



Welcome to the Research Day

Antonio Loprieno, Rector of the University of Basel

Martin Vetterli, President of the National Research Council



Address of welcome

Antonio Loprieno, Rector of the University of Basel



Introduction

Martin Vetterli, President of the National Research Council of the SNSF



Switzerland: a good place to do science



Innovation Union Scoreboard 2011



The SNSF in numbers

Funded over 3500 projects in 2012

1800 grants for projects and programs

1200 career grants

400 grants for science communication

Funded over 8800 persons in 2012*

7800 via grants for projects and programs

1000 via career grants

(77% are younger than 35 years, 49% are women)

**of approximately 40'000 Swiss researchers (~22%)*

The SNSF in Basel



Postdoctoral positions:	271
Doctoral positions:	421
Technicians and other collaborators:	61
Approved amounts 2012 :	71.4 millions
thereof for Career funding:	16.2 millions

ERC Advanced grants by institution

	2008	2009	2010	2011	2012	2013	Total
ETHZ	7	10	7	7	12	5	48
EPFL	11	4	6	4	5	6	36
UniGE	4	3	1	3	2	6	18
UZH	2	6	2	3	0	2	15
UniBS	1	2	2	2	2	2	11
UniL	1	1	2	0	0	2	6
UniBE	1	0	0	0	1	1	3
UniFR	0	0	0	1	0	0	1
Swiss TPH	0	0	0	0	1	0	1
USI	0	1	0	0	0	0	1
UniSG	0	0	0	0	0	0	0
UniNE	0	0	0	0	0	0	0
UniLU	0	0	0	0	0	0	0
Others	1	2	1	2	3	2	11
Total	28	29	21	22	26	26	152



The SNSF promotes your career

Promote mobility of researchers:
forth – and back

Promotes **career of women**

Guarantees **working conditions** (minimal time and contract)

Promotes **excellence and independence**
as early as possible

→ *see presentation by A. Kalt*



New: The «SNSF World Network»!



LinkedIn group launched in October 2013

→ Join and network today!



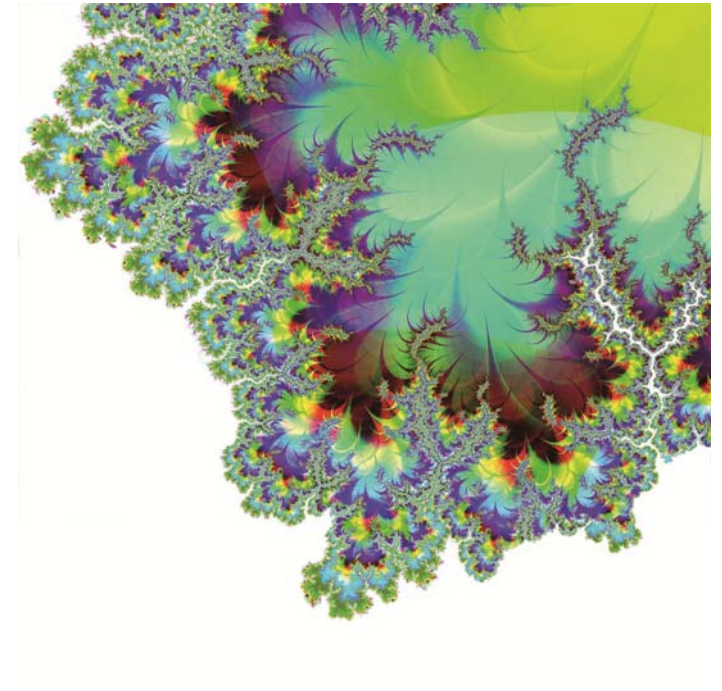
#ResearchDayBasel



- www.twitter.com/snsf_ch
- www.twitter.com/snf_ch
- www.twitter.com/fns_ch



- www.facebook.com/snf.fns.snsf.ch



Thank you for your attention



This is how we can support your research!

Marcel Kullin, Head of Careers Division



OVERVIEW

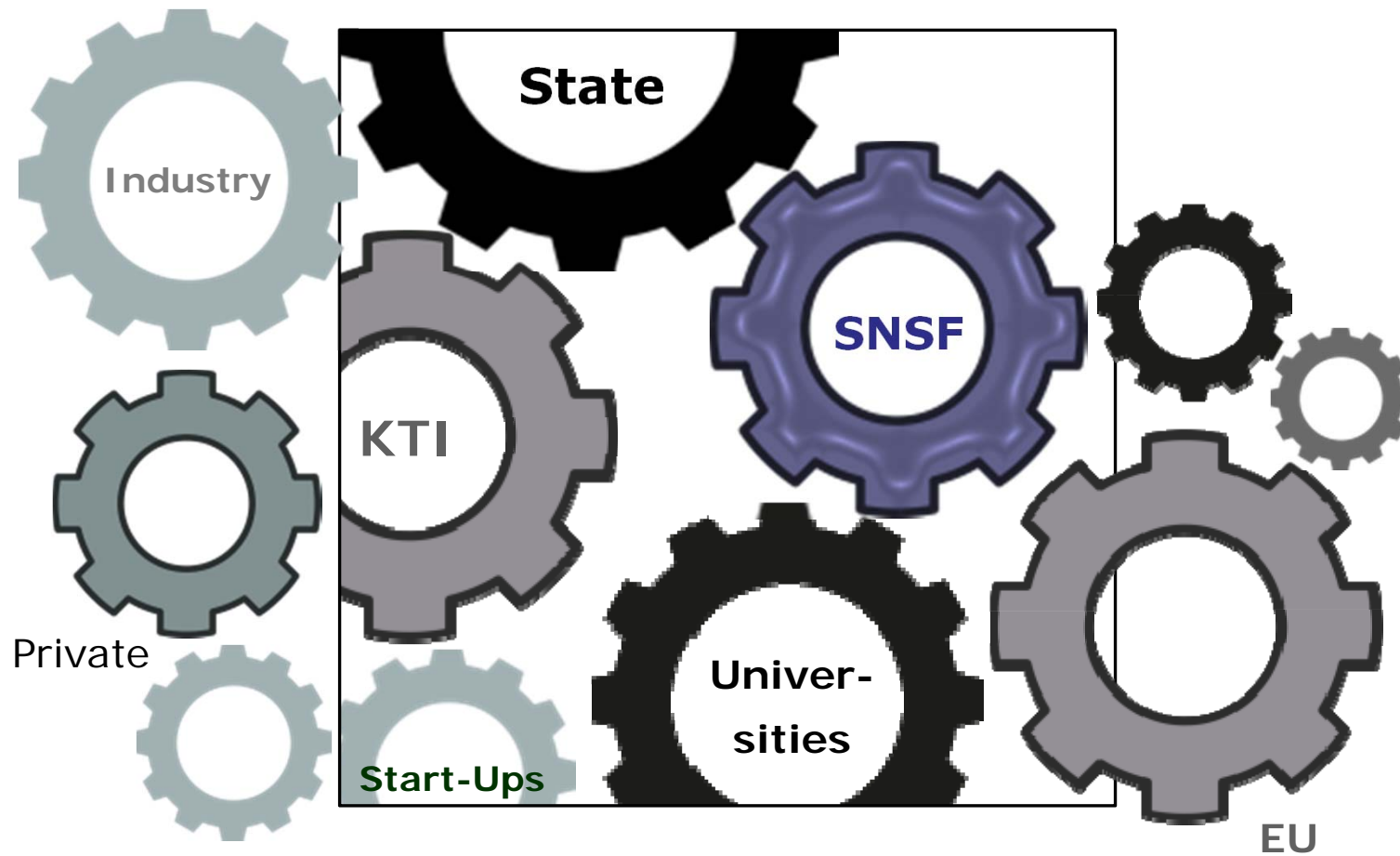
I. Science funding in Switzerland

II. Career funding by the SNSF

III. Funding of research projects

IV. SNSF Program funding

Main financial research flows in Switzerland



Main role of the SNSF: Statutes

Article 1 Objectives

¹ The SNSF **promotes scientific research in Switzerland.**

² It promotes the **international competitiveness** and integration of this research as well as its capacity to solve problems.

