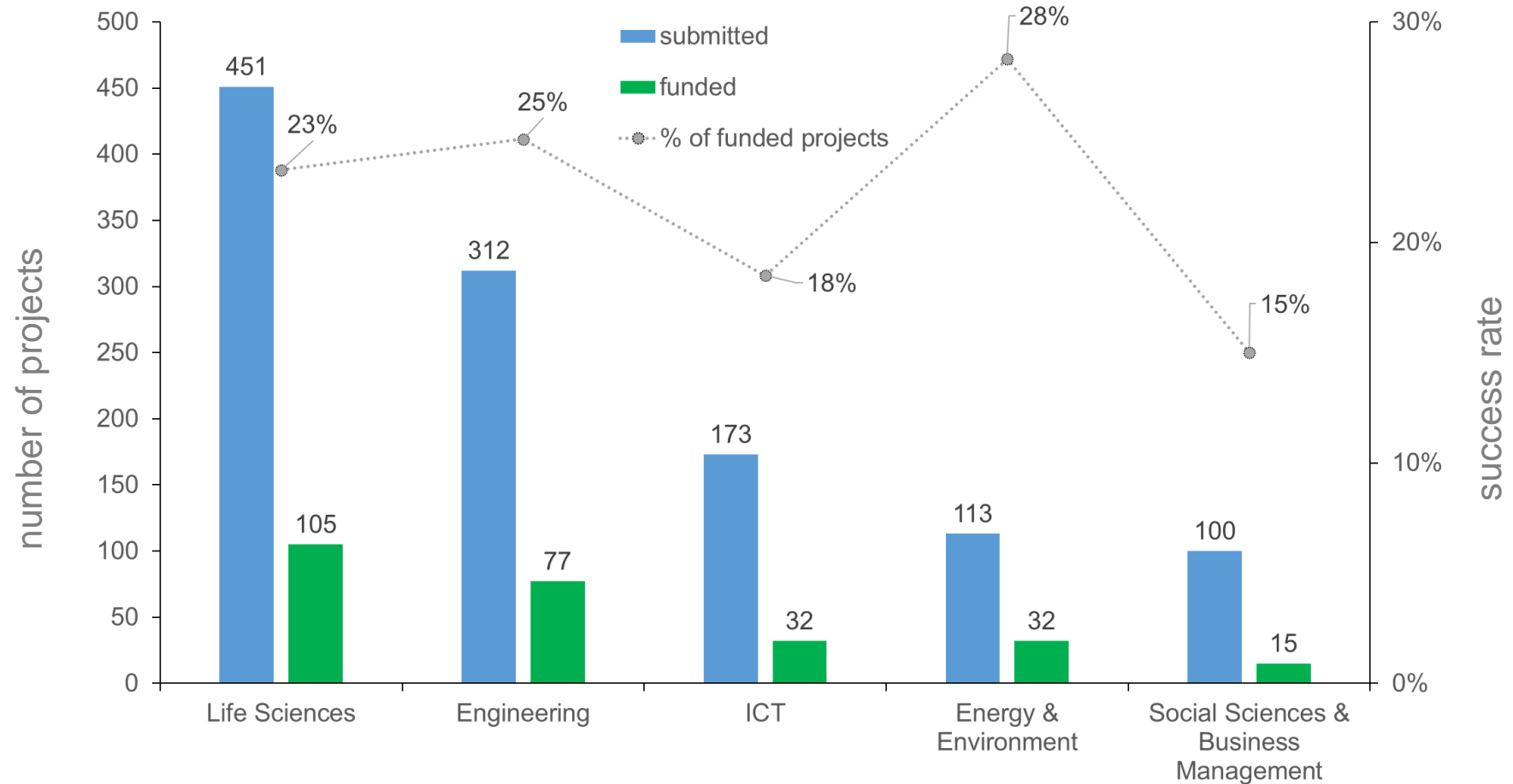


Success rates

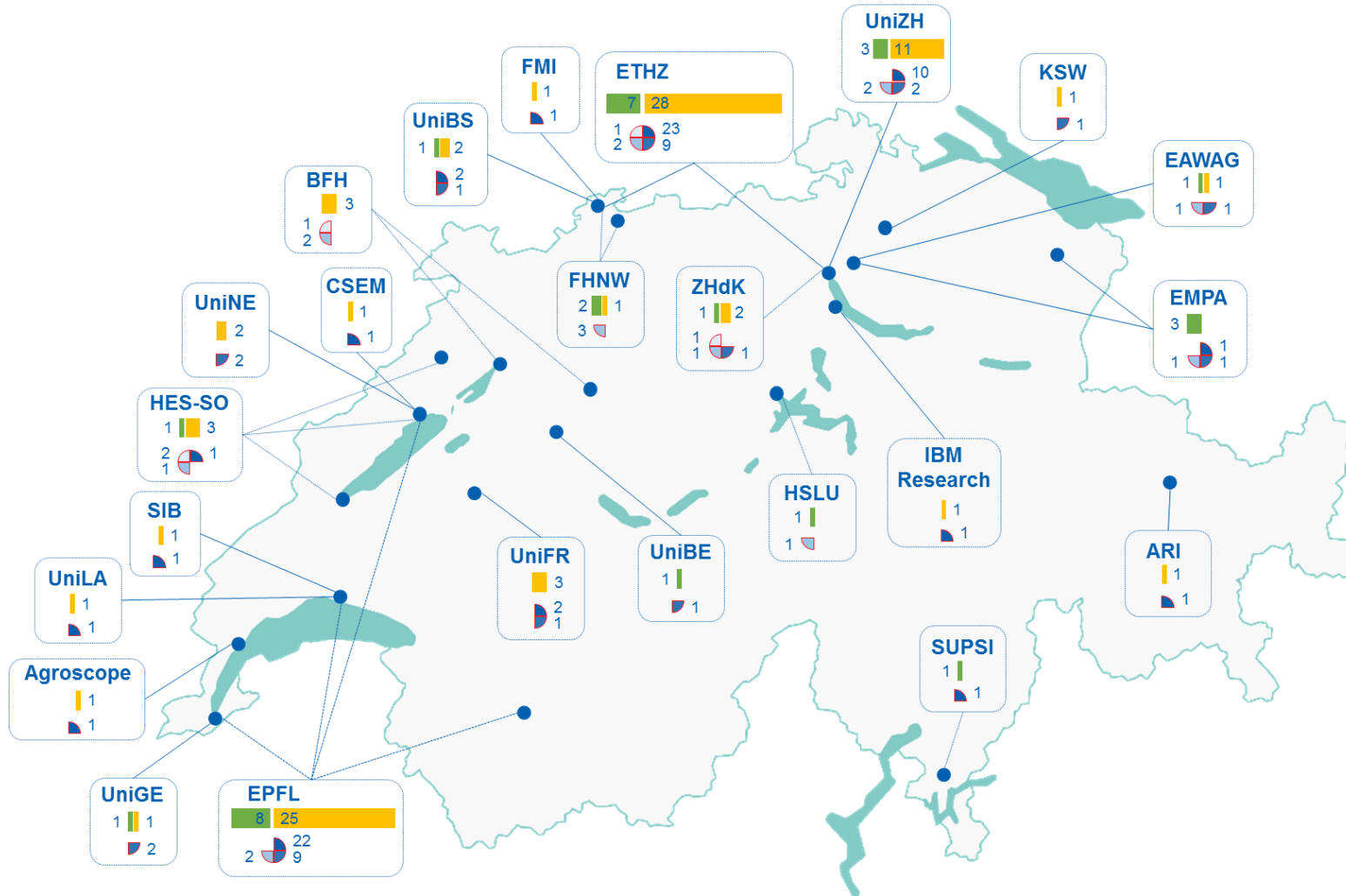
ETH domain	28%
UAS	17%
Uni	16%
Other	21%

