

Novo Nordisk Foundation's support to interdisciplinary science

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Impact



The world's largest
measured in **assets**:
USD ~**100** billion



The world's third largest
measured in **grants**
USD **915** million

Two objectives:

Corporate objective

- To provide a stable basis for the commercial and research activities of our companies.

Grant-giving objectives

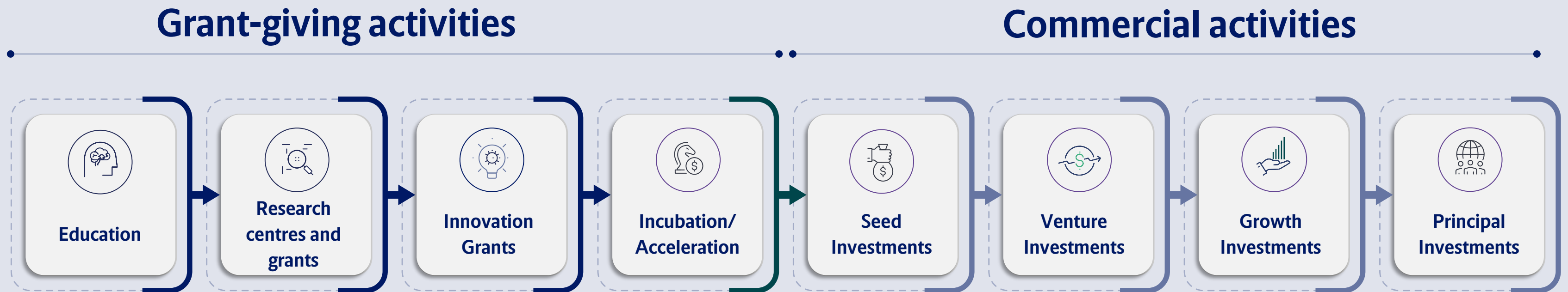
- To support scientific, research hospital, humanitarian and social purposes.

Facts about the Novo Nordisk Foundation (2020)



We fully support the life science cycle

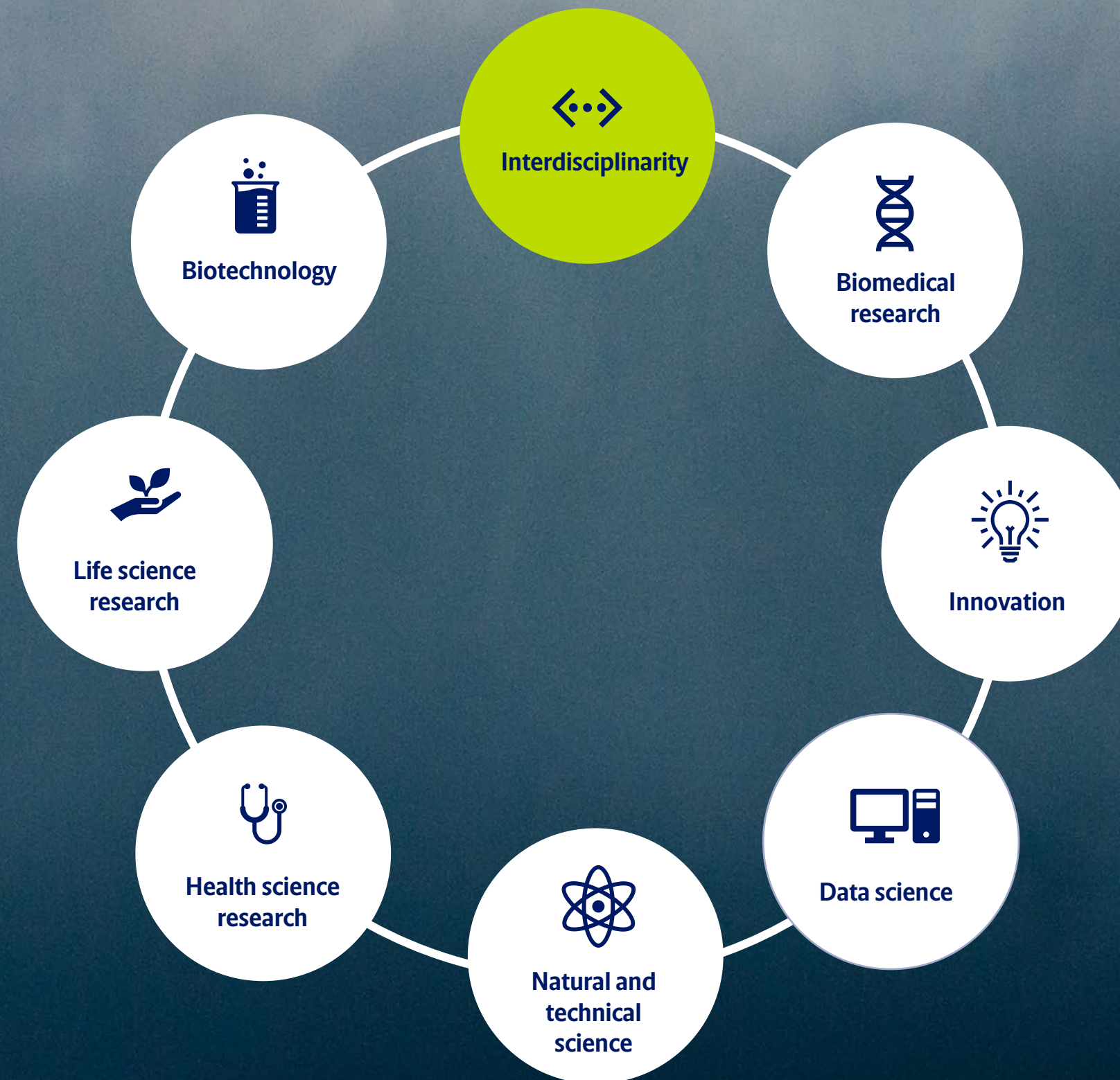
- from basic education and research through innovation, start-ups and globally leading companies