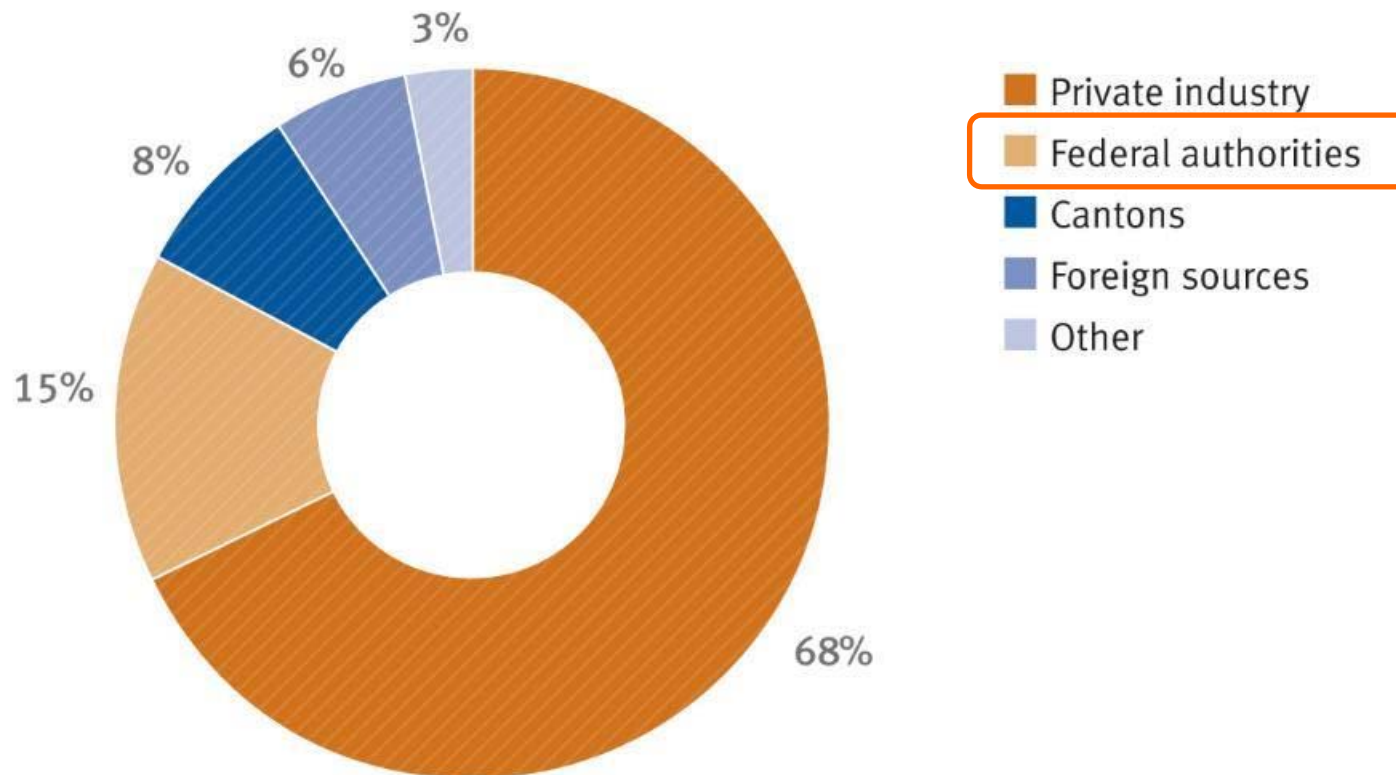
³ It pays particular attention to the **promotion of young researchers.**