Proof of Concept Current Status

Disciplines (calls 2017-2024)



Proof of Concept **financed projects** 2017-2020



16 calls
612 applications
121 projects approved

Total budget approved: **15.2 mioCHF**
Average grant/project: **126 kCHF**

Host institution

Number of supported ...

- ... women
- ... men
- ... bachelors
- ... masters
- ... postdocs
- ... PhD students

Engineering



ICT



Life Sciences



90 start-ups
out of 121 BRIDGE Proof of Concept projects
(16 calls 2017-2020)

Energy & Environment



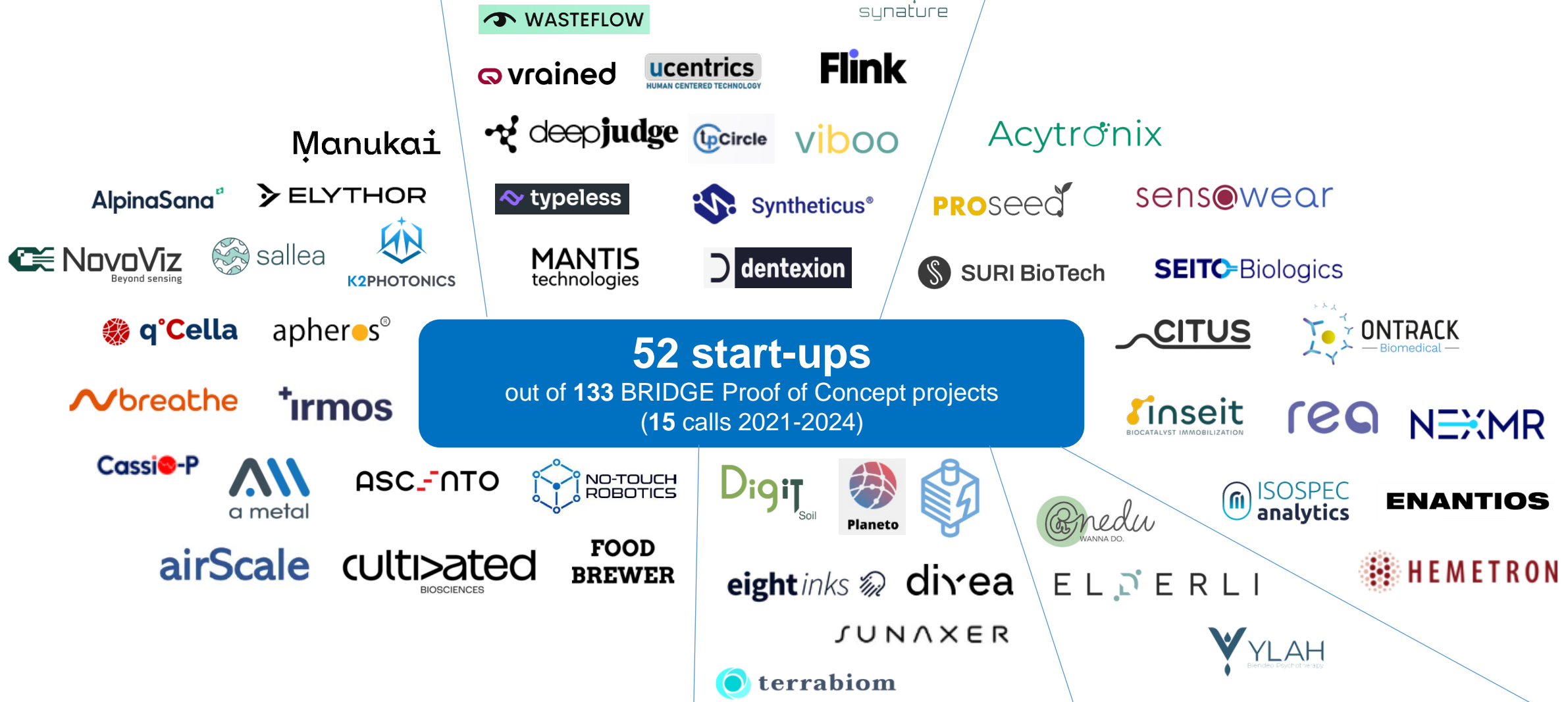
Social Sciences



Engineering

ICT

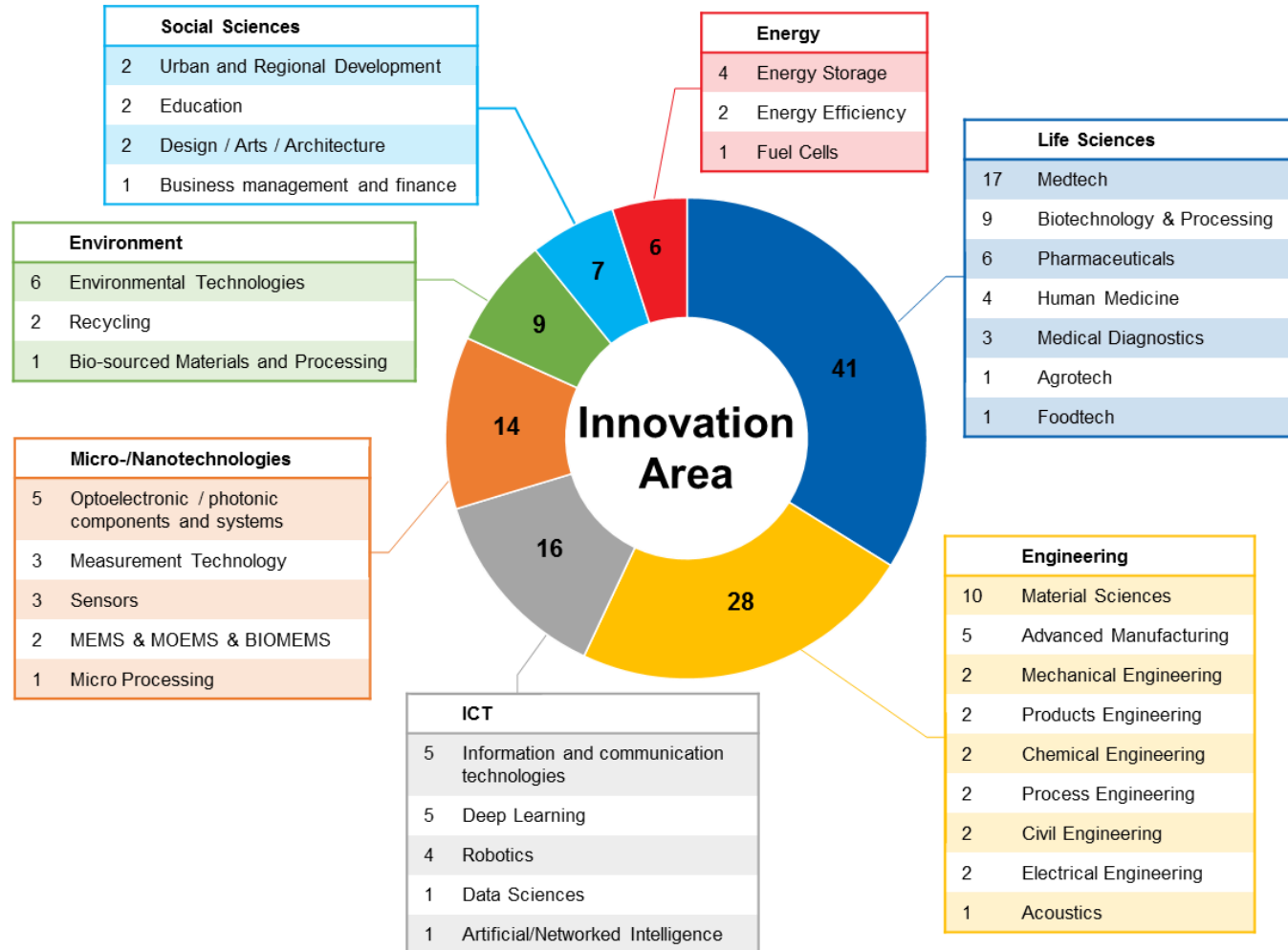
Life Sciences



52 start-ups
 out of 133 BRIDGE Proof of Concept projects
 (15 calls 2021-2024)

Proof of Concept funded projects 2017-2020

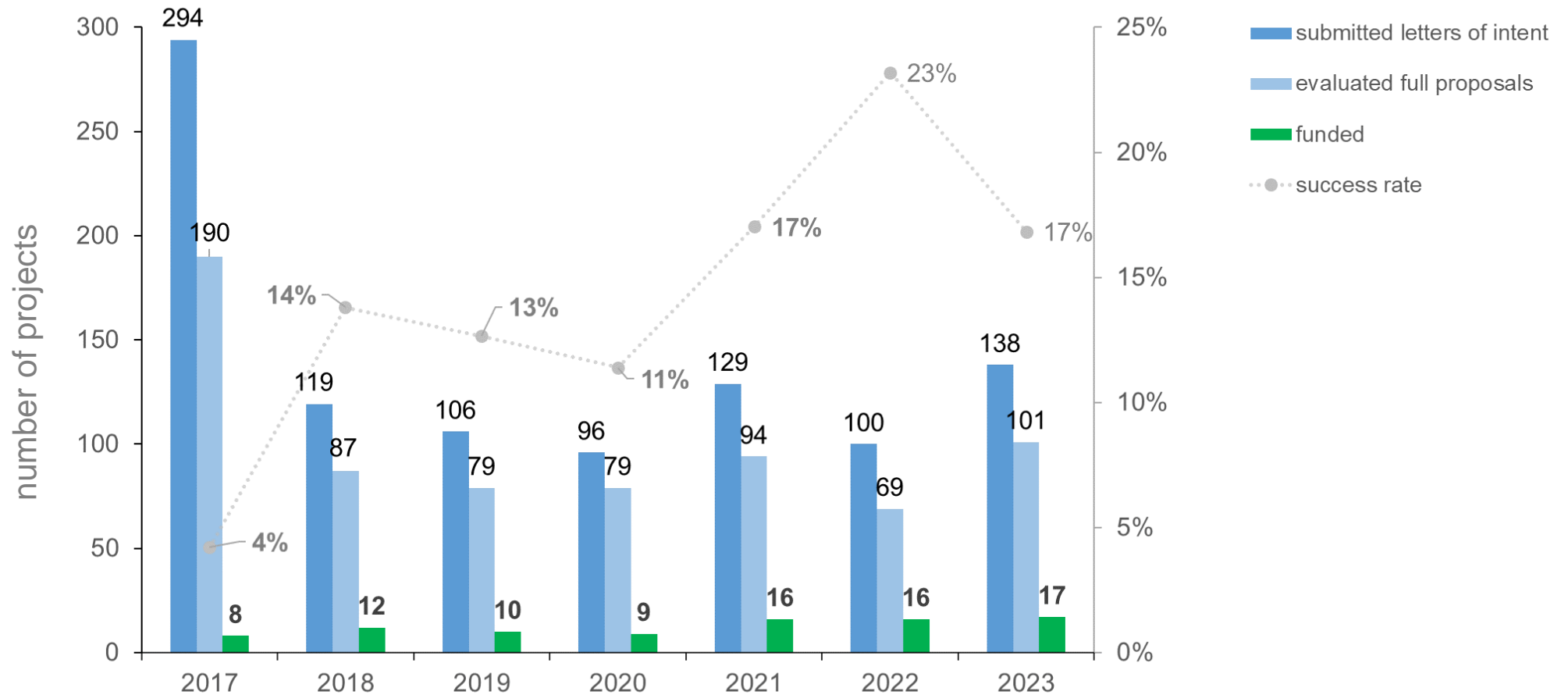
Funded projects per “innovation area”



