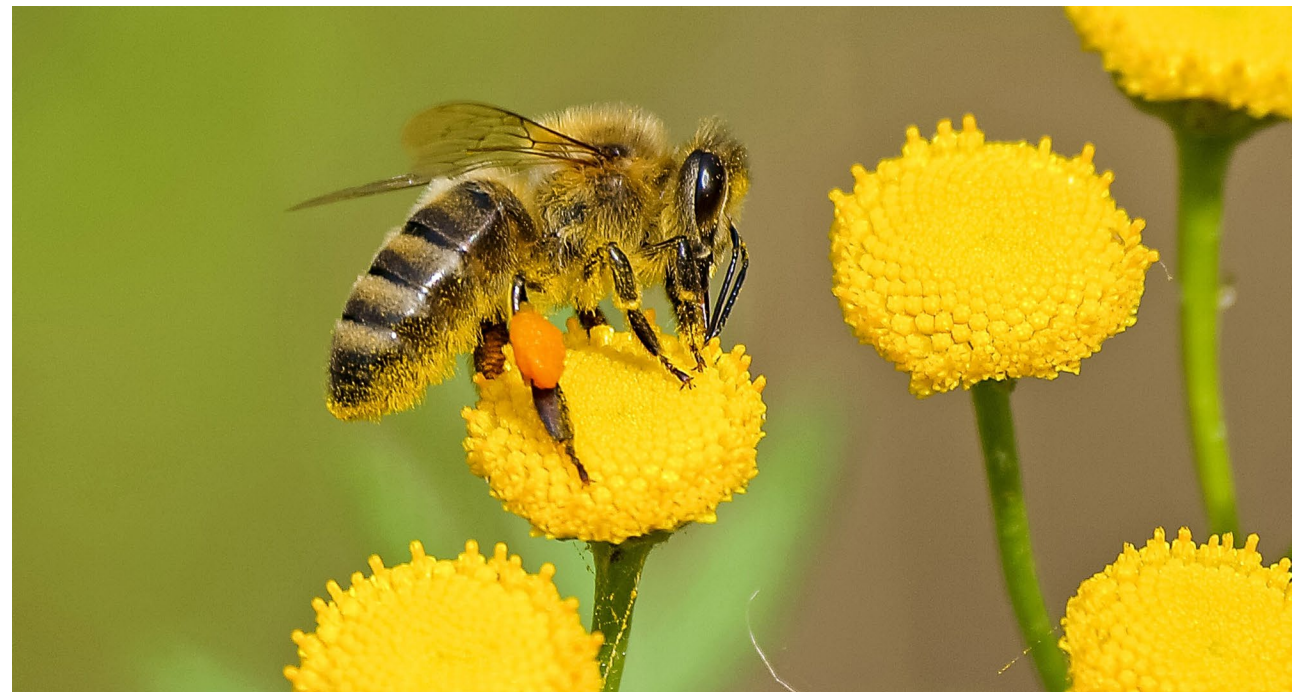


Biodiversity and Ecosystem Services
National Research Programme



INFORMATION WEBINAR

Prof. Markus Fischer, President of the Steering Committee
Dr. Beatrice Schibler and Dr. Anne Jores, Programme Managers
Marie-Jeanne Khiari, Programme assistant

8 January 2024
14:00-15:30



**Swiss National
Science Foundation**

Agenda

Item	Who	Time
Brief introduction to NRPs and NRP 82	Anne Jores	5'
Background, thematic focus of NRP 82	Markus Fischer	20'
Key characteristics of the NRP 82 and funding	Beatrice Schibler and Anne Jores	20'
Your questions and answers	All	45'
Please also type your questions in the chat during the presentation.		

This event will be recorded for internal purposes

nfp82@snf.ch

What are National Research Programmes (NRPs)?

Topics can be proposed by any individual, federal offices or interest groups. The Federal Council decides.

Goals

Generate **scientific knowledge** aimed at help solving **Switzerland's most pressing challenges**.

Have **broader impact** through

- stakeholder participation / transdisciplinary approaches.
- implementation activities, e.g. knowledge and technology transfer, dissemination, dialogue.

Characteristics

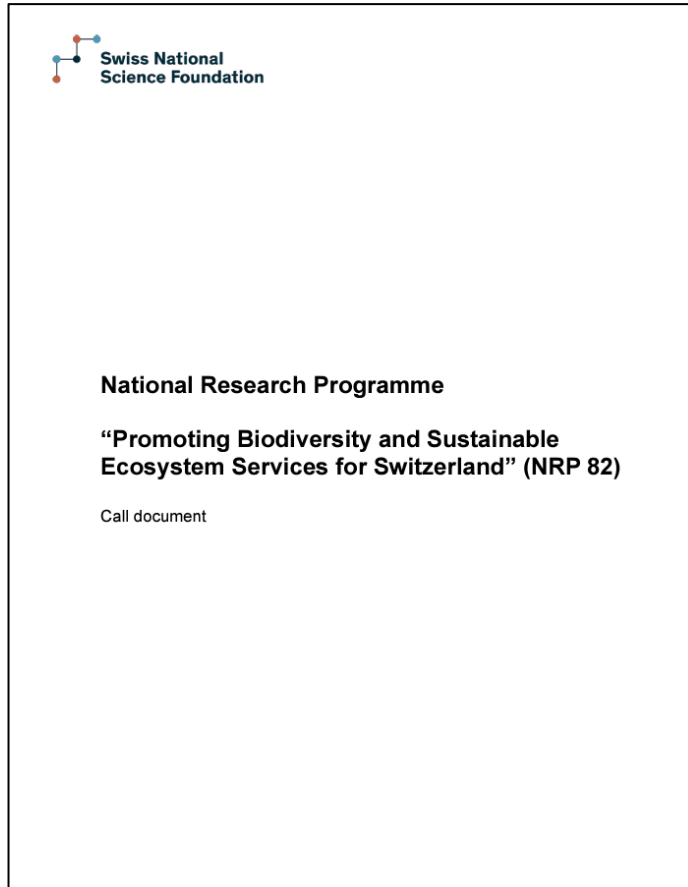
- NRP are launched at irregular intervals (Prüfrunde)
- **Steering Committee (SC)** appointed by NRC
- **Coordination and monitoring**
- Mandates for **Knowledge and Technology Transfer**
- **Programme synthesis**

Key facts

- Duration of research: 5 years
- CHF 10 - 20 million
- 15 - 30 research groups in different Swiss research institutions
- 5 NRPs are ongoing
- 4 new NRP are being launched