Quality, quality, quality



I. Science in Switzerland

Funding: in CH

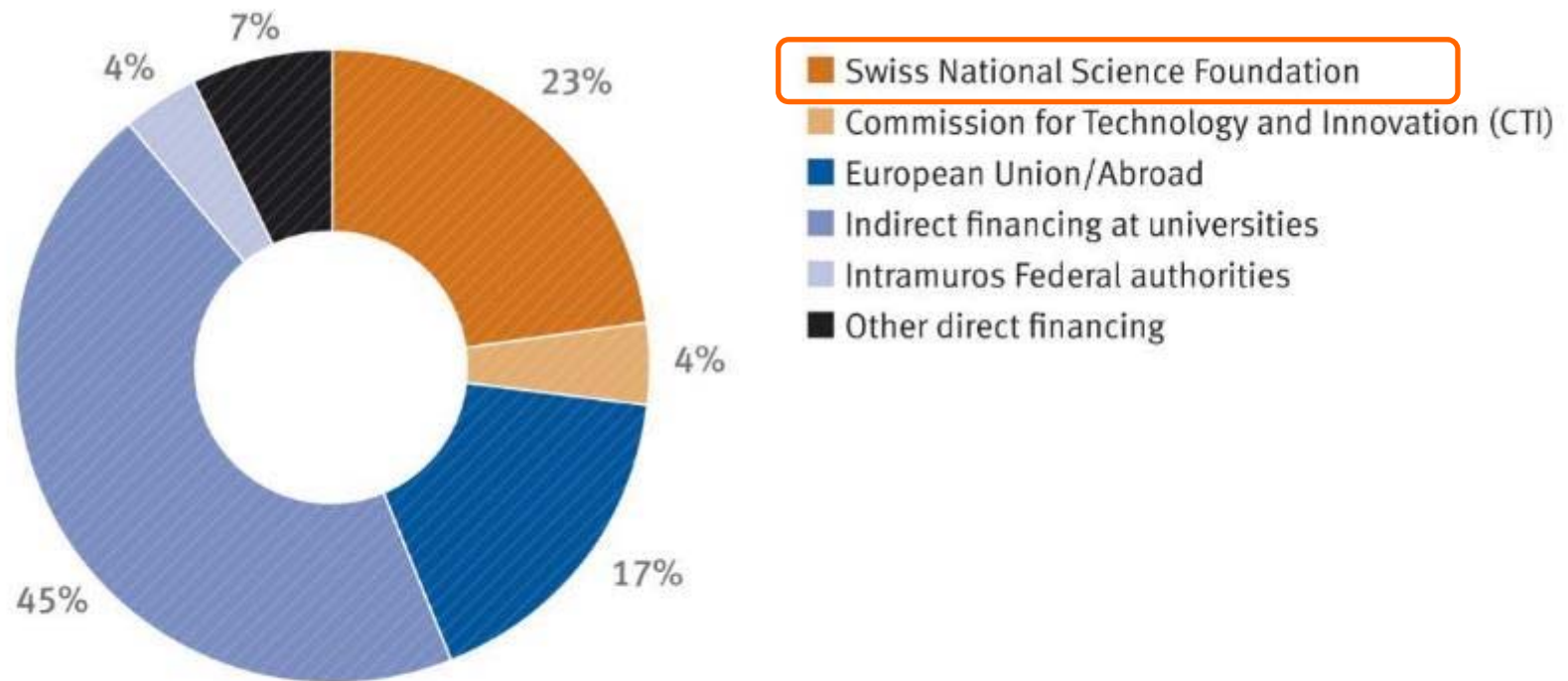


Total:
CHF 16.3 billion



I. Science in Switzerland

Funding: in CH: **Federal**

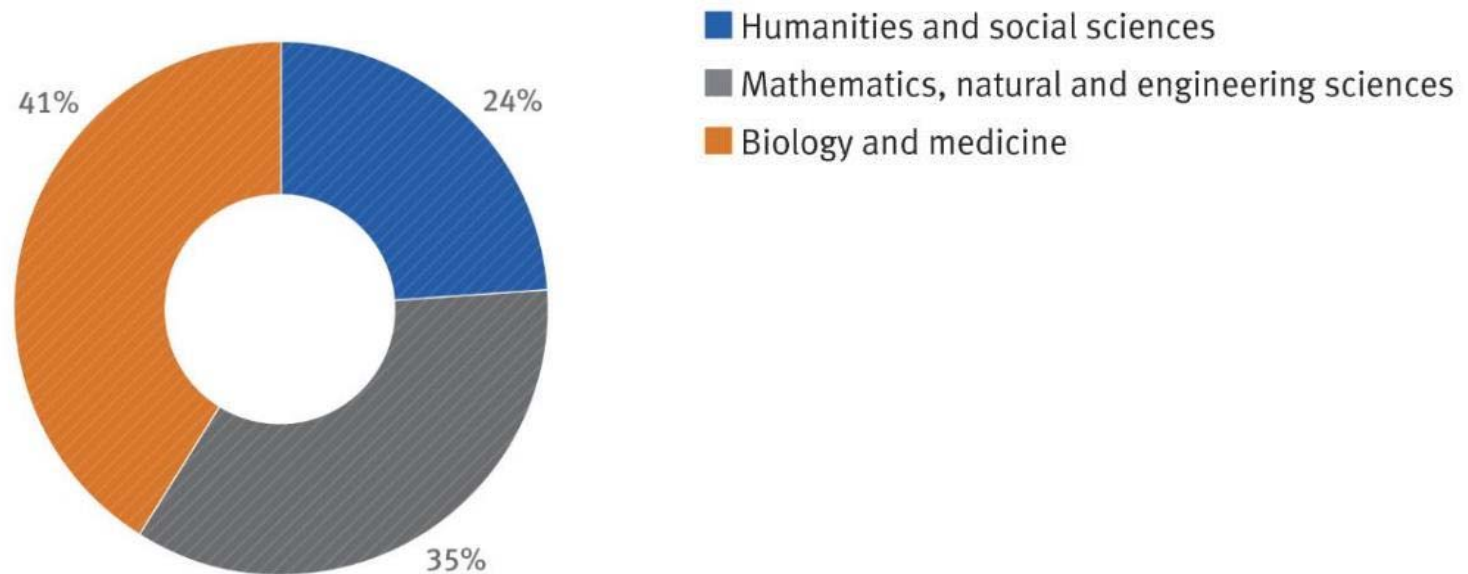


Total:
CHF 3.3 billion



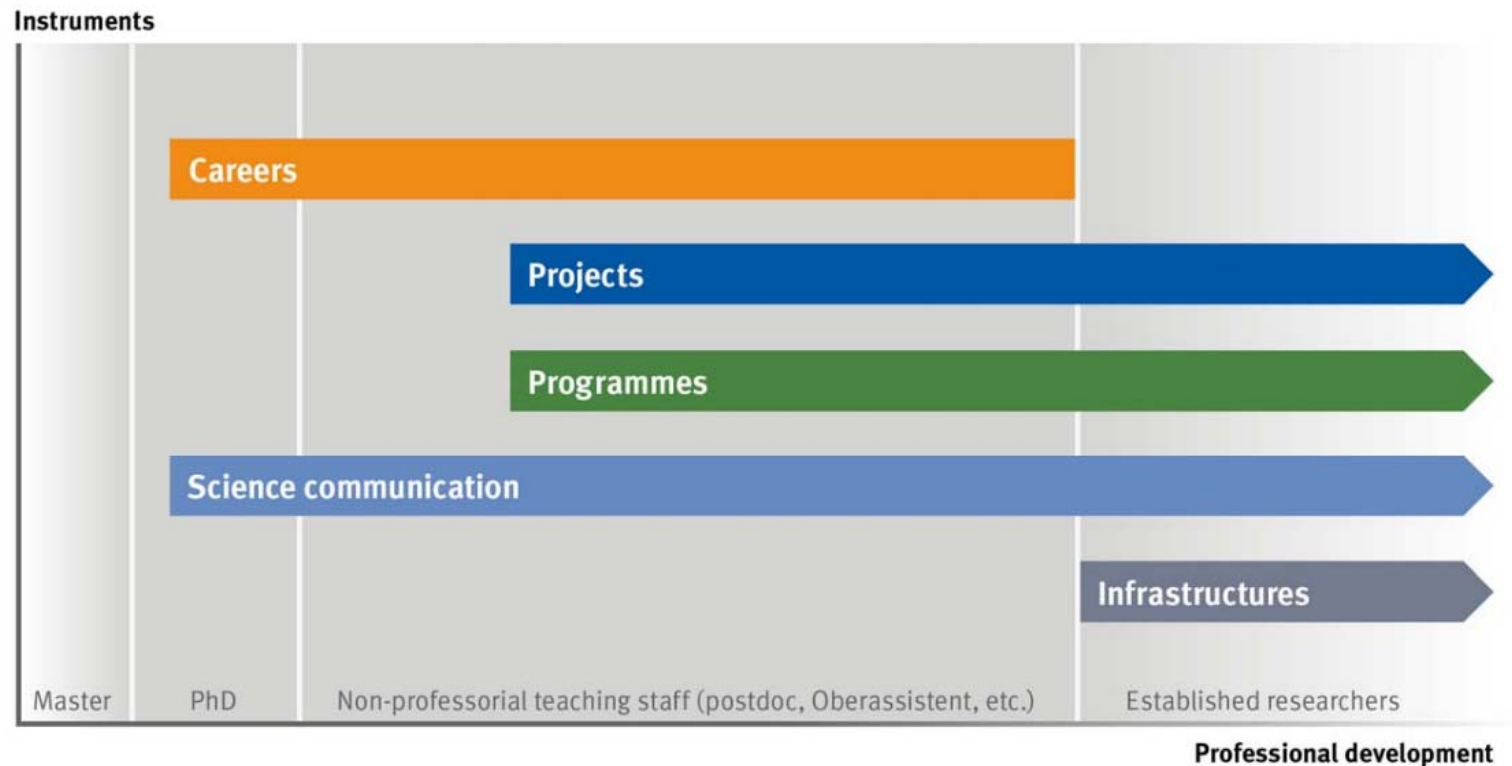
I. Science in Switzerland

Funding: in CH: Federal: **by SNSF**



Total:
CHF 755.2 million

How the SNSF funds research



See «**Guidelines for selecting SNSF Funding schemes**»