Discovery information

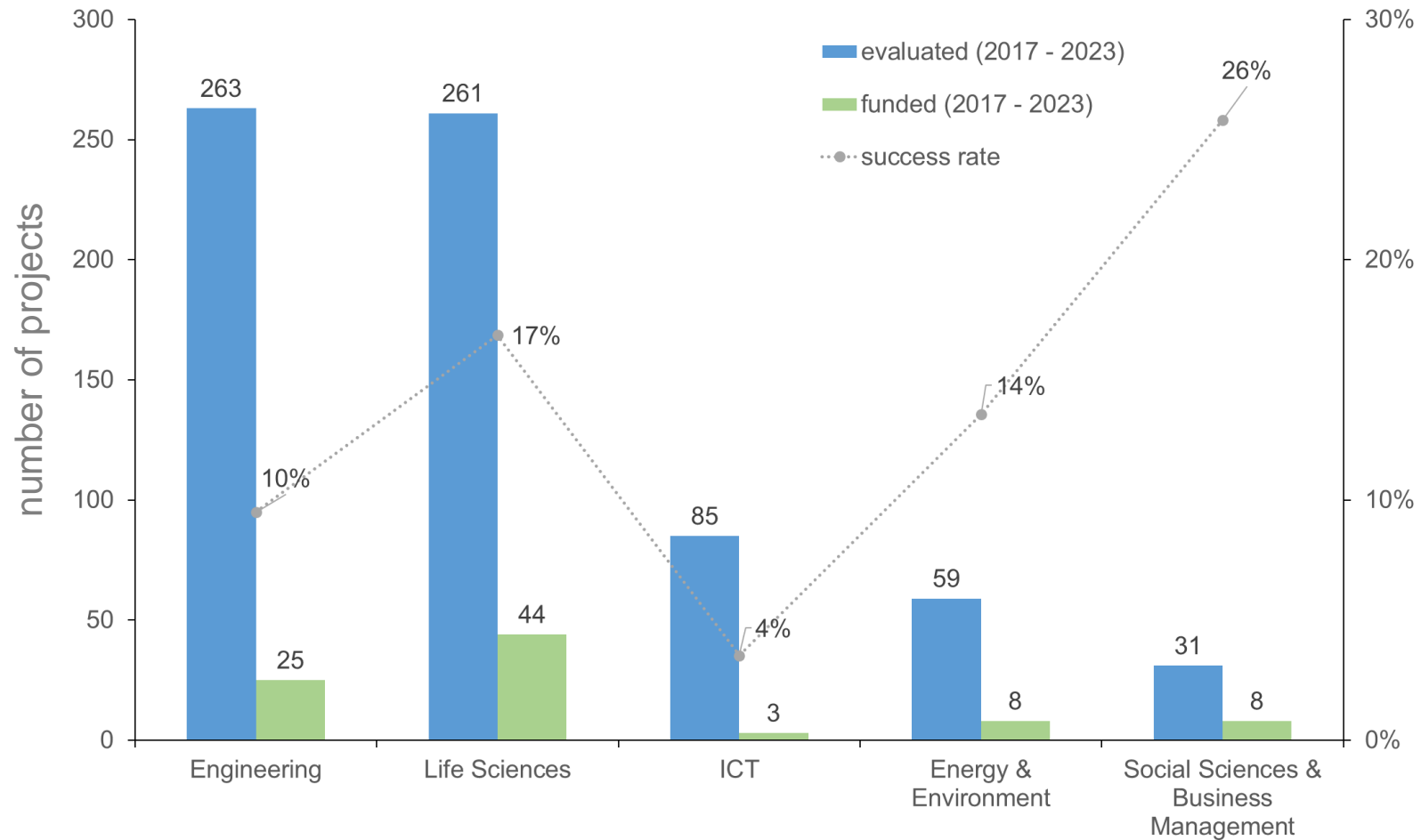
Discovery Current Status

Submitted and accepted projects



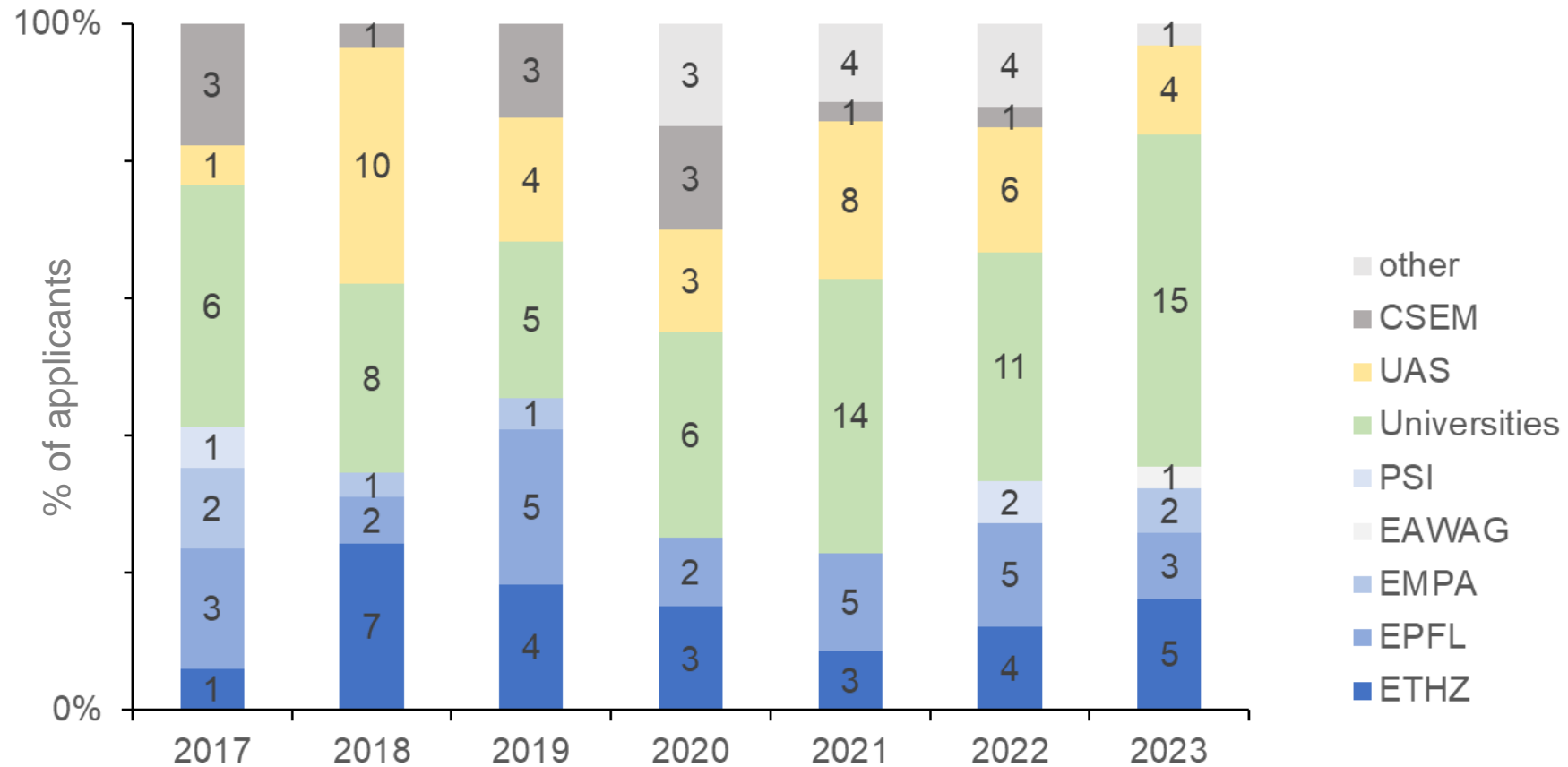
Discovery - Disciplines

