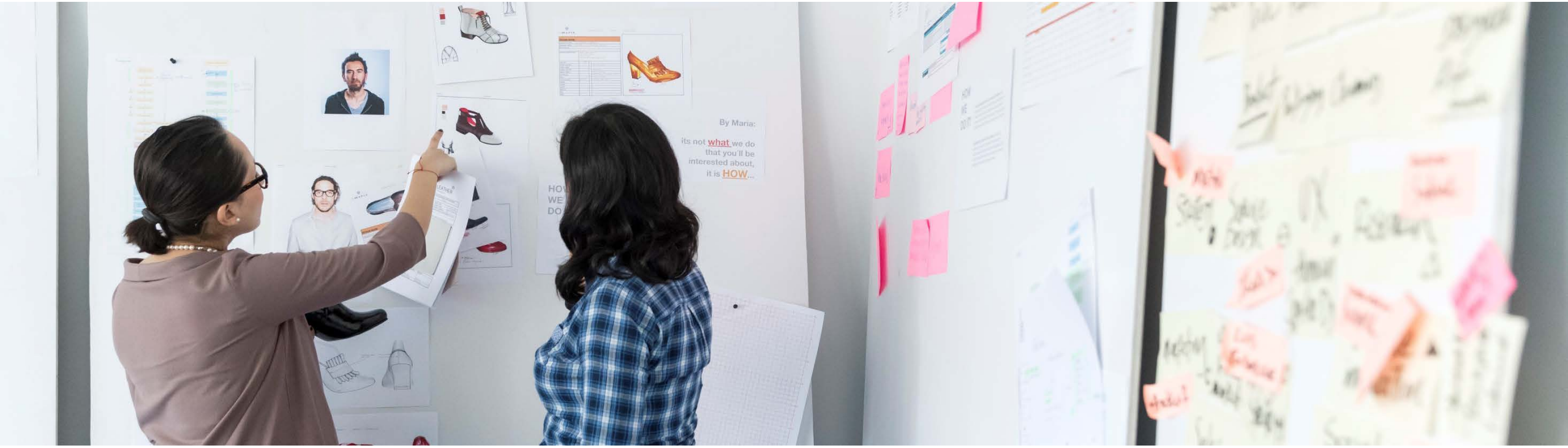
BRIDGE



Building Bridges

FNSNF
Swiss National Science Foundation