->to find under snf.ch/E > Funding > Guidelines & Documents



OVERVIEW

I. Science in Switzerland

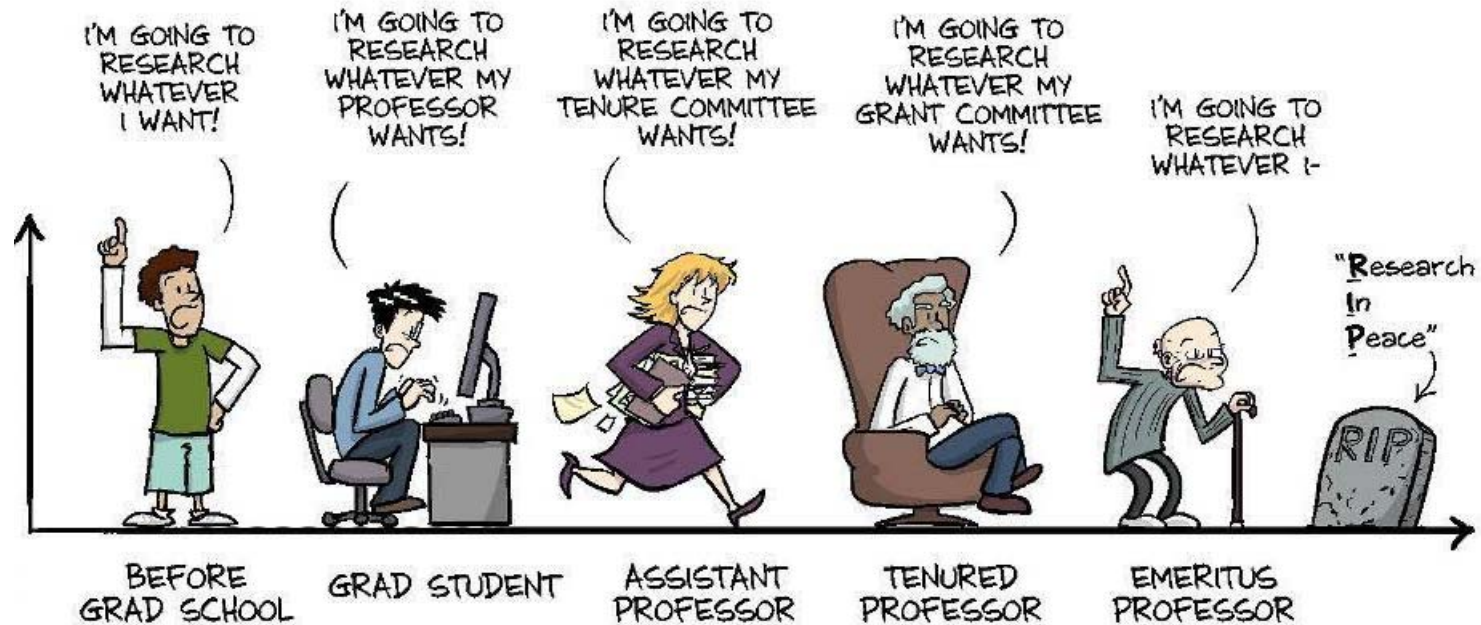
II. Career funding by the SNSF

III. Funding of research projects

IV. SNSF Program funding

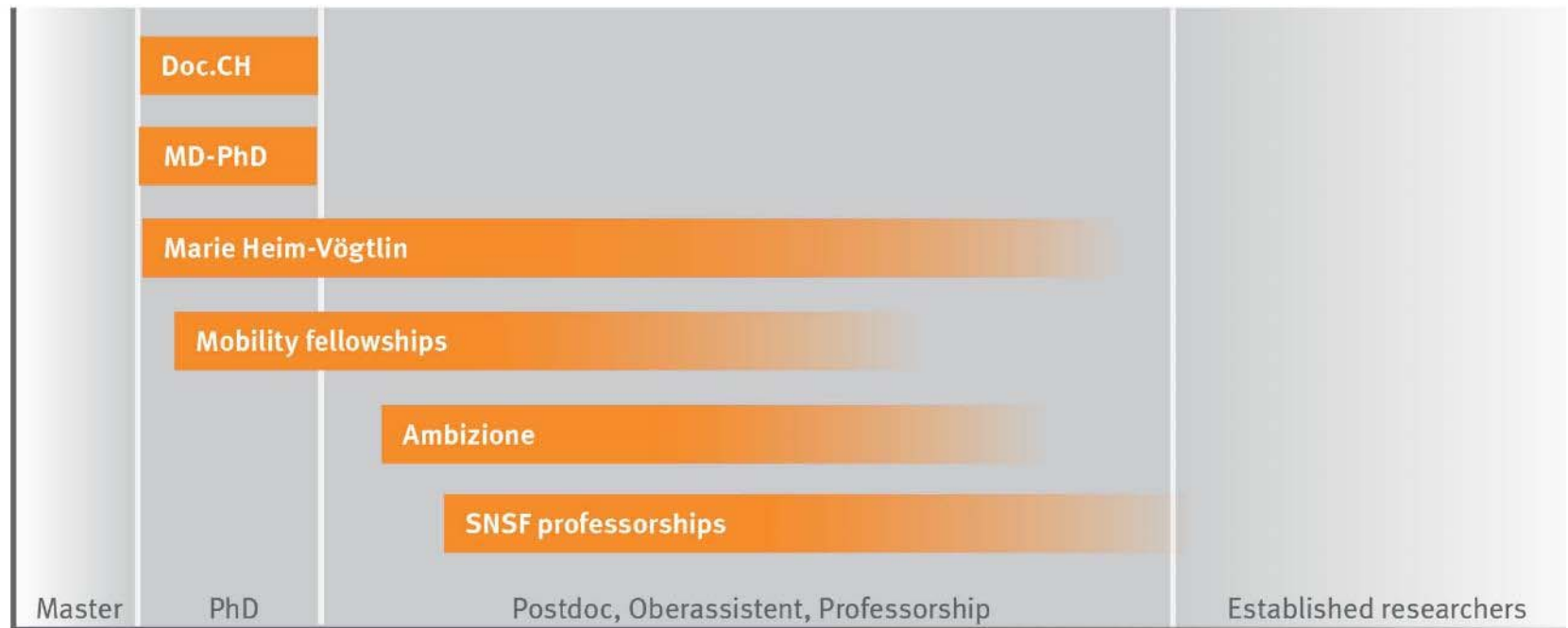
A career in science

THE EVOLUTION OF INTELLECTUAL FREEDOM



WWW.PHDCOMICS.COM

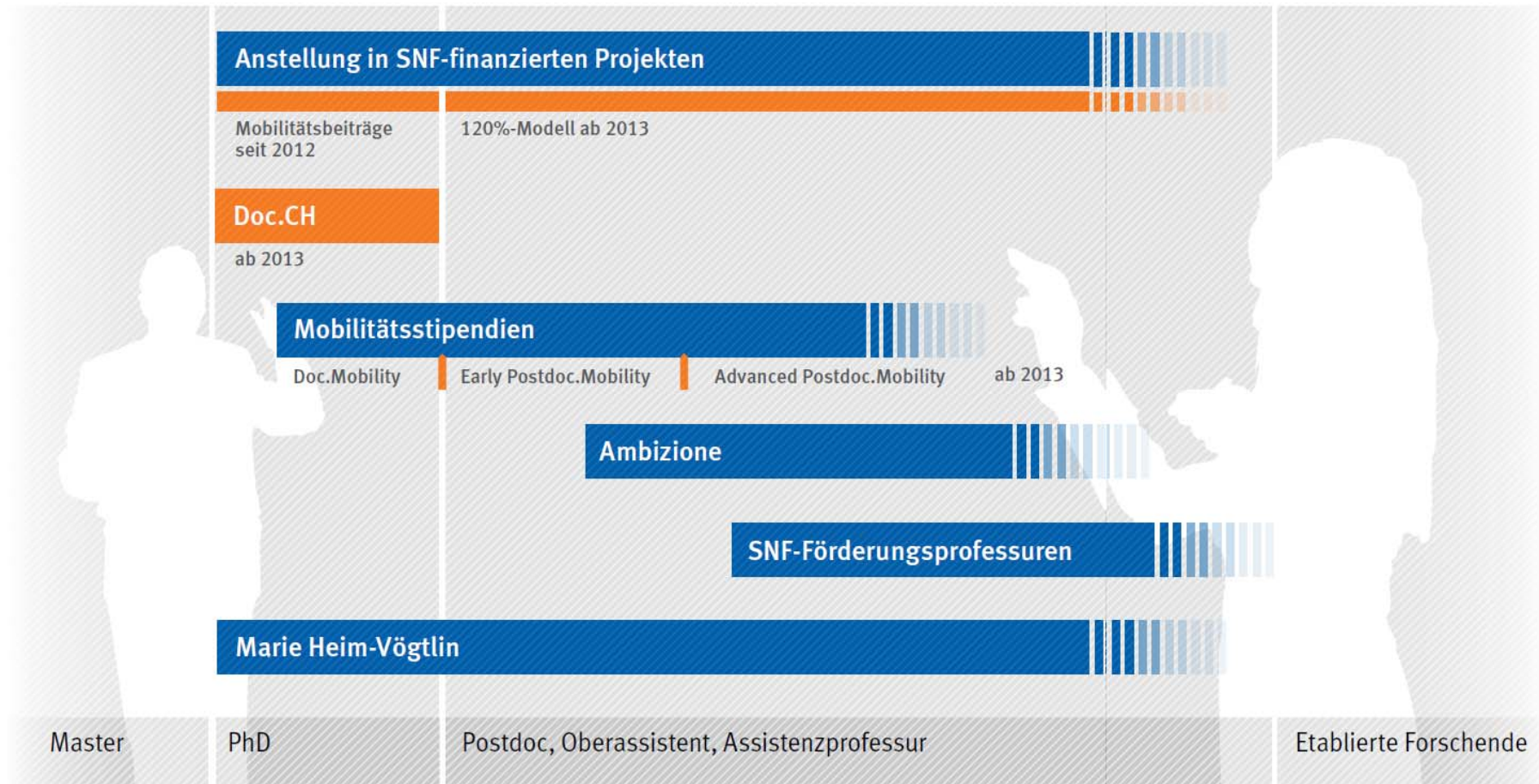
Overview of SNSF career funding



See «**Career funding – Guidelines for applicants**»

-> to find under snf.ch/E > Funding > Guidelines & Documents

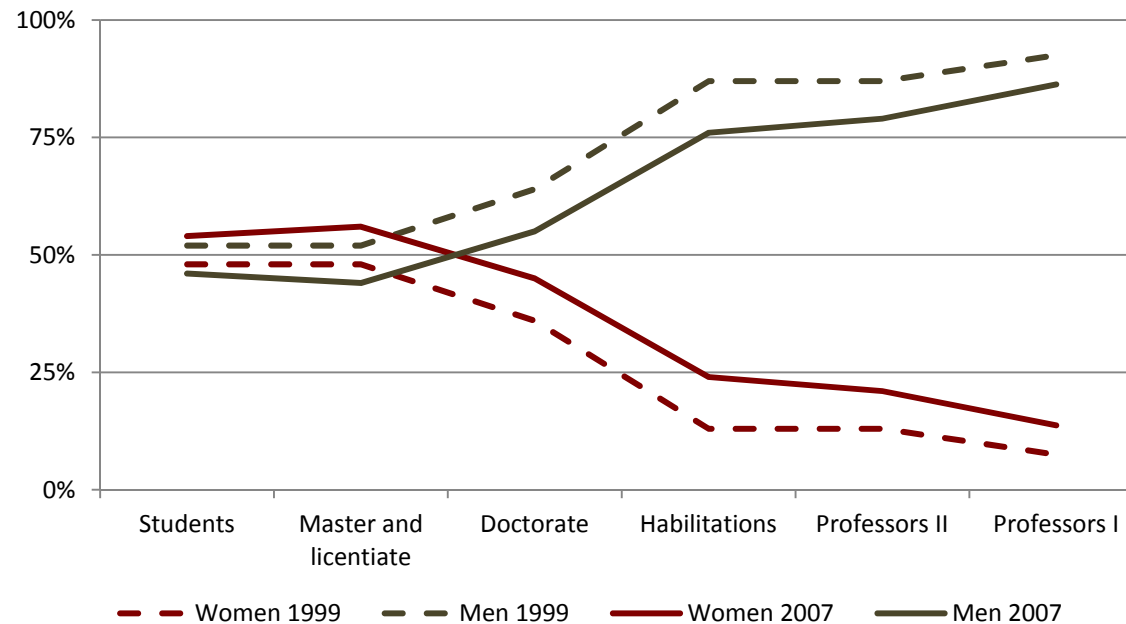
Newly introduced measures



Plus: increased salaries, protected times for research, etc.