novozymes[®]
Rethink Tomorrow


ново nordisk[®]

Interdisciplinarity is one of our focus areas

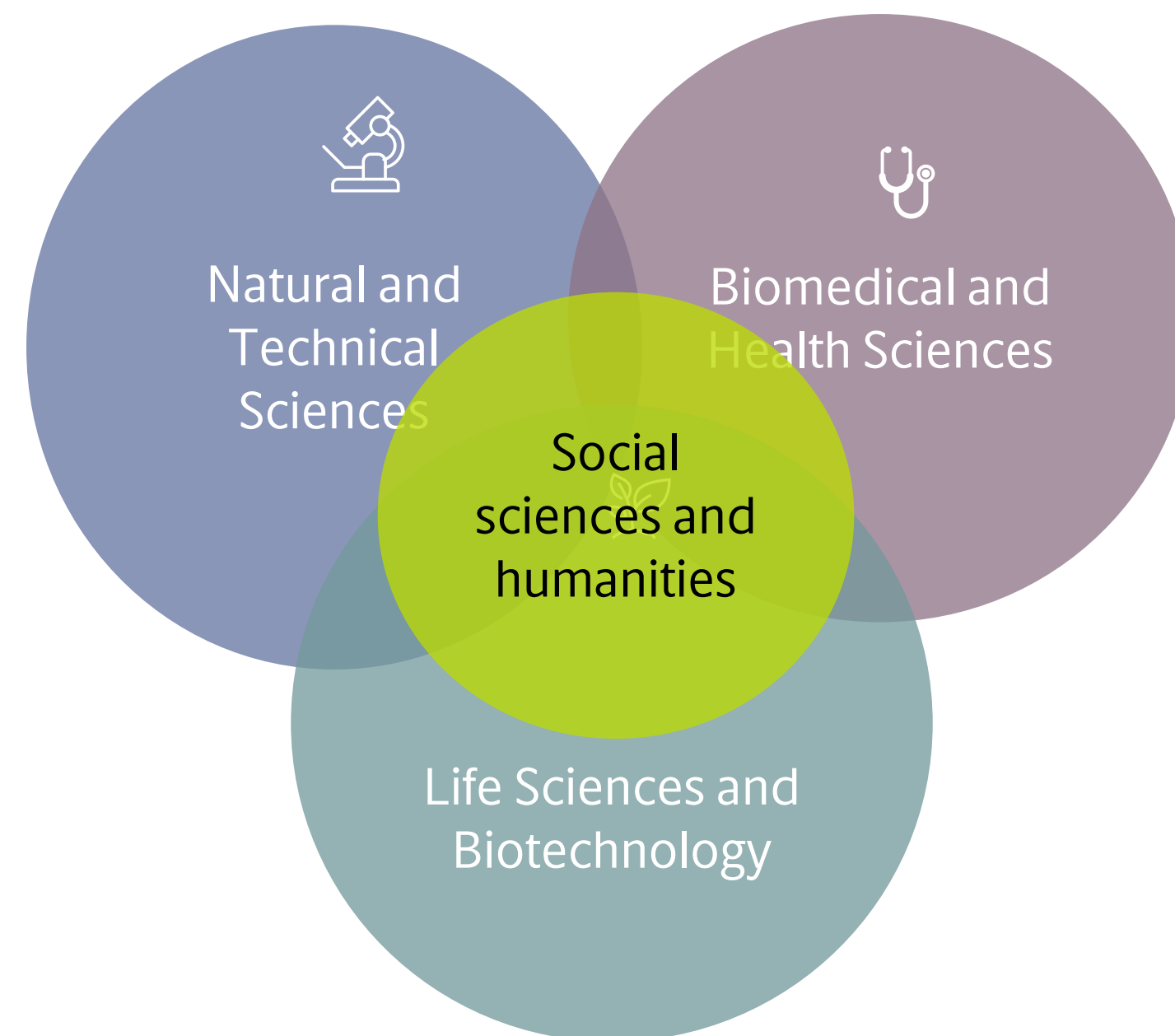


Interdisciplinary Synergy Programmes

To support research projects across disciplines, organizations and national borders, in order to resolve complex interdisciplinary challenges.

Key information

- Pursue creative and novel, **high-risk/high-gain interdisciplinary** research ideas
- Break down or overcome the barriers that exist between different disciplines
- Consortia with 2 - 4 research groups
- Main applicant anchored in Denmark. 1-3 interdisciplinary co-applicants (may be international)



Interdisciplinary Synergy Programme:

- Ideally founded on early data showing feasibility of the idea
- Grant budget: **DKK 15 million over 4 years**
- Application deadline: **June 2022**

Exploratory Interdisciplinary Synergy Programme:

- Aimed towards early-stage or unexplored ideas
- Grant budget: **DKK 5 million over 3 years**
- Application deadline: **August 2021**

RESEARCH AREA

Interdisciplinary



Funding areas and grant types

	Data Science Initiative	Industrial Biotechnology and Environmental Biotechnology	Plant Science, Agriculture and Food Biotechnology	Natural and Technical Sciences	Bioscience & Basic Biomedicine	Endocrinology & Metabolism	Clinical & Translational Medicine
Large Collaborative Grants	Collaborative	Challenge Programmes					Tandem
	Interdisciplinary Synergy Programmes						
Project Grants	Project Grants						
Research Career Programmes	Investigator Grants			NERD	Investigator Grants		
	Postdoc Fellowships						
Recruitment Programmes	Start Package Grants						
	RECRUIT	Young Investigator Awards and Laureate Research Grants			RECRUIT	Young Investigator Awards and Laureate Research Grants	
Infrastructure Grants	Infrastructure Grants				Infrastructure Grants		
Clinical Trials							Clinical Trials (IICT)
Innovation Grants	Innovation Grants					Innovation Grants	



Challenge Programme

To overcome specific challenges in health, technology and environment

Key information

- Substantial funding to challenging and ambitious projects focused on in-depth research
- Annually selected research themes
- A collaborative effort in a centre-like setup.
- Consortia with 2 - 4 research groups
- Main applicant anchored in Denmark. 1 - 3 co-applicants (may be international)