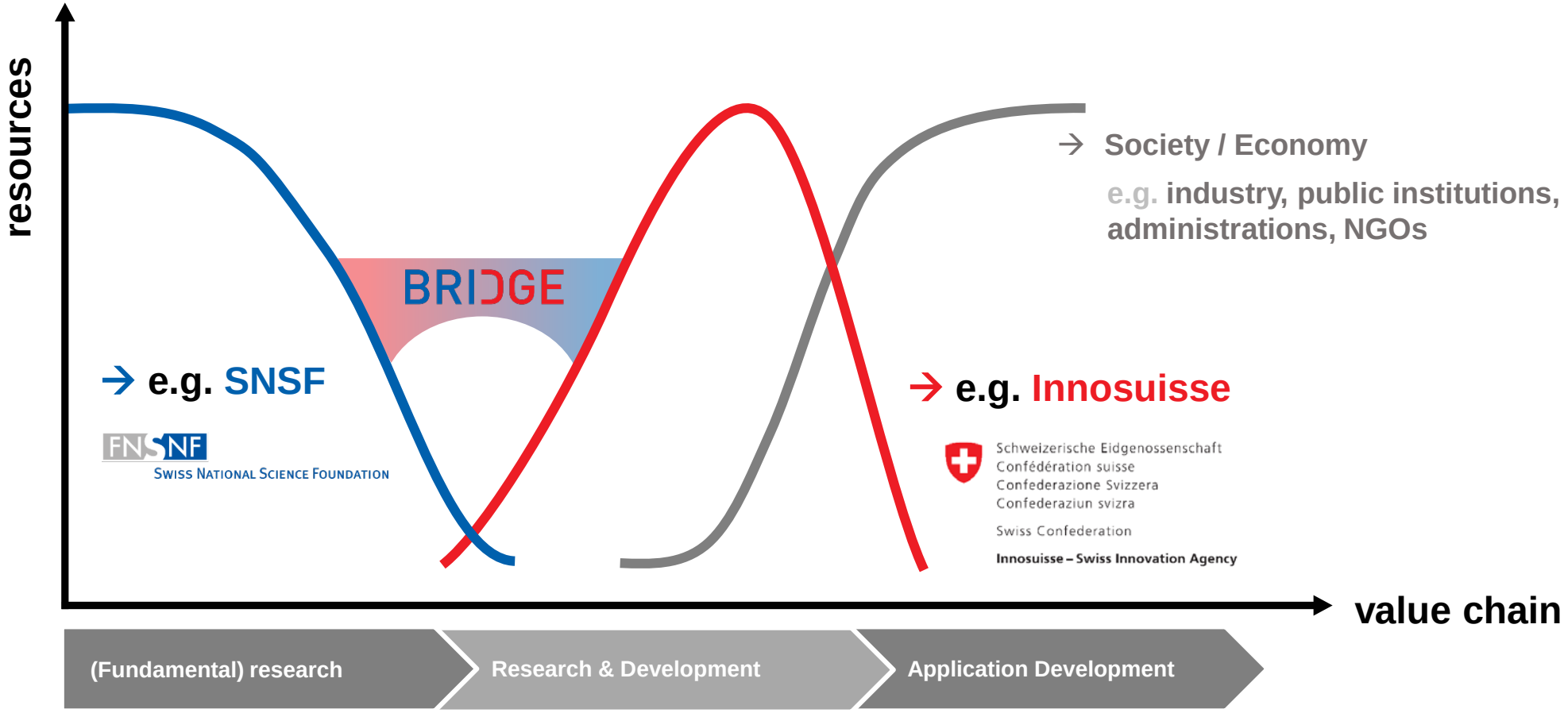
Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