But not all is *rosy*: The leaky pipeline

Share of women at the Swiss Universities

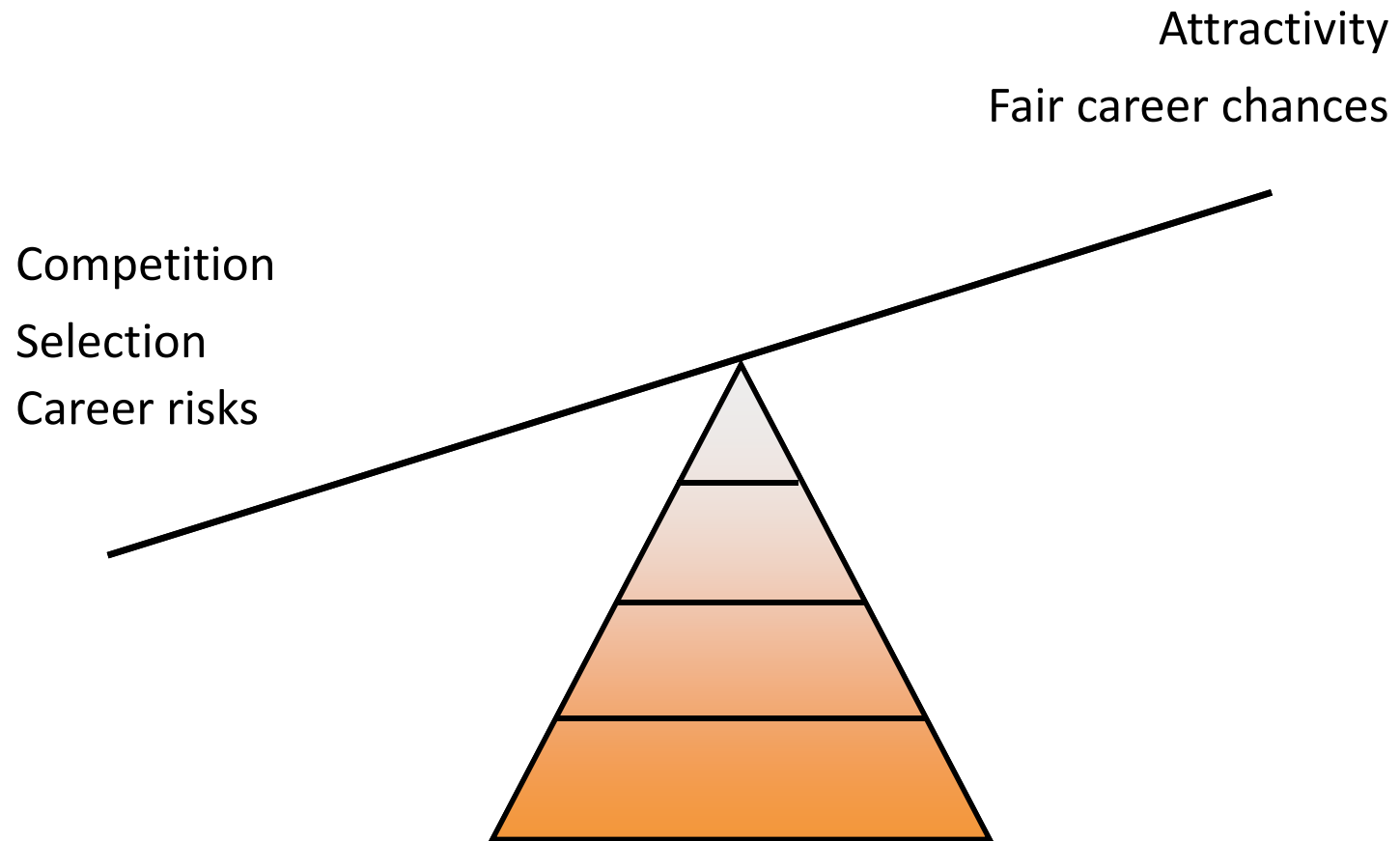


Evaluation Bundesprogramm
Chancengleichheit), SER, 2008

→ *MHV, Gleichstellungsbeiträge and other measures*



Finding the right balance...





OVERVIEW

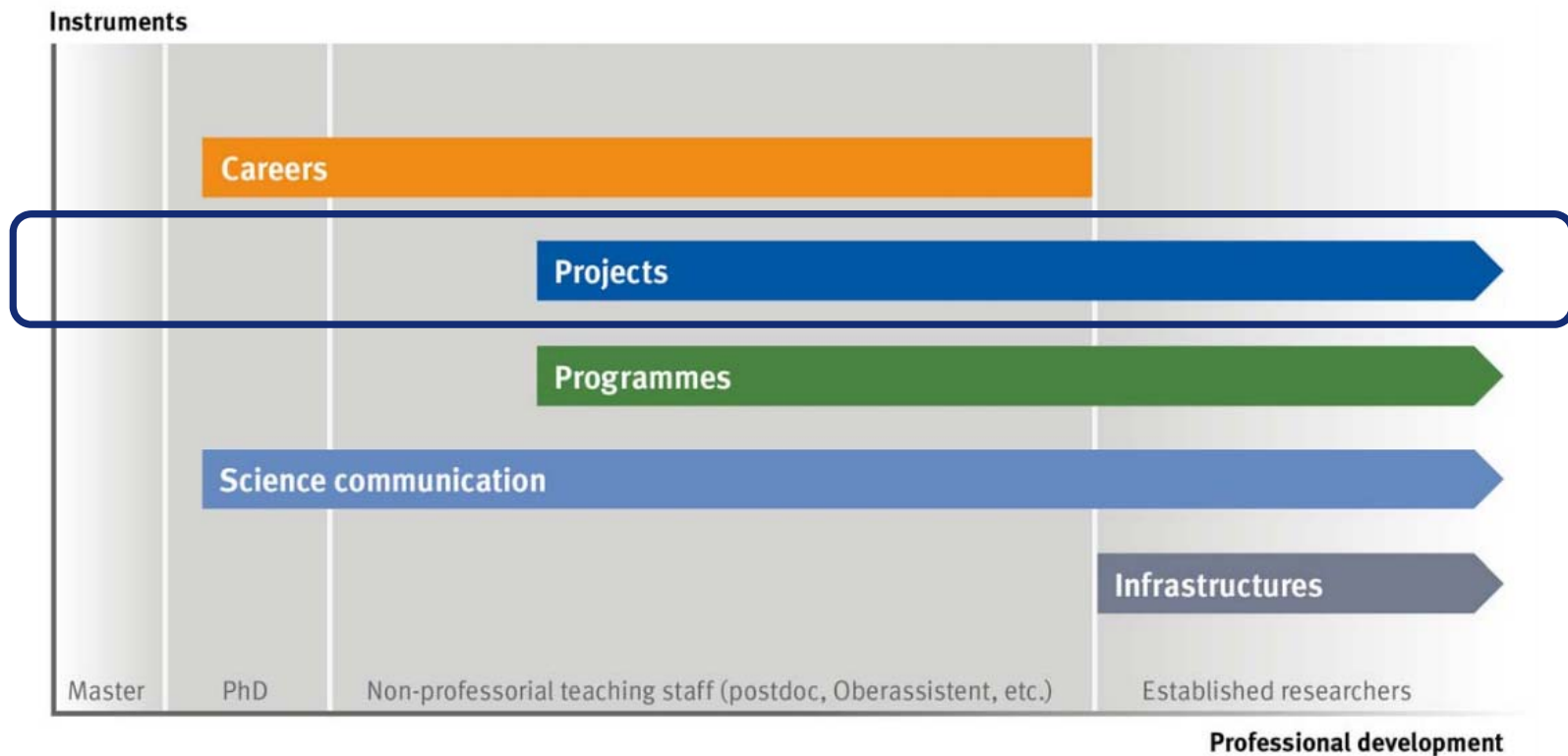
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Project funding



See «**Project funding – Guidelines for applicants**»

->to find under snf.ch/E > Funding > Guidelines & Documents

What is project funding?