Disciplines (calls 2017-2023)



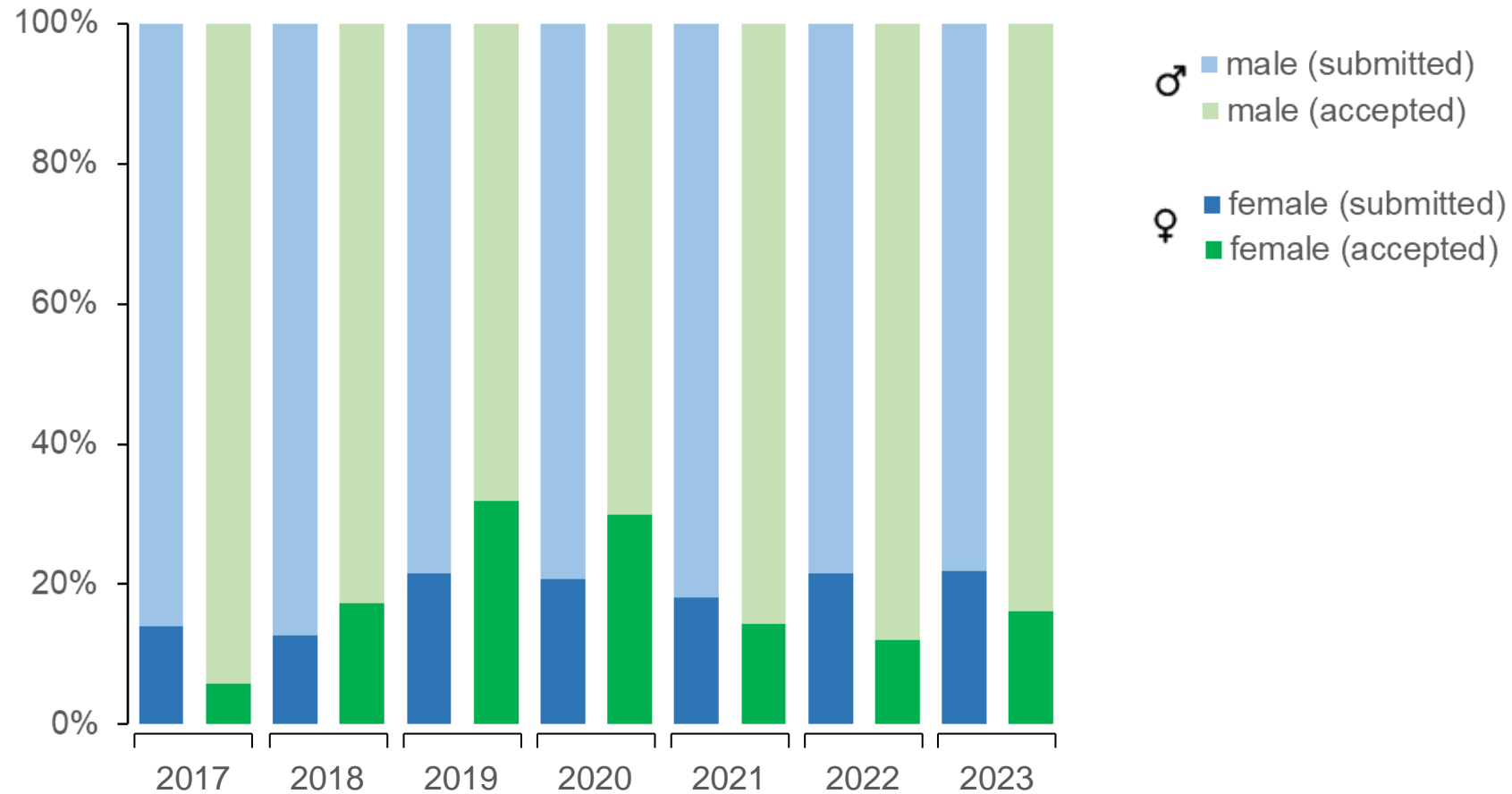
Discovery information 2017-2023

Funding evolution – Involved institutions (all applicants)