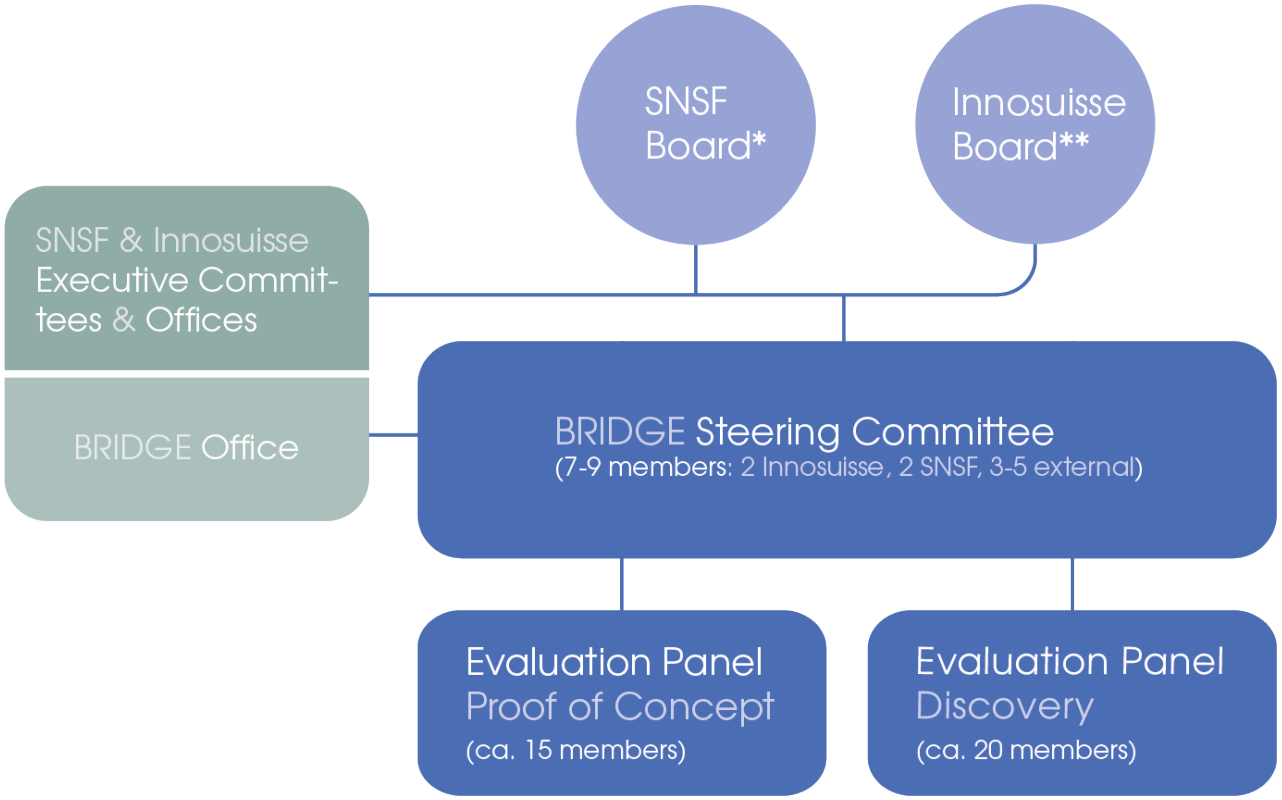
Innosuisse – Swiss Innovation Agency

Bridge the gap

« Bridge the gap between SNSF and Innosuisse funding »



BRIDGE governance



Overall responsibility
SNSF Presiding Board, Innosuisse Board of Directors

Program-specific functions
- Steering Committee
- Evaluation Panels

Advisory function
Stakeholder Group

Administrative support
BRIDGE Office (supported by SNSF & Innosuisse)

* SNSF Presiding Board of the National Research Council
** Innosuisse Board of Directors

Goal of the program

« Turn scientific results into economic or societal innovation »

BRIDGE...

- ... fosters the economic and social 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

Two lines of funding

Proof of Concept

- Supporting young researchers on their way to entrepreneurship or their efforts to implement and apply their research results with an economic or social partner
- Open to all types of innovation

Discovery

- Interaction between basic and applied research to realize the innovation potential of scientific results
- Importance of the societal and economic impact
- Open to all types of innovation starting from 2021

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, postdoctoral researchers)
- 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, 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 on the basis of current rates at the host institution)
  - Costs directly related to the realisation of the project
- max. 15% overhead paid to the host institution

Duration

- 12 months, with a possible continuation of up to 6 additional months

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

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

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:
  - Salaries of project personnel, excluding the salary of the applicants (special conditions may apply for UAS and CSEM researchers)
  - Project costs directly related to the project
- max. 15% overhead paid to the host institution

Duration

- Up to 4 years

Discovery

Details of the funding scheme

Evaluation criteria

- High scientific quality going beyond state of the art and of the practice
- The project contains a credible vision of the potential impacts of the innovation as well as of its possible implementation
- Scientific and innovation-oriented, entrepreneurial as well as management competence of the applicant(s)
- Documented roadmap to cooperate with implementation partners