Core “business” of the SNSF

Funding for projects of **high quality** in all scientific disciplines

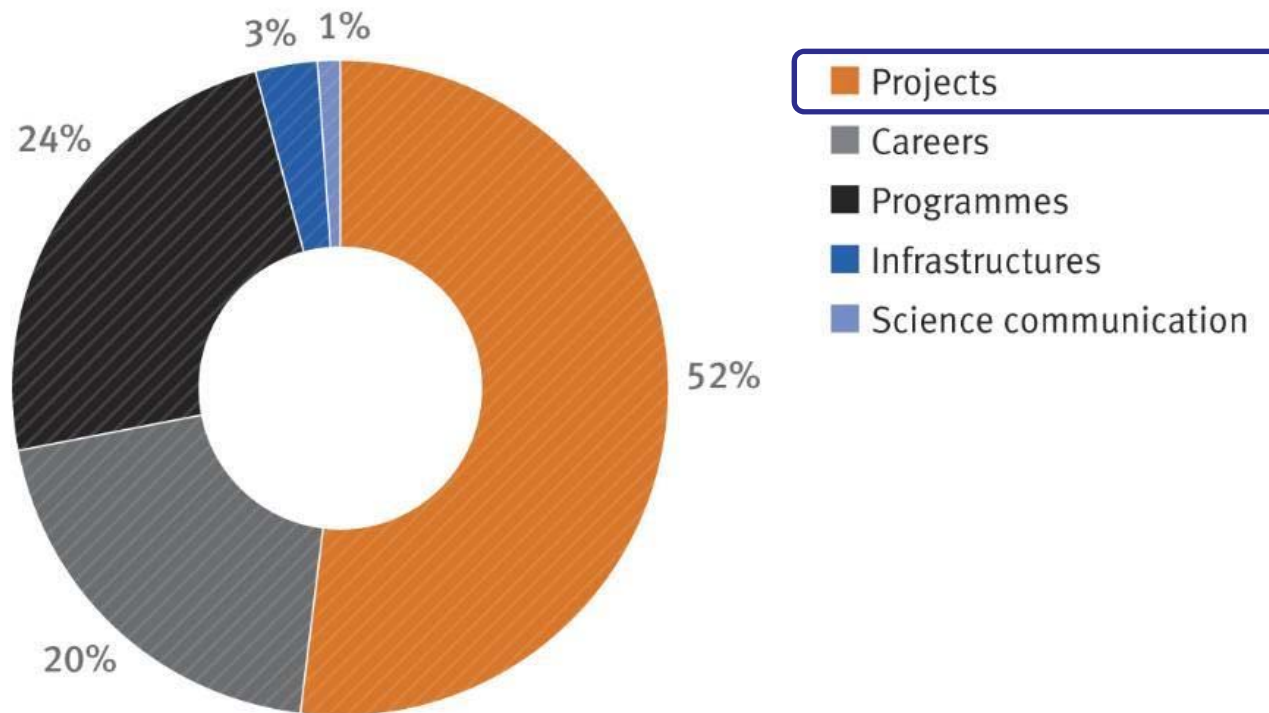
Topics can be chosen freely by scientists

Covers direct research costs
(staff salaries, materials, travel costs etc.)