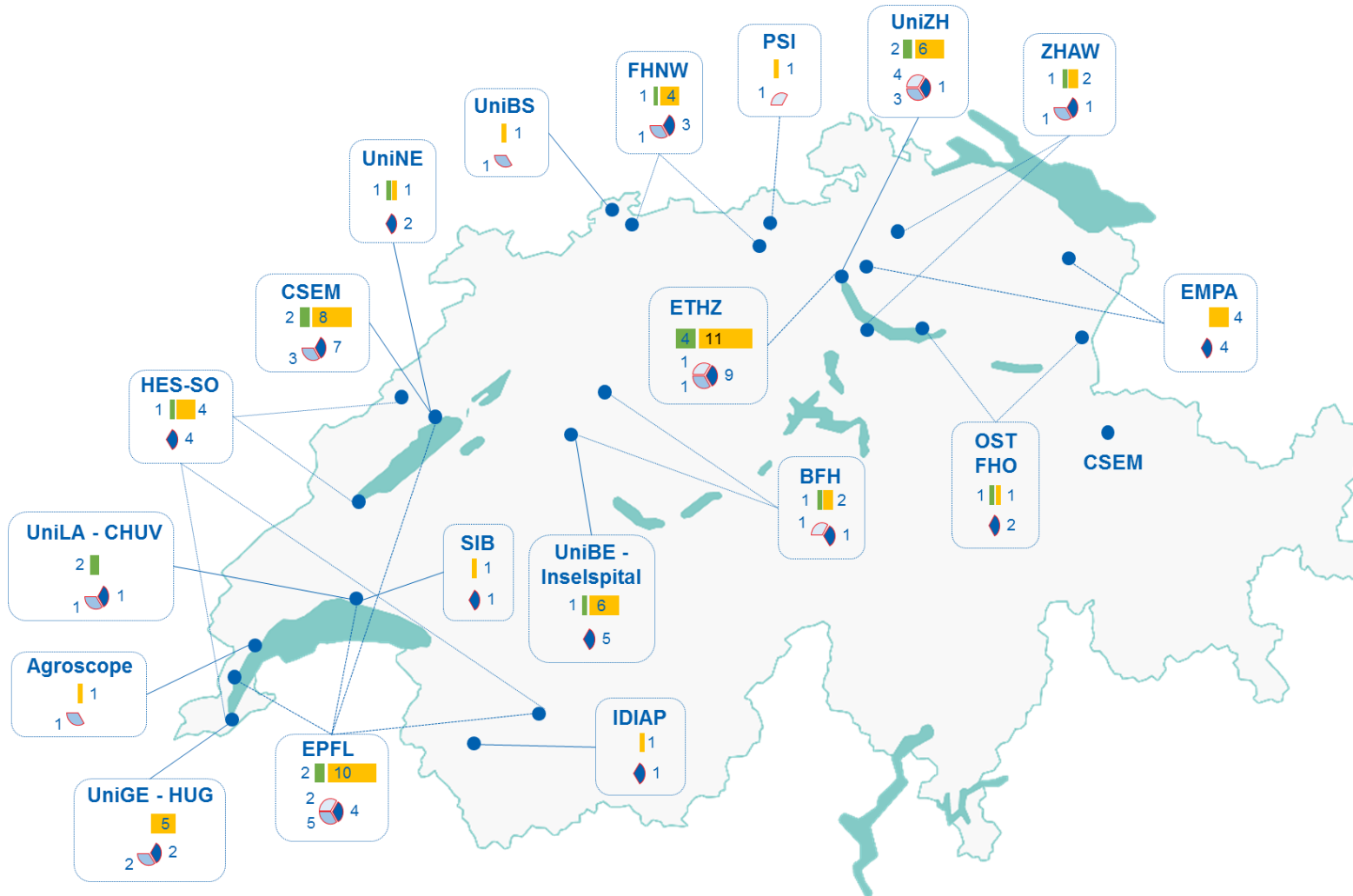


Discovery information 2017-2023

Funding evolution - Gender



Discovery financed projects 2017-2020



4 calls
 435 applications
 39 projects approved

Total budget approved: **46.5 mioCHF**
 Average grant/project: **1.2 mioCHF**
 Average duration: **43 months**

Host institution

Number of supported ...