Evaluation procedure

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

BRIDGE Current Status

Proof of Concept Current Status

114 projects funded so far

2017

- **226** submitted proposals
- **32** projects funded

2018

- **109** submitted proposals
- **29** projects funded

2019

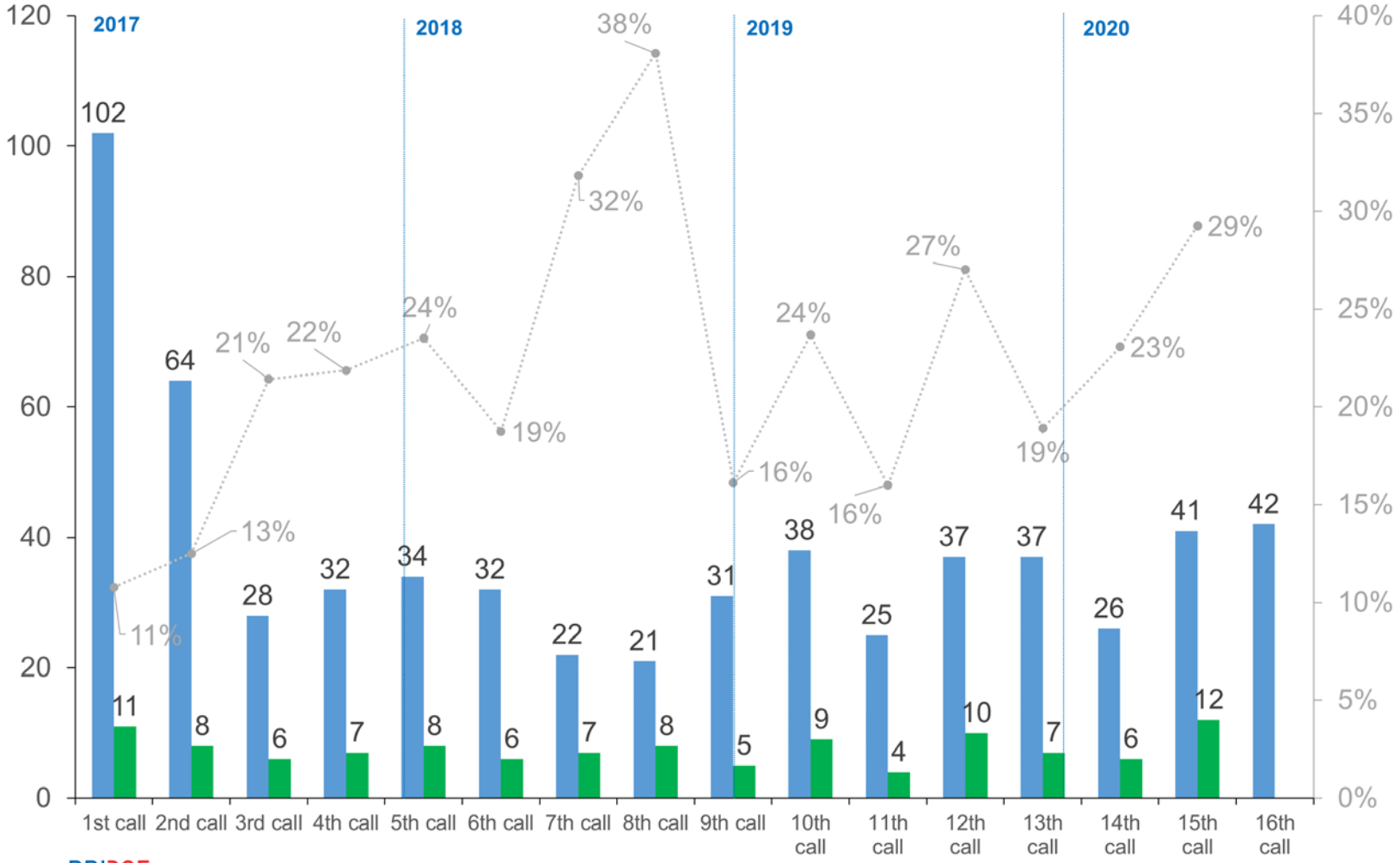
- **132** submitted proposals
- **28** projects funded

2020

- **13th call**: **37** submitted proposals, **7** projects funded
- **14th call: 26** submitted proposals, **6** projects funded
- **15th call: 41** submitted proposals, **12** projects funded
- **16th call: 42** submitted proposals, selection process ongoing

Proof of Concept Current Status

Submitted and accepted projects



submitted

♀ 153 (25%)

♂ 459 (75%)