NRP 82 website and call document

www.nrp82.ch

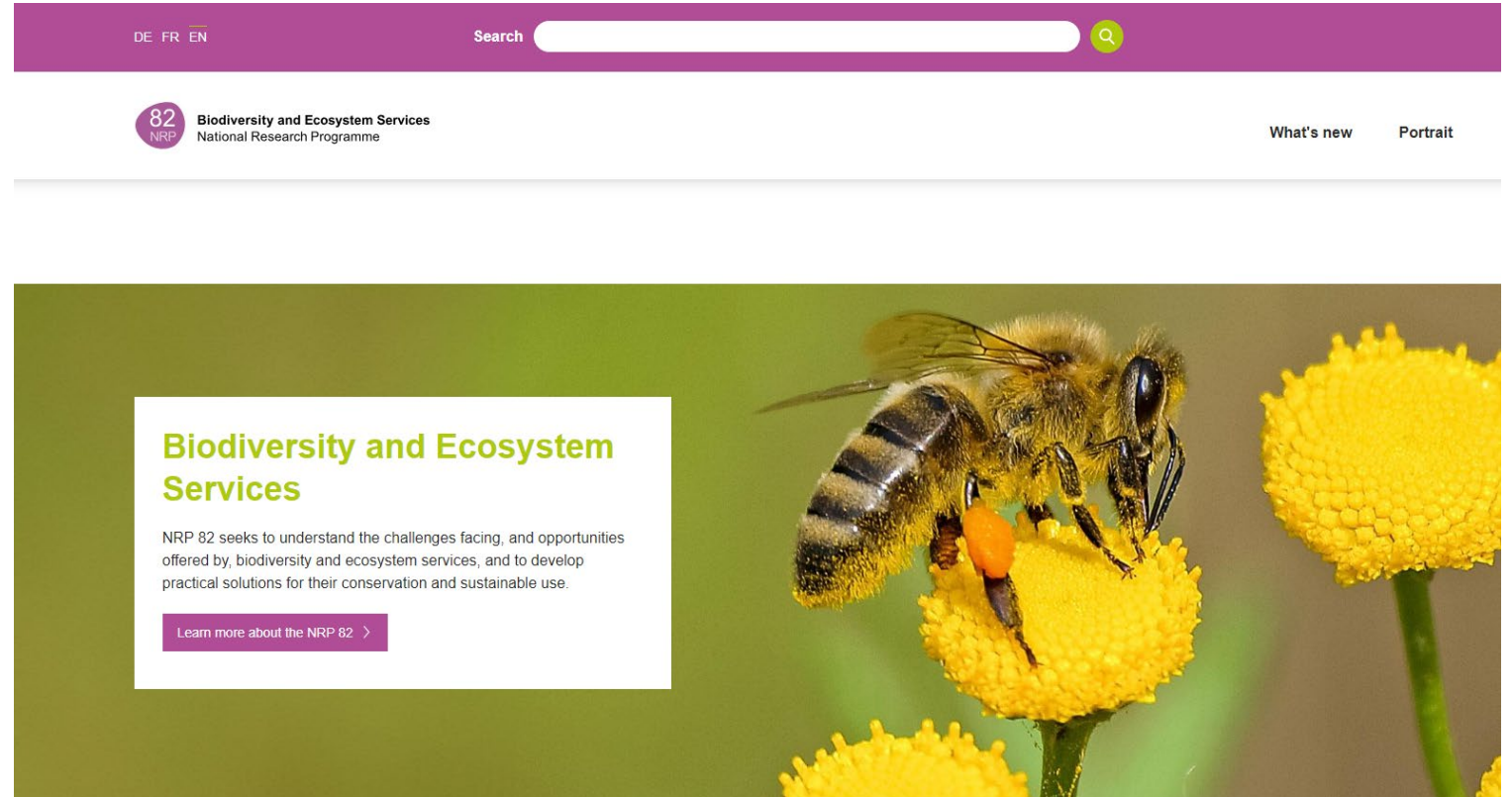


Swiss National Science Foundation

National Research Programme

“Promoting Biodiversity and Sustainable Ecosystem Services for Switzerland” (NRP 82)

Call document



DE FR EN Search


82 NRP Biodiversity and Ecosystem Services National Research Programme

What's new Portrait

Biodiversity and Ecosystem Services

NRP 82 seeks to understand the challenges facing, and opportunities offered by, biodiversity and ecosystem services, and to develop practical solutions for their conservation and sustainable use.

[Learn more about the NRP 82 >](#)

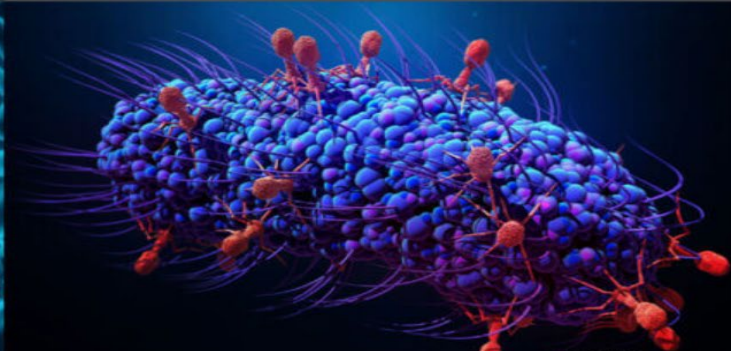
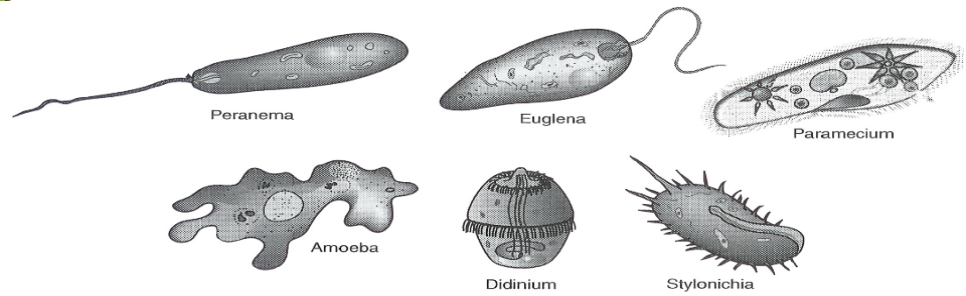


Latest news

link to [Newsletter NRP82](#)