→ separate workshop for more information

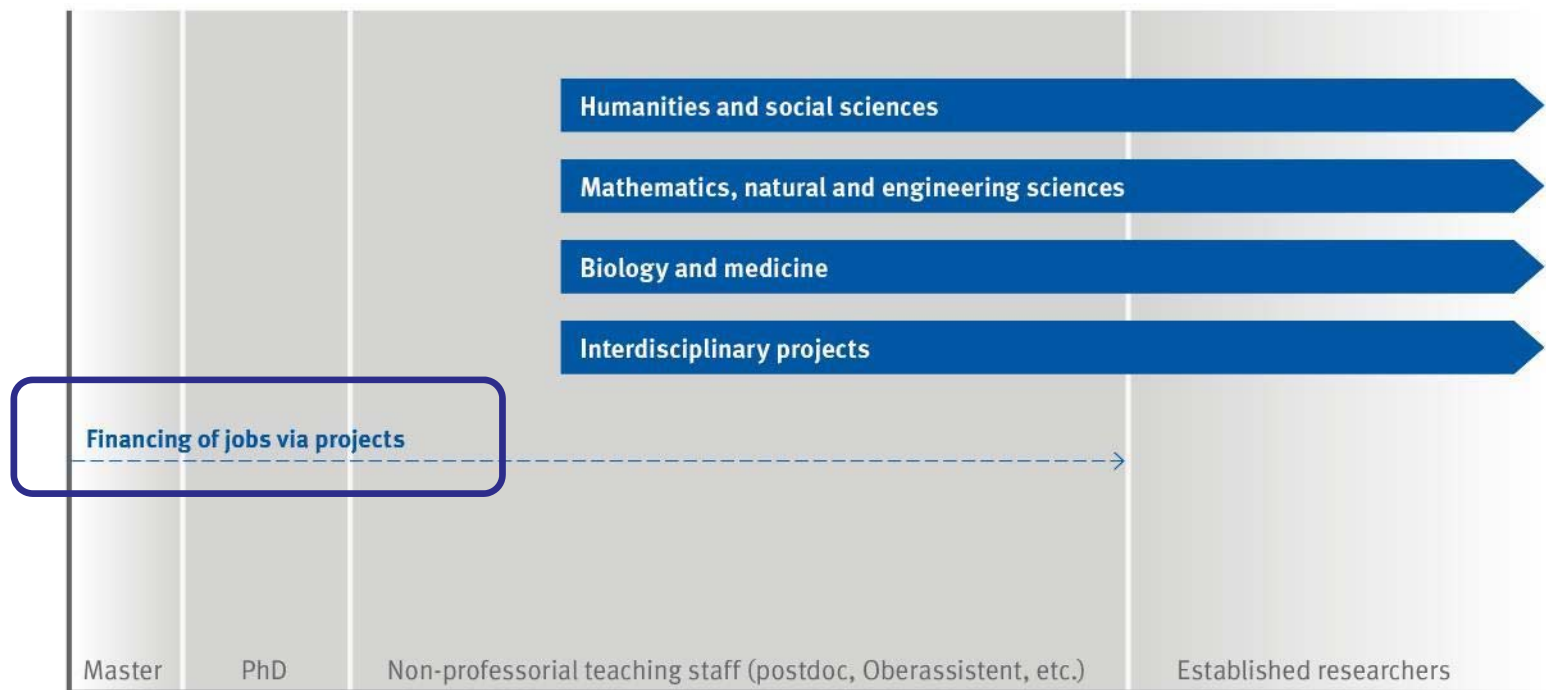


Funding by scheme 2012



Total:
CHF 755.2 million

Project funding





OVERVIEW

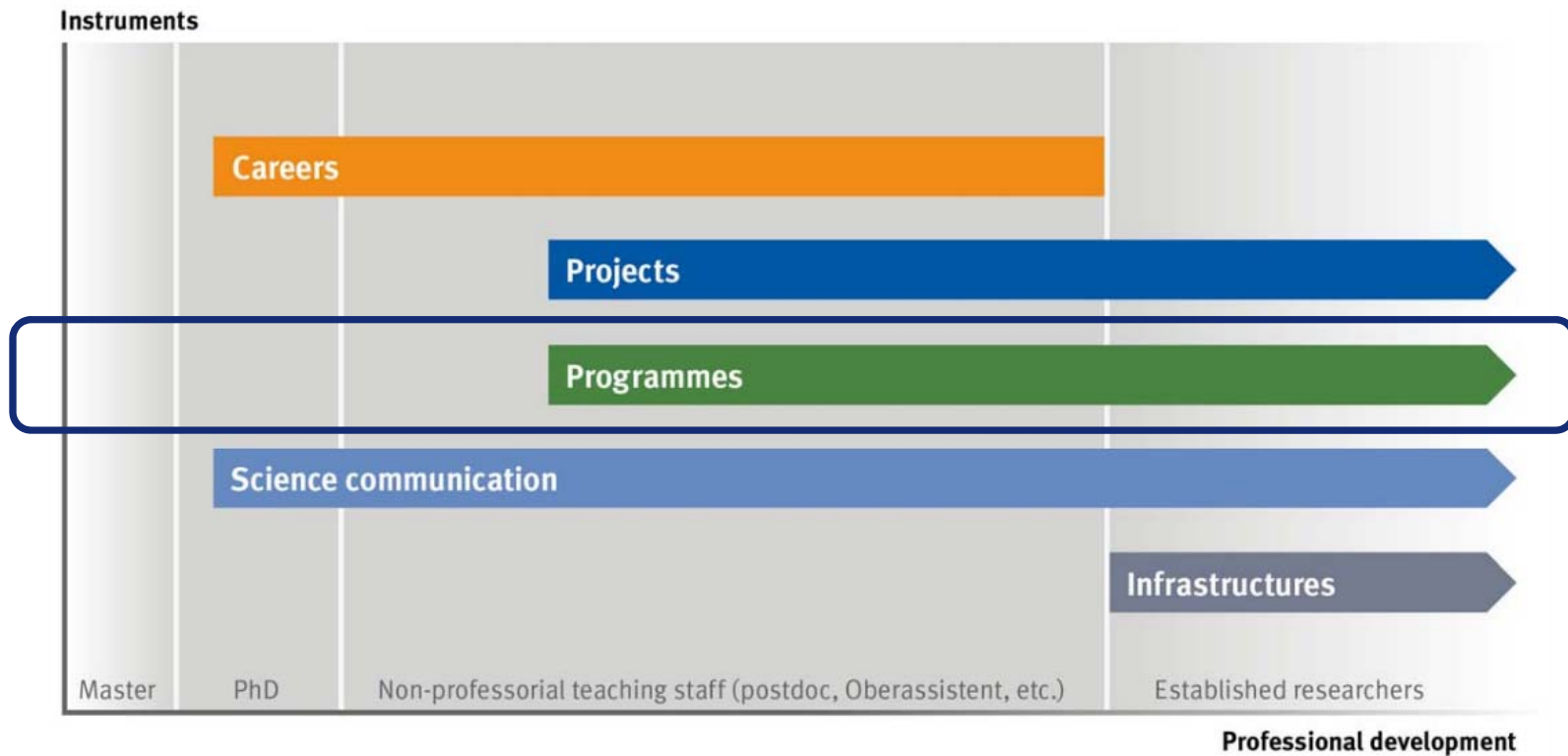
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Program funding



What is a SNSF «program»?

ie. National Research Programmes (NRP):

The NRPs generate scientific knowledge aimed at **solving Switzerland's most pressing problems.**

The topics are specified by the Federal Council.

A typical example:

Nutzen und Risiken der Freisetzung gentechnisch veränderter Pflanzen

Nationales Forschungsprogramm NFP 59



National Research Programmes

Decided by **politics** (SNSF guarantees quality)

Problem-oriented and interdisciplinary

- Annually 1-3 new NRPs
- Duration: 3-5 years
- CHF 5-20 million for each
- 9 NRP currently running

→ Lots of opportunities!



The NCCRs (another “program”)

National Centres of Competence (NCCRs)

NCCRs promote **long-term research** projects in areas of vital strategic importance for the **development of science in Switzerland**, for the economy of the country, and for Swiss society.

Typical example:

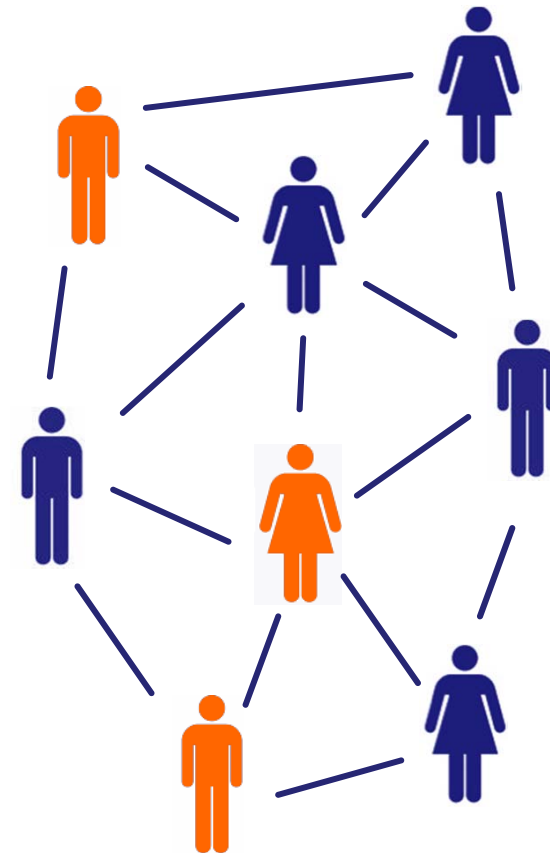


Sinergia

Small research networks
(Collaborative project involving 3-4 research groups)

**Inter-institutional,
(inter)disciplinary
and innovative projects**

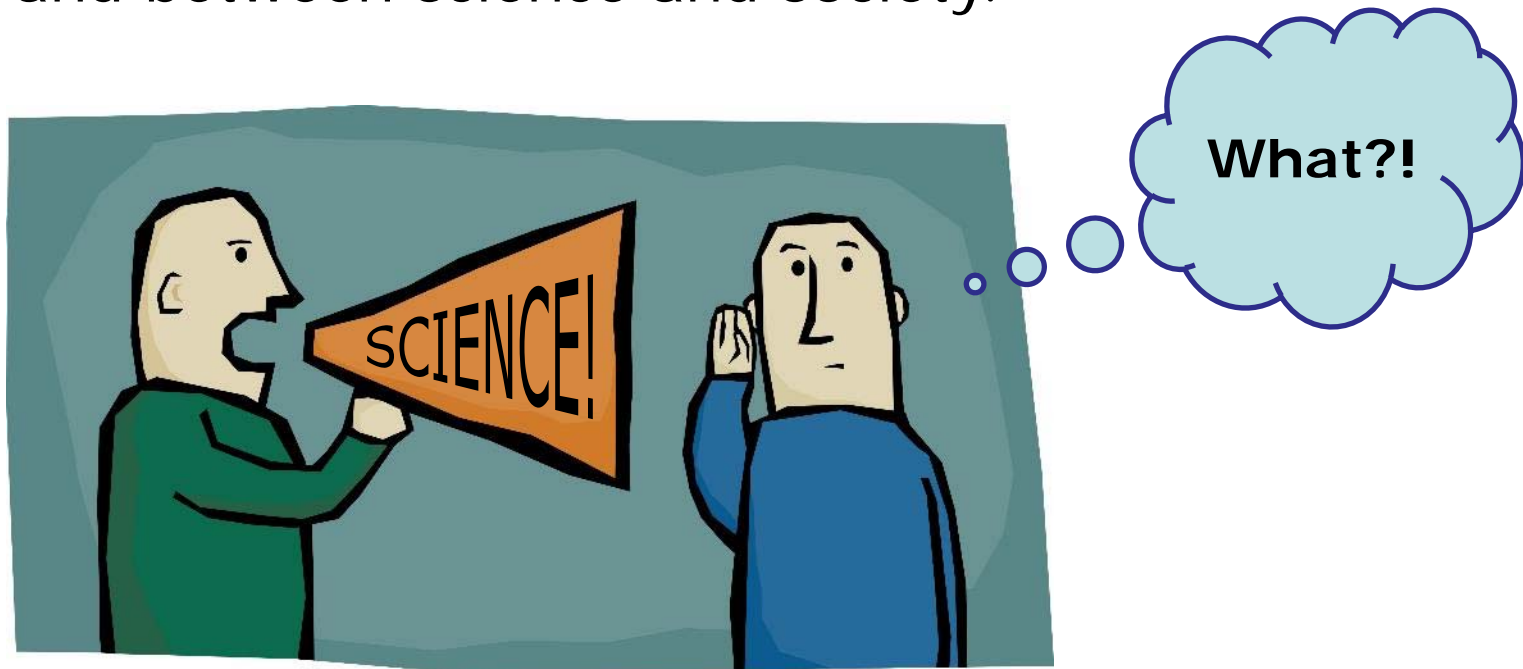
Very competitive scheme
for experienced researchers