funded

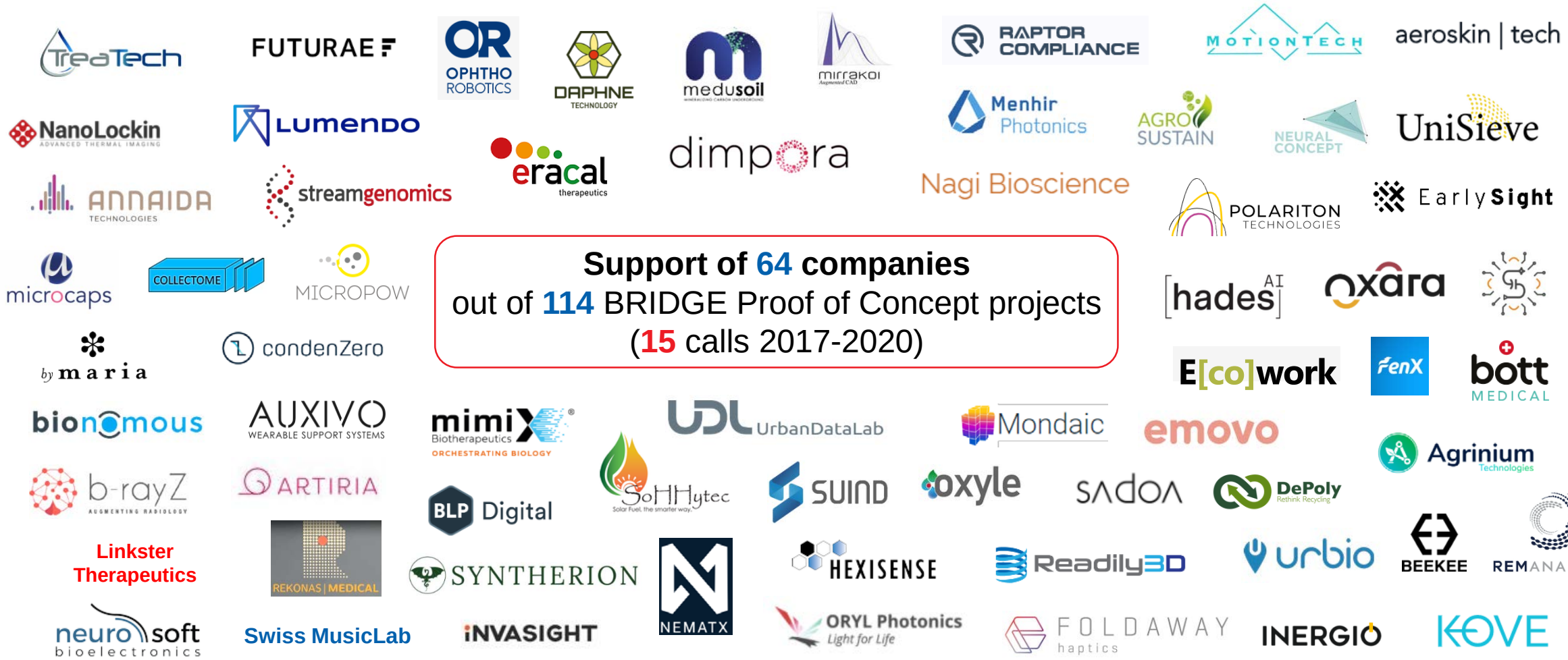
♀ 27 (24%)

♂ 87 (76%)

success rate

average: 22.2%

Proof of Concept Current Status



Support of 64 companies
out of 114 BRIDGE Proof of Concept projects
(15 calls 2017-2020)