... women ... men

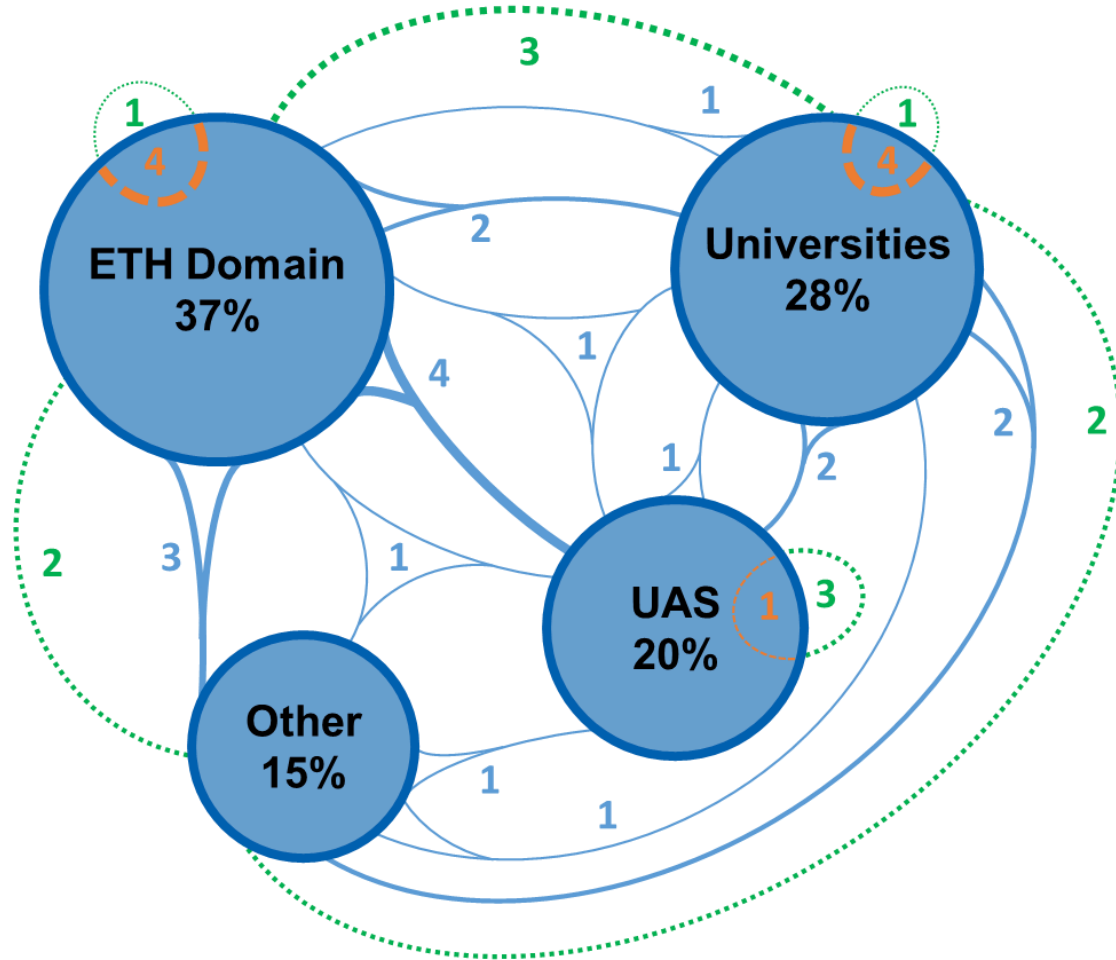
Number of projects with ...

... 1 applicant

... 2 applicants

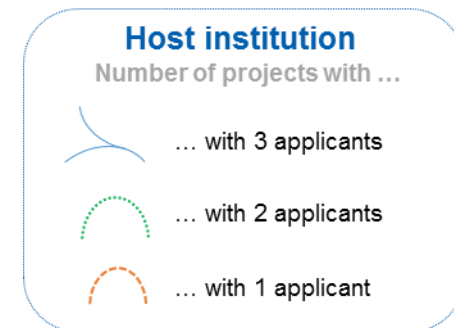
... 3 applicants

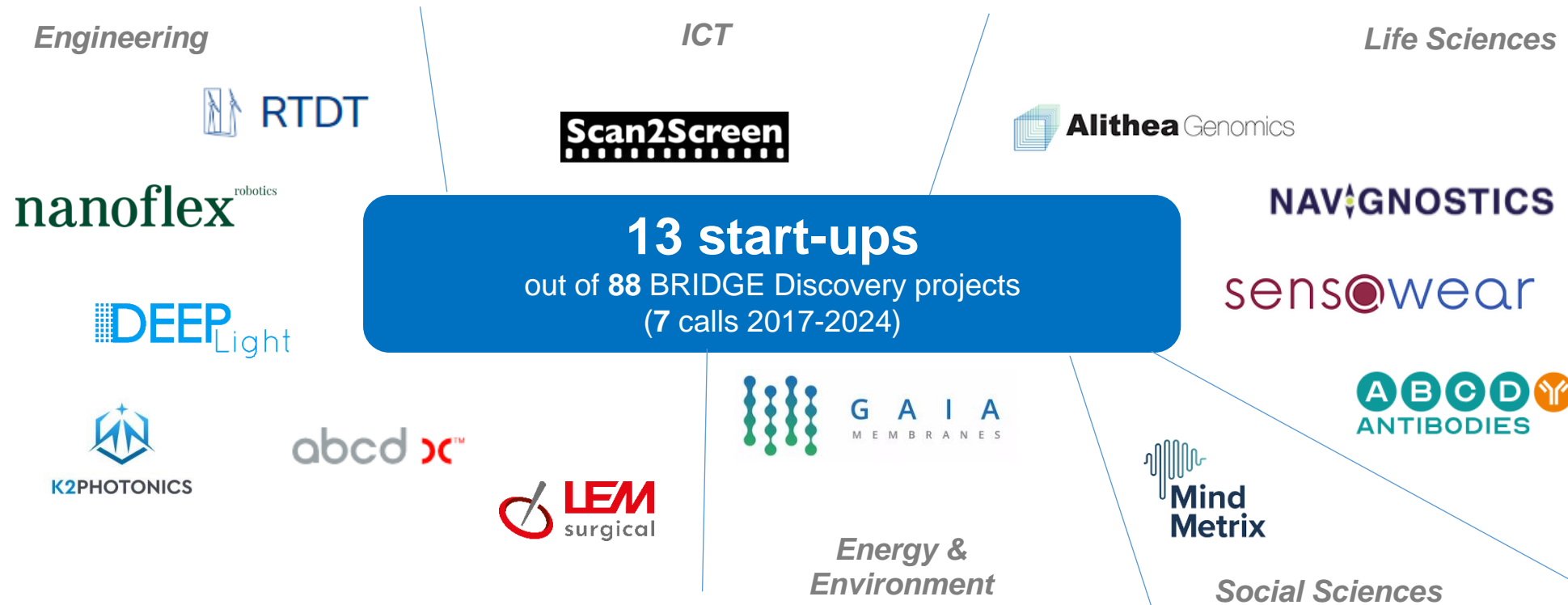
Discovery financed projects 2017-2020



39 projects approved
 88 research groups involved
 Average applicant per project: 2.3

9 projects with 1 applicant
 11 projects with 2 applicants
 19 projects with 3 applicants