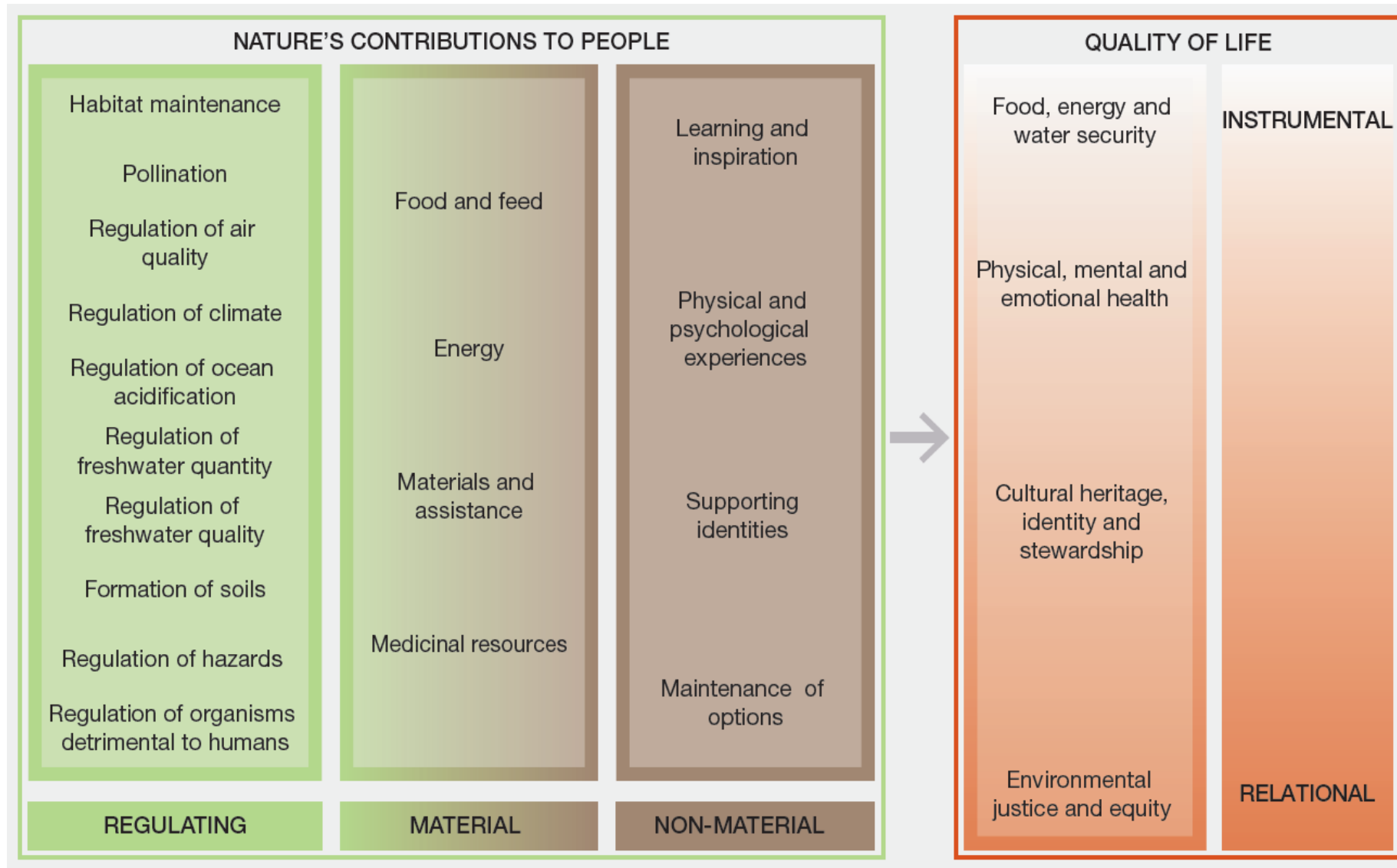
NFP 82 Background and thematic focus



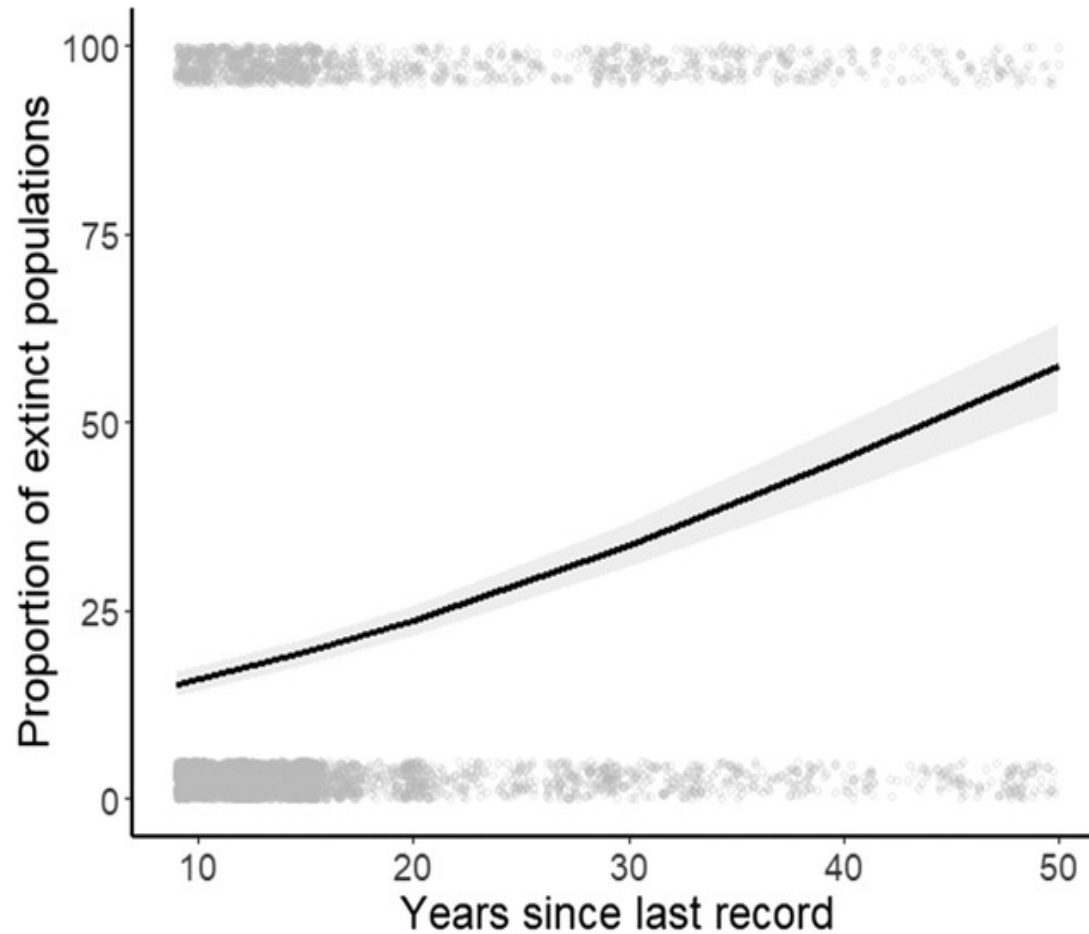
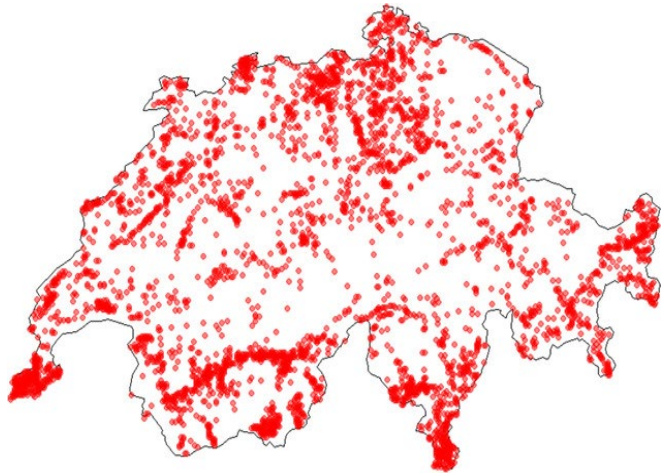