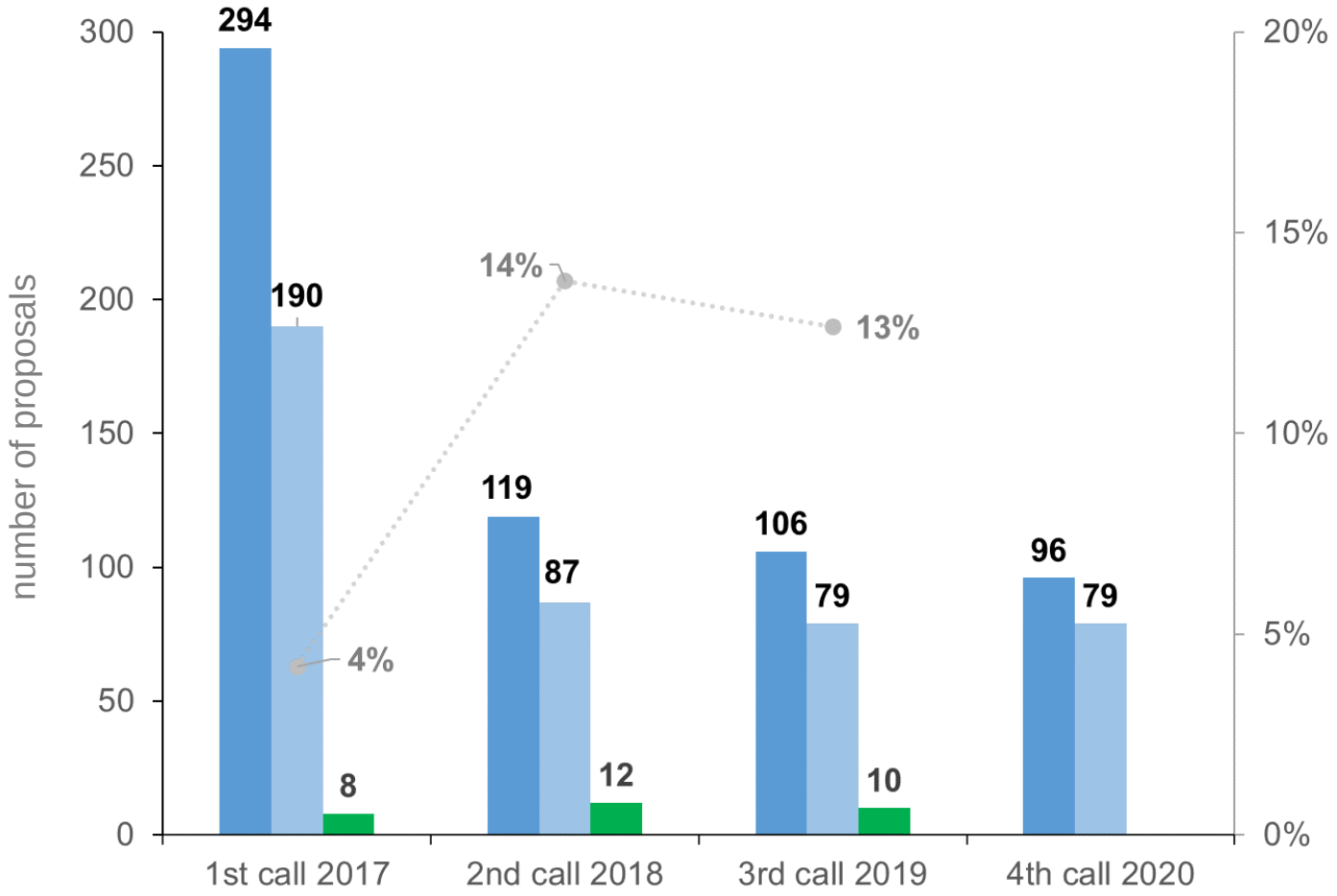
Discovery Current Status

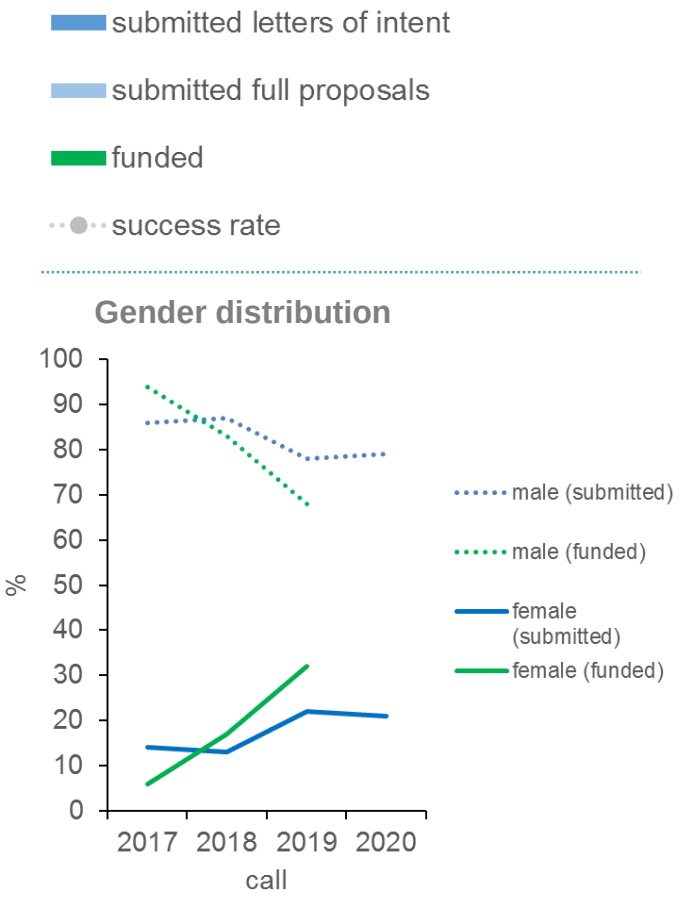
30 projects funded so far

2017	• **190** submitted proposals	• Success rate: 4.2%
	• **8** projects funded for 9.4 mioCHF	• Financing rate: 4.5%
2018	• **87** submitted proposals	• Success rate: 13.8%
	• **12** projects funded for 16.1 mioCHF	• Financing rate: 14.6%
2019	• **79** submitted proposals	• Success rate: 12.7%
	• **10** projects funded for 10.2 mioCHF	• Financing rate: 11.4%
2020	• **4th call: 79** submitted proposals	
	• Evaluation until end of 2020	

Discovery Current Status

Submitted and accepted projects





BRIDGE Next Calls

Submission Deadlines

Proof of Concept

- *Please note that new regulations will be published in January 2021*

- 17th call: **8 March 2021**
- 18th call: **7 June 2021**
- 19th call: **6 September 2021**
- **Deadline always 17:00 Swiss local time**

Discovery 5th call

- *Please note that new regulations will be published in January 2021*

- Letter of intent: **1 March 2021**
- Full proposal: **17 May 2021**
- **Deadline always 17:00 Swiss local time**

SWISS NATIONAL SCIENCE FOUNDATION

BRIDGE

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Innosuisse – Swiss Innovation Agency

BRIDGE Office Team

Christian Brunner	Program Manager
Thomas Di Franco	Scientific Officer
Nicole Rhyn	Administration & Finances

Tel. +41 31 308 23 67

www.bridge.ch | office@bridge.ch

Innosuisse
Einsteinstrasse 2
CH-3003 Bern

Swiss National Science Foundation (SNSF)
Wildhainweg 3
PO Box
CH-3001 Bern

BRIDGE Steering Committee 2020







Innosuisse