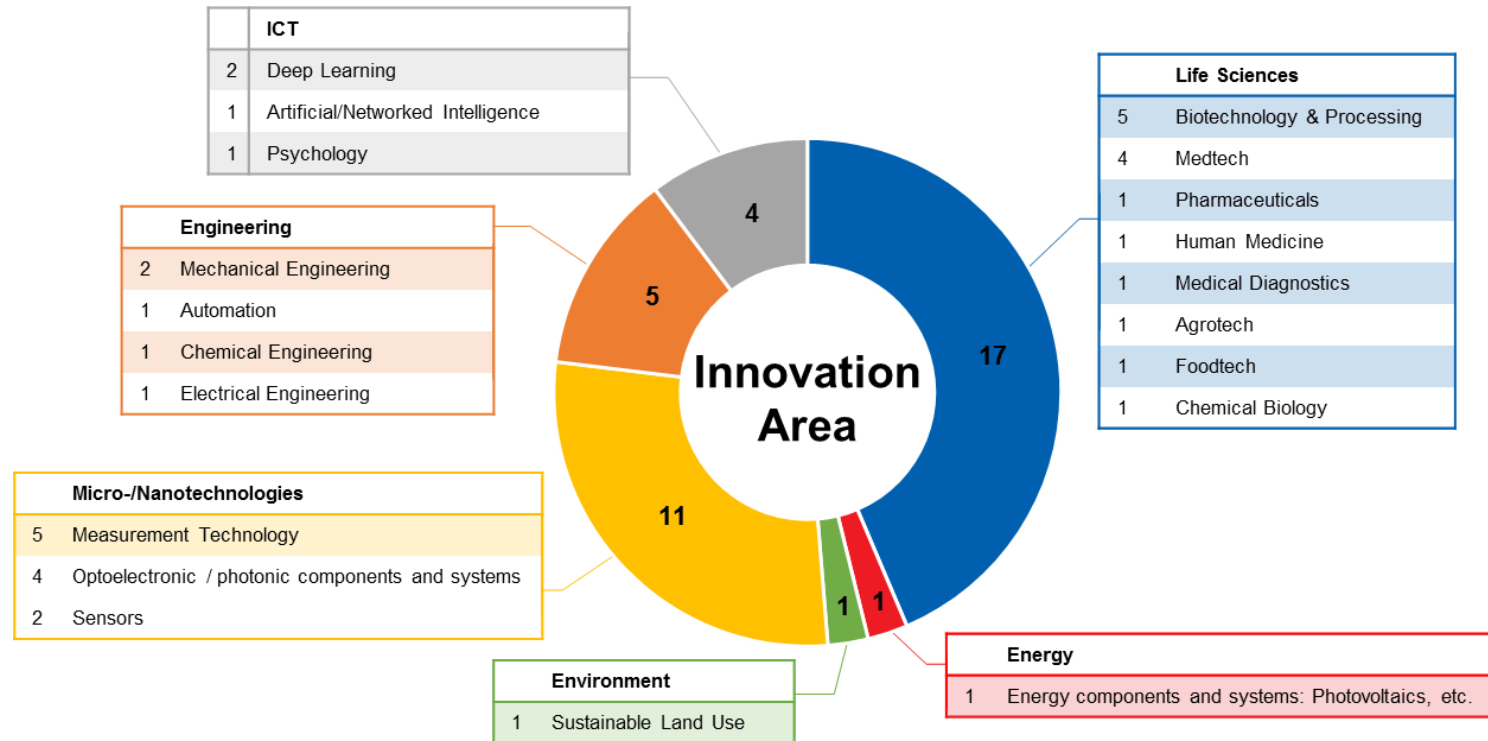


Implementation partner founded by one of the co-applicant:



Discovery funded projects 2017-2020

Funded projects per “innovation area”





BRIDGE



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency

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Swiss National Science Foundation (SNSF)
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PO Box
CH-3001 Bern

BRIDGE Steering Committee 2024



Innosuisse

chair Nicoletta Casanova (FEMTOprint | Engineering)

Dave Brown (Angel Investor and Mentor | ICT) (**chair EP PoC**)



SNSF

Bernd Gotsmann (IBM Research | Engineering)

Matthias Stuber (Uni Lausanne, CHUV | Life Sciences)



external

Mariana Christen Jakob (seif | Social Innovation)

Götz Schlotterbeck (Canton Basel-Stadt | Chemistry)

Penny Schiffer (Raized.AI | Entrepreneurship)



advisory function

Jakob Rhyner (Uni Bonn | Sustainability / Physics) (**chair EP Discovery**)

Proof of Concept Evaluation Panel 2024 ⁽¹⁷⁾

Life Sciences

Karl-Heinz Krause	University Geneva
Anja Harmeier	Pureos Bioventures
Regine Eibl-Schindler	ZHAW
Arianna Calcinotto	USI

Social Sciences

Urs Bucher	Kalaidos
Paola Ghillani	Paola Ghillani & Friends
Lesley Spiegel*	DIZH

* ad hoc member

ICT

Dave Brown	loganbrown
Lisa Falco	Zühlke Group
Olga Fink	EPFL

Engineering

James Miners	Fongit
Teodoro Laino	IBM Research
Daniele Inaudi	Smartec / Roctest
Katrin Lohan	OST

Micro-/Nanotechnologies

Christofer Hierold	ETHZ
Alex Dommann	UniBE
Samantha Paoletti	CSEM

Discovery Evaluation Panel 2024 ⁽²⁵⁾

Life Sciences

Claude Clément	Freelance
Ursula Graf	3dcellculture
Emanuela Keller	Uni Hospital Zurich
Giuseppe Perale	USI, IBI SA
Stefan Weber	Artorg UniBE
Wolfgang Haap	Roche
Kaspar Binz	Binz Biotech Consult.
André Mercanzini	Aleva Neurotherapeutics
Hans-Florian Zeilhofer	Uni Basel

ICT

Luca Gambardella	USI, Artificialy SA
Anne-Marie Kermarrec	EPFL
Stéphane Marchand-Maillet	UniGE
Helmut Grabner	ZHAW

Engineering

Marc Bohner	RMS Foundation
Dimos Poulidakos	ETHZ
Yves Perriard	EPFL
Pierangelo Groening	Freelance
Alke Fink	AMI UniFR
Göran Stemme	KTH (Sweden)
Emine Cagin	Heidelberg Instruments Nano

Environment

<u>Jakob Rhyner</u>	University of Bonn
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Energy

Stephen Wittkopf	HSLU
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Social Sciences

Sven Schimpf	Fraunhofer IAO
Christine Mohr	UniLA
Naomi Häfner	UniSG