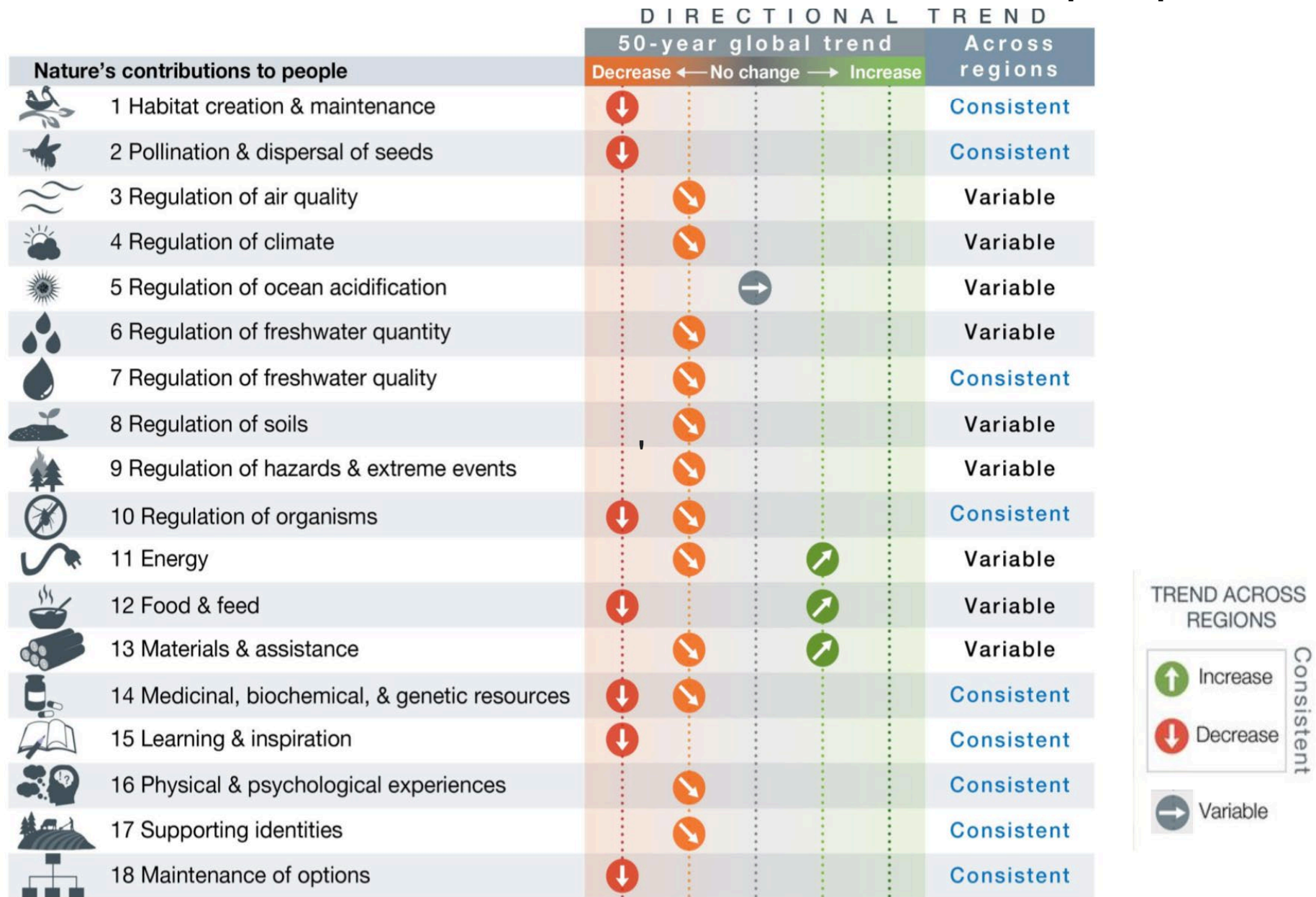
Nature's contributions to people



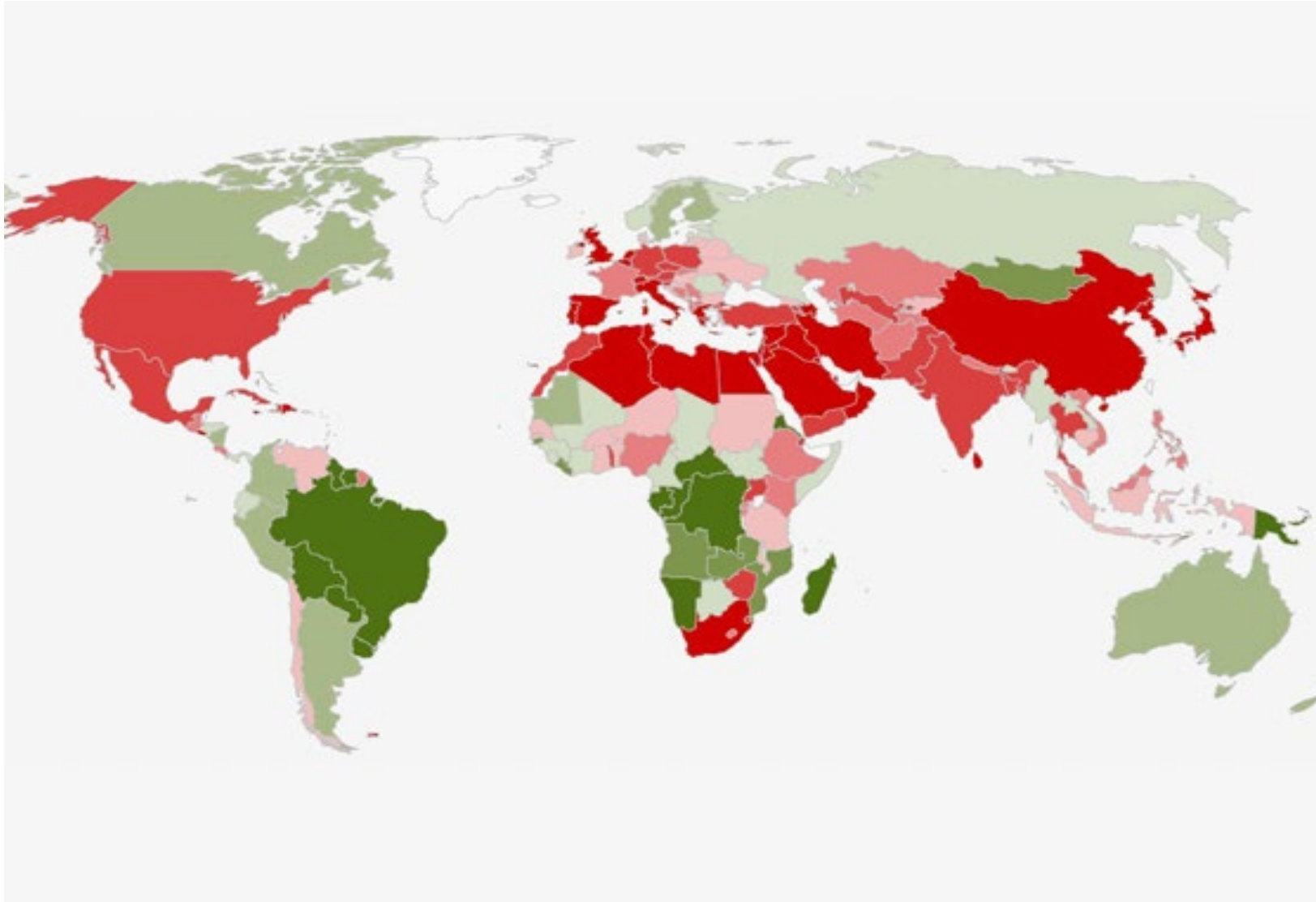
Nationwide revisitation reveals thousands of local extinctions across the ranges of 713 threatened and rare plant species



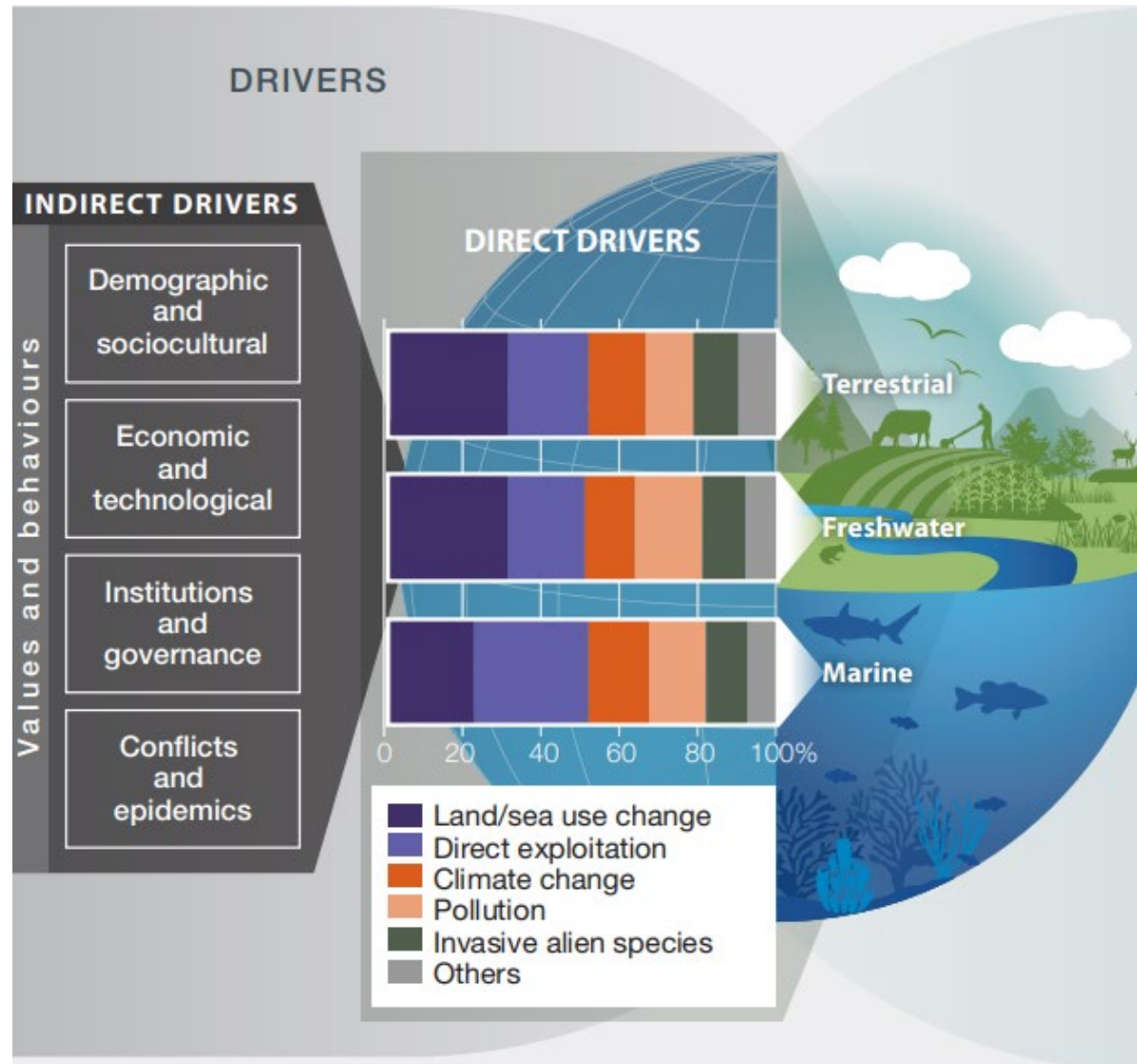
Decline of most of nature's contributions to people