→ see workshop at coffee break

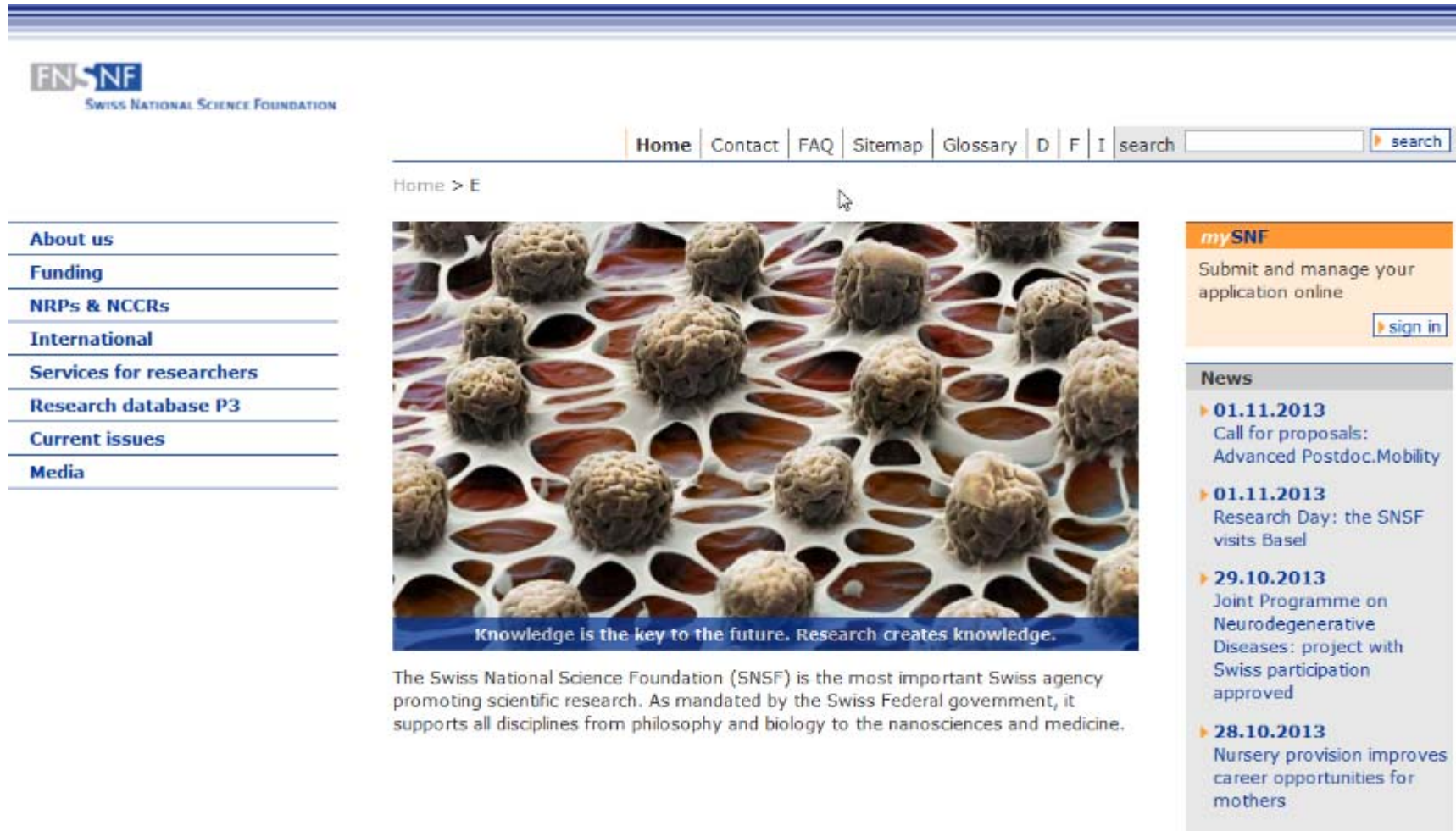
Science communication

Funds for communication between researchers and between science and society.



→ Conferences, publication grants, exploratory Workshops, Agora

Coming soon: new website snsf.ch



The screenshot displays the SNSF website interface. At the top left is the SNSF logo with the text "SWISS NATIONAL SCIENCE FOUNDATION". A navigation bar includes links for Home, Contact, FAQ, Sitemap, Glossary, and language options (D, F, I), along with a search box. A left sidebar lists menu items: About us, Funding, NRPs & NCCRs, International, Services for researchers, Research database P3, Current issues, and Media. The main content area features a large image of brain cells on a grid with the text "Knowledge is the key to the future. Research creates knowledge." Below this is a paragraph describing the SNSF's role. On the right, a "mySNF" section offers online application management with a sign-in button, and a "News" section lists recent announcements with dates and titles.

Home | Contact | FAQ | Sitemap | Glossary | D | F | I | search

Home > E

mySNF
Submit and manage your application online

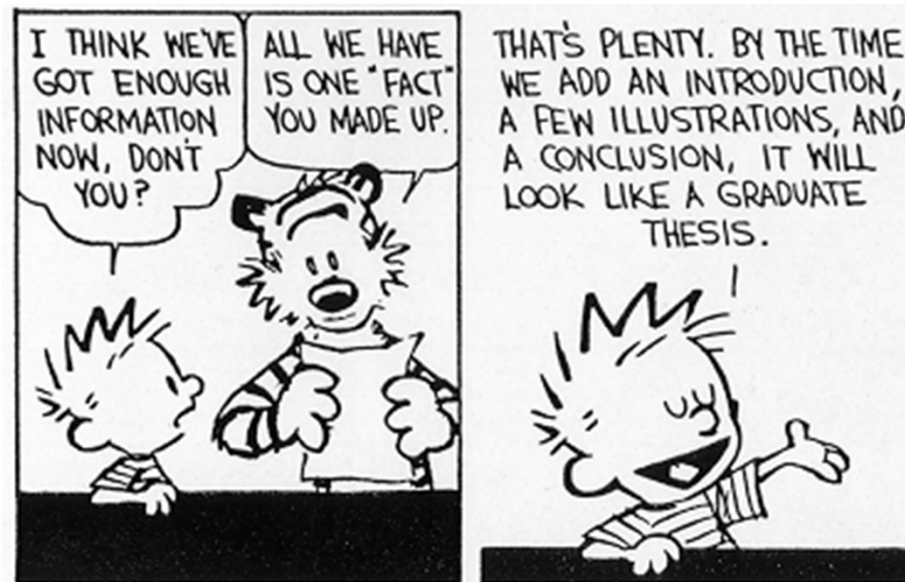
News

- ▶ **01.11.2013**
Call for proposals: Advanced Postdoc.Mobility
- ▶ **01.11.2013**
Research Day: the SNSF visits Basel
- ▶ **29.10.2013**
Joint Programme on Neurodegenerative Diseases: project with Swiss participation approved
- ▶ **28.10.2013**
Nursery provision improves career opportunities for mothers

Knowledge is the key to the future. Research creates knowledge.

The Swiss National Science Foundation (SNSF) is the most important Swiss agency promoting scientific research. As mandated by the Swiss Federal government, it supports all disciplines from philosophy and biology to the nanosciences and medicine.

Thank you for your attention!



Do not hesitate to contact us!



Do you have any questions?



Submission of applications and evaluation procedure



Guidelines and documents

Project and career funding: **Description of the evaluation procedure**

-> snf.ch/E > Funding > Guidelines & Documents



Scientific evaluation criteria

Proposed project

- Scientific relevance, topicality and originality
- Suitability of methods and feasibility

Applicants

- Scientific track record
- Professional expertise with regard to the project (in project funding)

Other criteria specific to programmes in career funding (see following workshops)



Evaluation procedure

Receiving applications,
checking if **formal conditions** are met

Evaluation of application based on a peer review
system, reader system or panel in one or two stages

Discussion and **provisional decision** in relevant body

Formal examination of evaluation procedure
and final decision

Communication of decision to applicants



National Research Council: Structure

Division I: Humanities and Social Sciences

Division II: Mathematics, Natural and Engineering
Sciences

Division III: Biology and Medicine

Division IV: National Research Programmes (NRP)
National Centres of Competence in Research
(NCCR)



National Research Council: Structure

Specialised Committees:

- Interdisciplinary Research
- Career Funding
- International Co-operation