Nicoletta Casanova (FEMTOprint | Engineering) **chair**
Dave Brown (Angel Investor and Mentor | ICT)

SNSF

Lothar Thiele (ETHZ | ICT)
Chris Boesch (UniBE | Life Sciences)

external

Mariana Christen Jakob (seif | Social Innovation)
Götz Schlotterbeck (FHNW | Chemistry)
Penny Schiffer (Raized.AI | Entrepreneurship)

Proof of Concept Evaluation Panel (15 members)

Life Sciences

Karl-Heinz Krause	University Geneva
Hans-Peter Meyer	HEVS
Dragan Grabulovski	Grabulovski Consulting
Anja Harmeier	Roche Venture Fund

Social Sciences

Janine Graf	cocre.coaching creative
Urs Bucher	HSLU

ICT

Dave Brown	loganbrown
Boi Faltings	EPFL
Lisa Falco	PIPRA

Engineering

Franziska Füglistaler	AdNovum Informatik
Andrea Vezzini	BFH
Brad Nelson	ETHZ

Micro-/Nanotechnologies

Axel Bertholds	Sensoptic
Vanessa Wood	ETHZ
Alex Dommann	EMPA

Discovery Evaluation Panel (26 active members)

Life Sciences

Chris Boesch	University Bern
Claude Clément	Wyss Center
Patrick Cozzone	A*STAR Singapore
Ursula Graf	3dcellculture
Axel Haase	TU Munich
Emanuela Keller	Uni Hospital Zurich
André Mercanzini	Aleva Neuro
Giuseppe Perale	SUPSI
Stefan Weber	Artorg Uni Bern
Hans-Florian Zeilhofer	Uni Basel
Wolfgang Haap	Roche

Environment

Jakob Rhyner	University of Bonn

Social Sciences

Sven Schimpf	Fraunhofer IAO

Engineering

Marc Bohner	RMS Foundation
Yves Perriard	EPFL
Pierangelo Groening	EMPA
Urs Dürig	IBM Research
Alke Fink	AMI Uni Fribourg
Göran Stemme	KTH (Sweden)

ICT

Luca Gambardella	SUPSI
Gerhard Fettweis	TU Dresden
Anne-Marie Kermarrec	EPFL
Stéphane Marchand-Maillet	Uni Geneva
Martina Zitterbart	KIT

Energy

Stephen Wittkopf	HSLU
Dimos Poulikakos	ETHZ