Ecological footprint and biocapacity



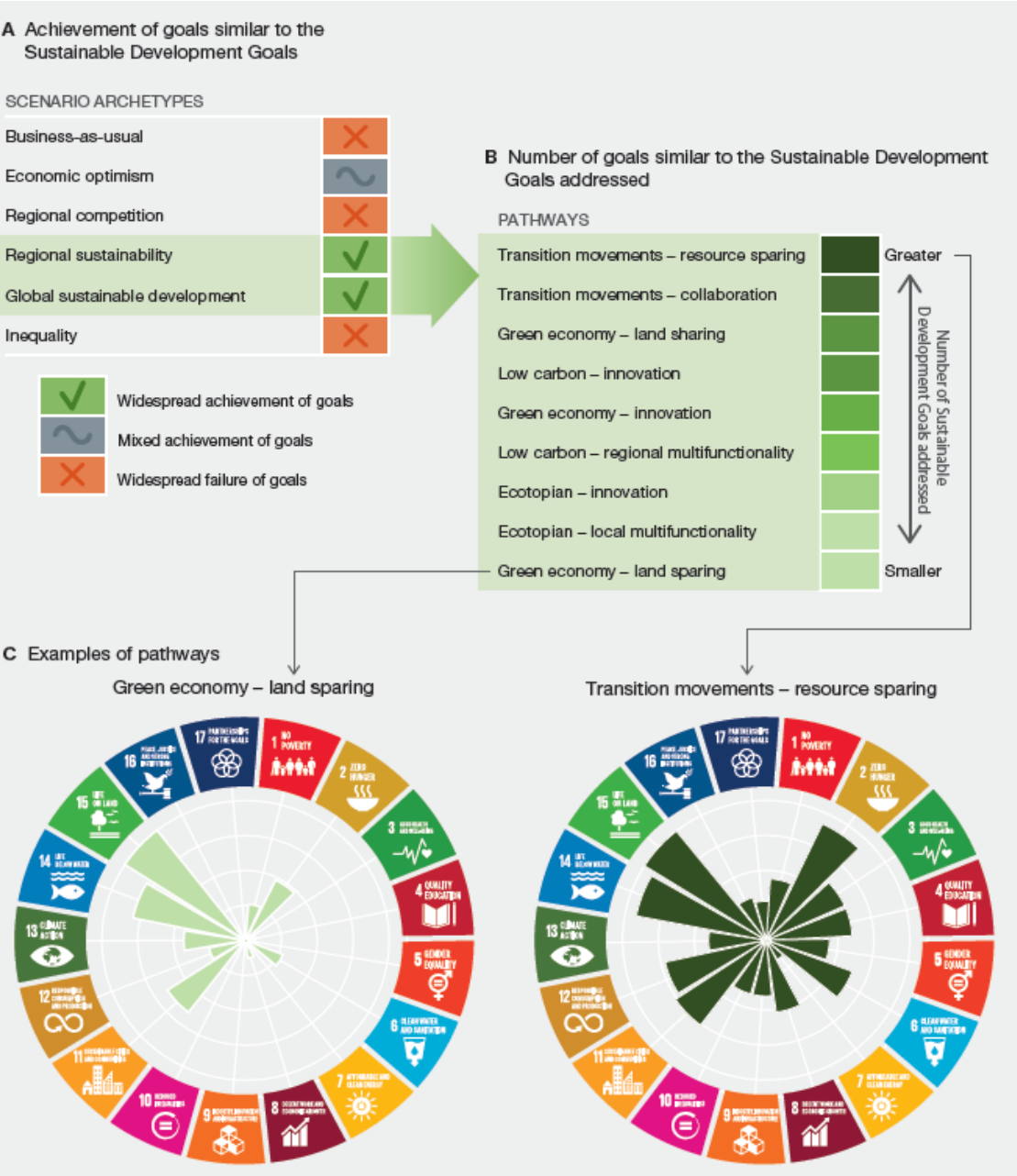
Direct and indirect drivers of biodiversity change



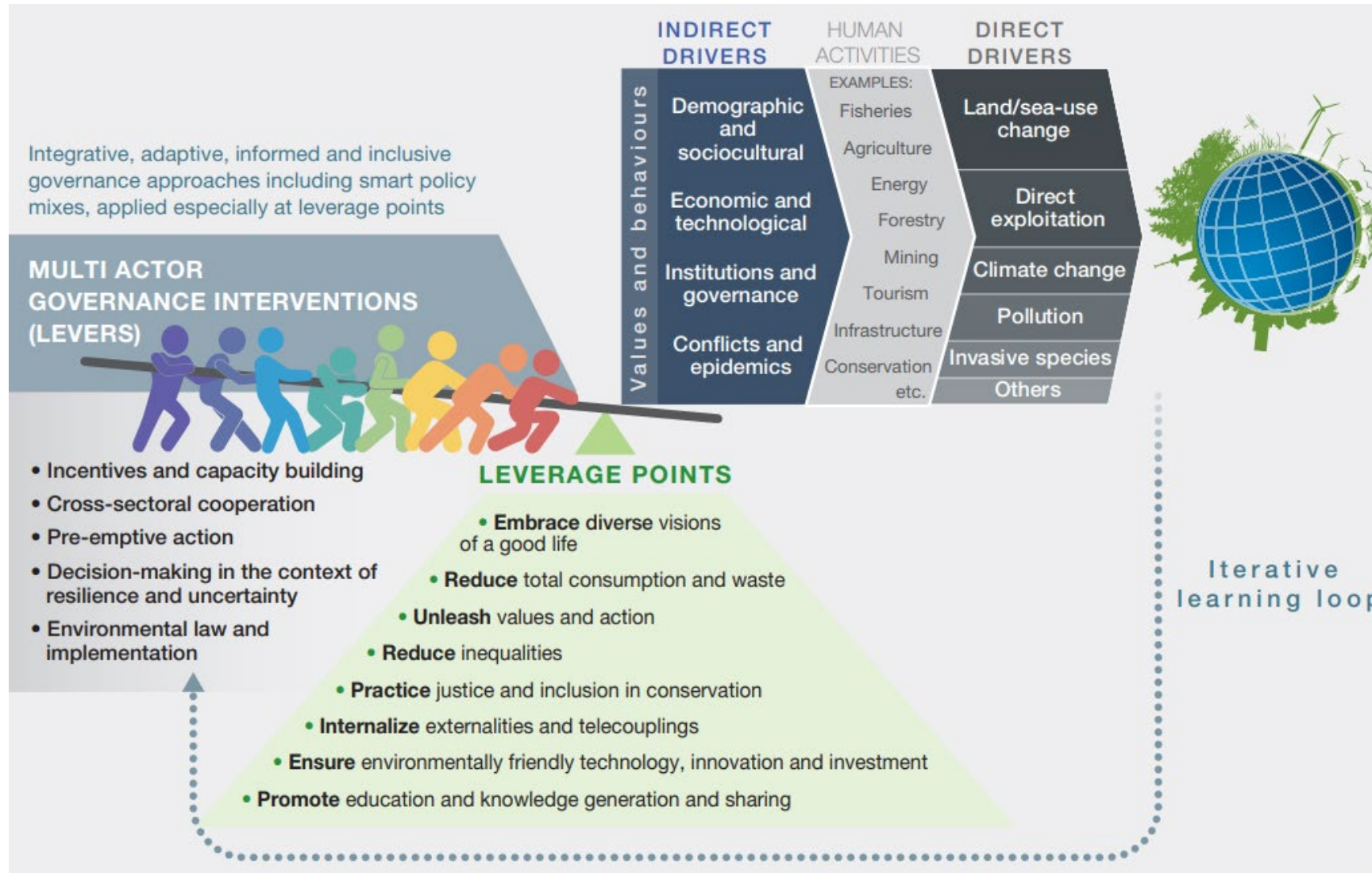
Scenarios

The most effective pathways stress long-term societal transformation

Extent to which goals such as the Sustainable Development Goals are expected to be achieved under the six scenario types (Figure SPM 11 – IPBES Europe and Central Asia Assessment, 2018)



Transformative change



Strategie Biodiversität Schweiz



Kunming-Montreal Global Biodiversity Framework (GBF)

NRP 82 programme goal

The programme will identify and explore **biodiversity trends, visions and options for transformation which will enable Switzerland to fulfil or exceed the ambition set by the goals of the Global Biodiversity Framework of the Convention on Biological Diversity (2022)** and the Sustainable Development Goal 15 for Life on Land. It aims at achieving its objectives by working in close collaboration with stakeholders from civil society, as well as from the private and the public sector.

NRP 82 Specific Objectives

1. fill knowledge gaps to enable an integrative monitoring and analysis of trends in biodiversity and ecosystem services, their relationships, the underlying drivers, and to enable actions towards reversing the negative Swiss footprint on biodiversity.
2. identify the value systems informing stakeholders' engagement with biodiversity and ecosystem services and visions for safeguarding them.
3. analyse and develop governance options and instruments (e.g. economic, social, regulatory, or legal ones) for promoting biodiversity and sustainable ecosystem services.
4. develop and explore transformative pathways, which lead towards realising visions of biodiversity and ecosystem services and which encompass cultural, political, economic and technological dimensions.

NRP 82 Research Modules

Module 1: Drivers and trends

What changes of biodiversity and ecosystem services do we observe, which are the drivers of these changes, and how can we reverse the negative Swiss footprint on biodiversity and ecosystem services?

Module 2: Valuation and visions

What are the plural perspectives on valuing biodiversity and ecosystem services and how can they be employed to inform visions and pathways towards safeguarding and promoting biodiversity and sustainable ecosystem services?

Module 3: Governance and transformation

What are the current governance mechanisms affecting biodiversity and ecosystem services, what are governance mechanisms desired for promoting biodiversity and sustainable ecosystem services, and which transformation allows us to get there?

NRP 82 Research Modules

Each module lists important questions and projects are expected to combine several of these questions

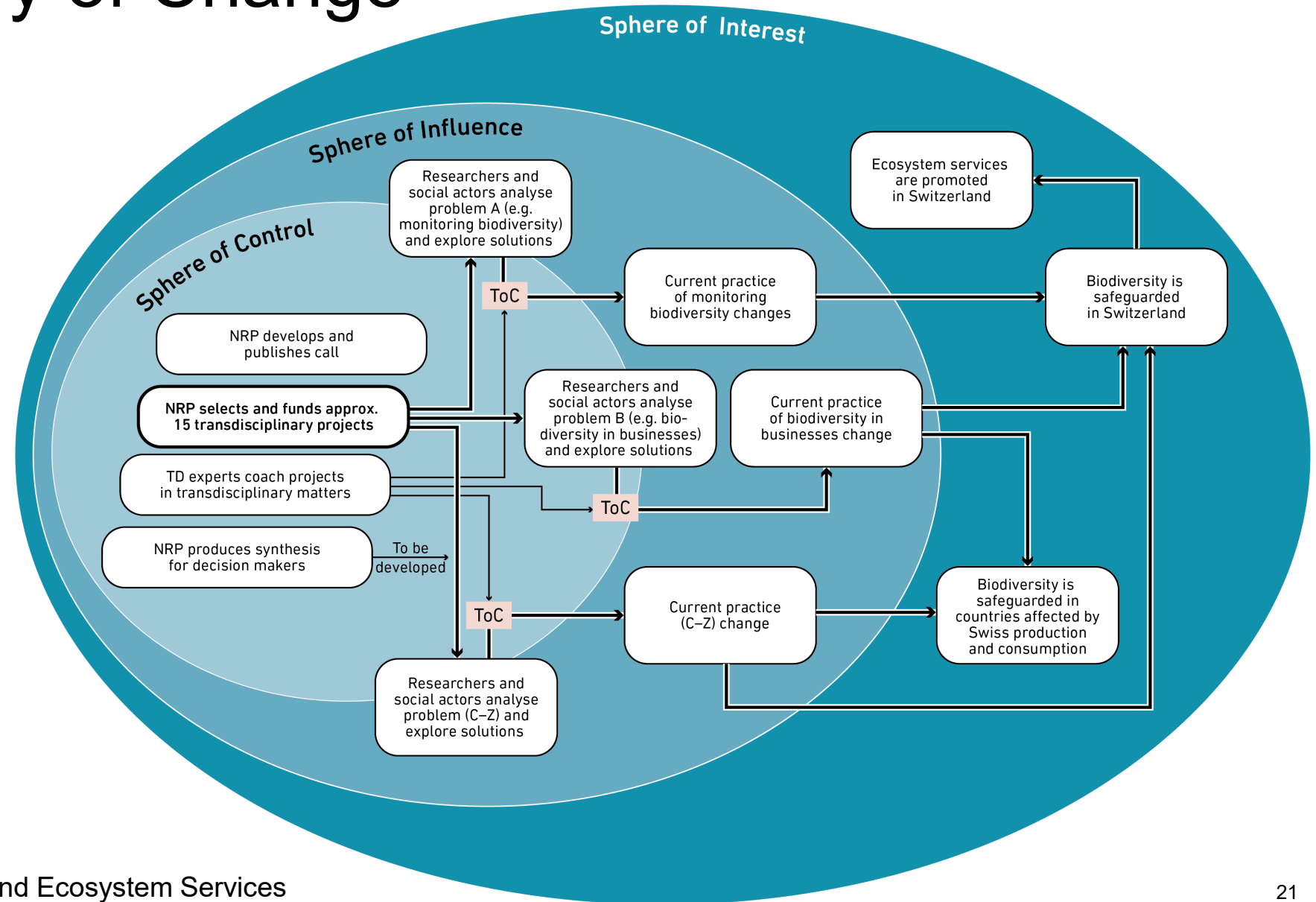
- Address gaps in system knowledge only to the degree that is absolutely necessary
- Focus on gaps in target and transformation knowledge

NRP 82 as a pilot for transdisciplinary research

NRPs respond to societal challenges and have a **societal impact**.

- **Co-creation**: equal partnership of researchers with societal partners through the whole research process, starting from the beginning.
- **Co-production**: equal partnership to link scientific processes of knowledge production on biodiversity with societal processes of learning and changing practices that influence biodiversity.
- **Transformation**: this programme uses an approach that provides solutions and accompanies the transformation phases together with stakeholders from relevant sectors.

NRP 82 Theory of Change



NRP 82 Programme Budget

Preparatory phases		CHF 0.6 million (approx. 30 x CHF 20'000)
Research (CHF 11.2 million) (Please note that projects may contribute to one, two or all three modules)	Module 1: Drivers and trends	CHF 4.2 million
	Module 2: Values and visions	CHF 3.5 million
	Module 3: Governance and transformation	CHF 3.5 million
Transformation Accelerating Grants		CHF 1 million (approx. 10 x CHF 100'000)
Knowledge building, creation and exchange; implementation and technology transfer; programme synthesis; trans-disciplinary support		CHF 2.2 million
Scientific evaluation and support, administration		CHF 0.5 million
Total budget		CHF 15.5 million

Conclusions

Biodiversity is fascinating and enormously precious.

However, due to various indirect and direct drivers it is declining rapidly.

To reverse this decline and to maintain nature's contributions to people requires transformative change. This entails values, visions and options for governance and management.

There are considerable knowledge gaps on all of these issues.

In this context, NRP 82 offers the unique opportunity to contribute knowledge and to trigger, catalyse and support transformative action to the benefit of biodiversity and people for Switzerland.

NFP 82 Project Funding, Submission, and Eligibility



Transdisciplinarity at project level

- Mixed consortium composition
- Preparatory phase for research project design (full proposal)
- Requirements towards research projects: Theory of Change and indicators for projects at full proposal
- Transformation accelerating grants (TAGs) for implementing research outputs in the form of pilots or scaling up projects (e.g. Co-Creation labs)

NRP 82 project funding

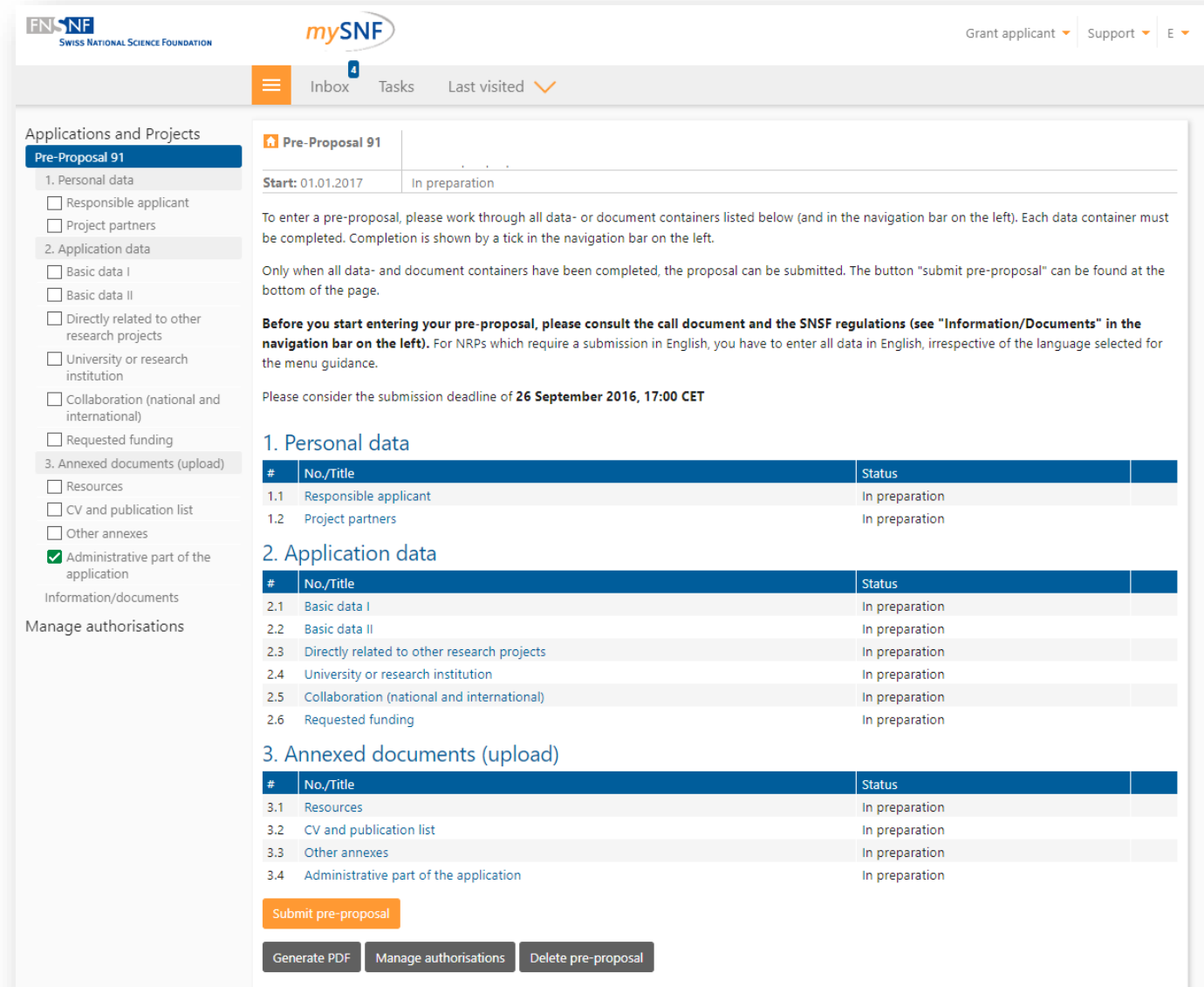


How to submit an application

Submission via www.mySNF.ch

- register as mySNF users (accounts from the past remain valid)
- create a new application: Select your call under Programmes (national and international) → National Research Programmes → NRP 82: Biodiversity and Ecosystem Services: Preparatory Phase Proposal 2024
- Under Information/documents; find all relevant regulations, templates and guidelines for the call

Register and create a new application early!



The screenshot shows the mySNF web application interface. The top navigation bar includes the SNSF logo, the mySNF logo, and user options like 'Grant applicant', 'Support', and 'E'. Below the navigation bar, there are tabs for 'Inbox', 'Tasks', and 'Last visited'. The main content area is titled 'Pre-Proposal 91' and shows the start date '01.01.2017' and the status 'In preparation'. The page contains instructions for entering a pre-proposal, a submission deadline of 26 September 2016, 17:00 CET, and a table of data containers with their status.

#	No./Title	Status
1.1	Responsible applicant	In preparation
1.2	Project partners	In preparation
2.1	Basic data I	In preparation
2.2	Basic data II	In preparation
2.3	Directly related to other research projects	In preparation
2.4	University or research institution	In preparation
2.5	Collaboration (national and international)	In preparation
2.6	Requested funding	In preparation
3.1	Resources	In preparation
3.2	CV and publication list	In preparation
3.3	Other annexes	In preparation
3.4	Administrative part of the application	In preparation

Transdisciplinary consortia: minimum composition

1 main applicant

- Employed at least 50% at a Swiss higher education or research institution in accordance with Swiss law
- Researchers with at least 4 years' experience after doctorate or an independent research position with an employment for the duration of the project
- Responsible for submitting the preparatory phase and full proposals

1 societal actor (co-applicant)

- Self-employed or employed at a non-commercial institution based in Switzerland.
- They must not be employed by commercial institutions.
- Any type of organisation, other than a higher education or research institution, that represents a group of people actively engaged in policies and/or practices, including public organisations as well as private non-profit organisations such as NGOs, cooperatives, unions and civil society organisations.



equal partnership and shared responsibility between research and practice.

Project partners & subcontracting

Project partners: make important contributions (additional benefit for the research project); at a public, private or commercial research institution/company in CH or abroad under the condition that the contribution does not result in a direct monetary benefit for the employer

- Salaries of the project partners are not eligible for funding
- Project partners might employ personnel

Subcontracting: buy-in of services, often from companies

Costs for project partners and subcontracting: **max. 20% of total requested funds**

Consortia composition

Both main applicant and co-applicants share equal responsibilities for the project.

Number of applicants/project partners is not limited: additional co-applicants from scientific institutions and societal actors are welcome.

Collaboration with **research groups outside Switzerland** is allowed (max 30% of budget) provided:

- the cooperation generates significant added value
- the proposed research is enhanced with respect to content or methodology
- the competencies of researchers from abroad are essential for the successful completion of the project.

Societal actors from abroad are not allowed as co-applicants and can only participate as project partners.

Preparatory phase proposals

Preparatory Phase Purpose: build the final composition of your consortium, jointly frame the problem and collaboratively design the project, describe further involvement of stakeholders, establish timeline of planned activities.

Budget (maximum CHF 20'000) covering:

- activities directed at building the consortium (meetings, workshops, moderation).
- generating baselines for indicators intended to assess the impact of the project.
- analysis of research field and what is lacking.
- data strategy: ensure that project has timely access to the data needed for the project, and that the quality of data that is needed for the project is sufficient.

Theory of change and indicators (at full proposal level)

- A theory of change is like a roadmap that explains how a particular project will achieve impact.
- 4-8 indicators should be included: SMART (Specific, Measurable, Achievable, Relevant, Timebound)
- Transdisciplinary support will be provided during the preparatory phase.



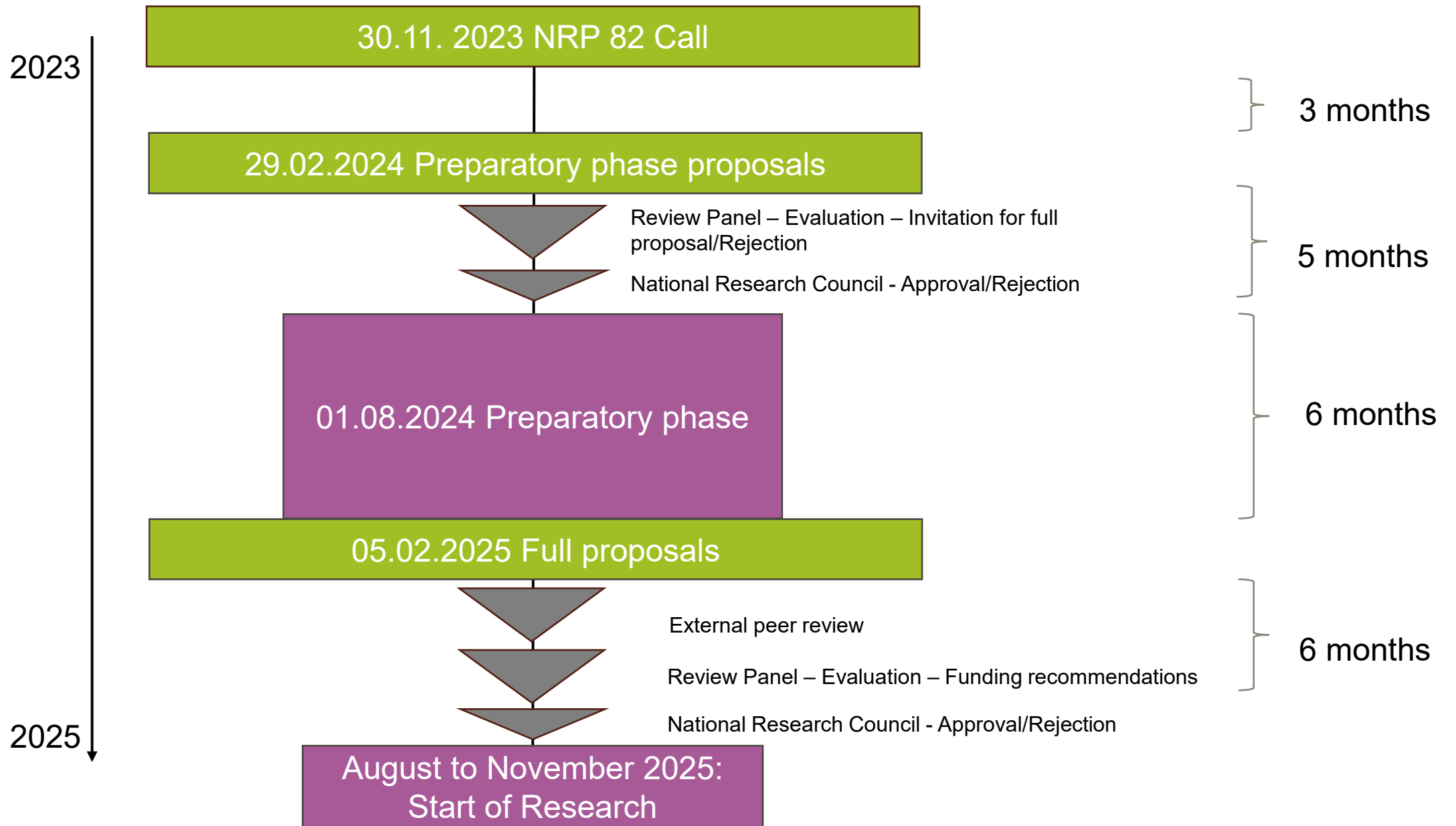
Additional points

- Number of applications that can be submitted by same person is not limited
- CV: The CV needs to be generated on the SNSF Portal according to the provided specifications. Focus on research outcomes / personal research- and implementation-based achievements

[Detailed information about the SNSF CV format](#)

NFP 82 Timeline and Evaluation procedure





NRP 82 Review Panel Composition

- The Steering Committee of NRP 82
- At preparatory phase proposal evaluation stage, the Steering Committee is supported by ad-hoc panel members, who provide additional and missing expertise.
- All review panel members are elected by the National Research Council and its Presiding Board. Conflict of interest is avoided at any stage. The Review Panel is trained by the SNSF for fair evaluation.

Composition of the Review Panel:

- Multidisciplinary and international composition of the Review Panel
- Academic and non-academic representation
- Independence of members
- Interest in transdisciplinarity
- A minimum of 40% female members (SNSF Quota)
- Members cannot apply to the call

NRP 82 Steering committee

President:

- Markus Fischer, Institute of Plant Sciences, University of Bern

Research council delegate:

- Chinwe Ifejika Speranza, Institute of Geography, University of Bern

Representatives of the Federal offices:

- Sylvain Aubry, Federal Office for Agriculture
- Matthias Stremlow, Federal Office for Environment



Members:

- Christine Bichsel, Department of Geosciences, University of Fribourg
- Mathias Binswanger, University of Applied Sciences and Arts, Northwestern Switzerland
- Thomas Brooks, International Union for the Conservation of Nature
- Arthur Gessler, Swiss Federal Institute for Forest, Snow and Landscape Research WSL and ETH Zürich
- Birgit Kopainsky, Department of Geography, University of Bergen
- Christian Pohl, Dept of Environmental Systems Science, ETH Zürich
- Daniela Pauli, Department Habitats and Protected areas, Birdlife Switzerland
- Camilla Sandström, Department of Political Science, Umeå University, Sweden
- Sandrine Petit-Michaut, UMR Agroécologie, INRAe Dijon, France

Evaluation criteria

- Design of preparatory phase (preparatory phase proposal only)
- Compliance with the goals of NRP 82
- Scientific quality
- Contribution to problem handling in society
- Qualification and adequate distribution of tasks of the project consortium
- Suitability and feasibility of overall transdisciplinary approach, methods, and budget
- Proposal includes an explicit theory of change to make the project's impact hypotheses explicit (full proposals only)