2022 themes
announced at
the end of this
presentation

Grant budget: **DKK 30 - 60 million over 6 years**

Application deadline: **27 October 2021**

RESEARCH AREA

Thematic

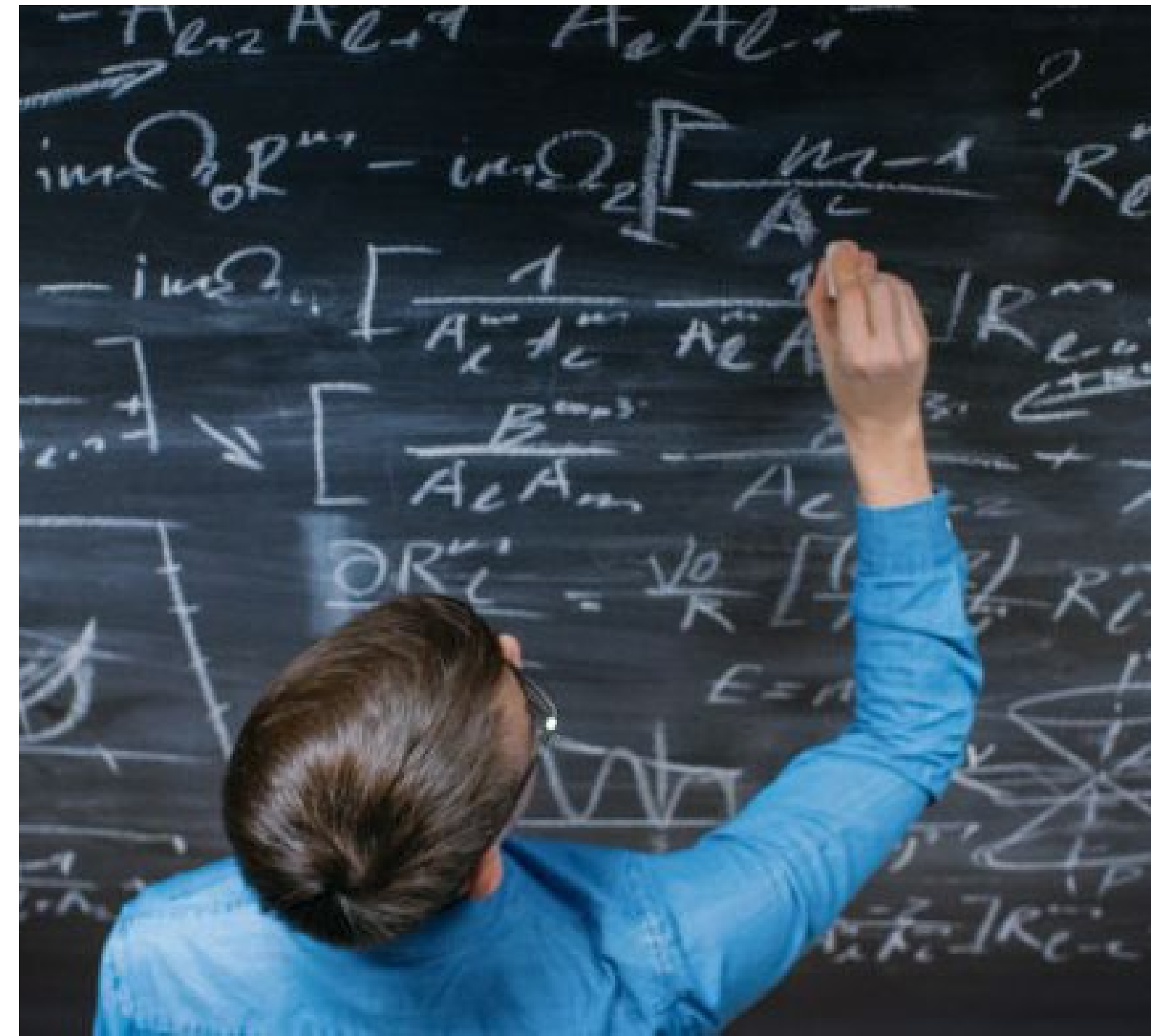


New Exploratory Research and Discovery (NERD) Programme

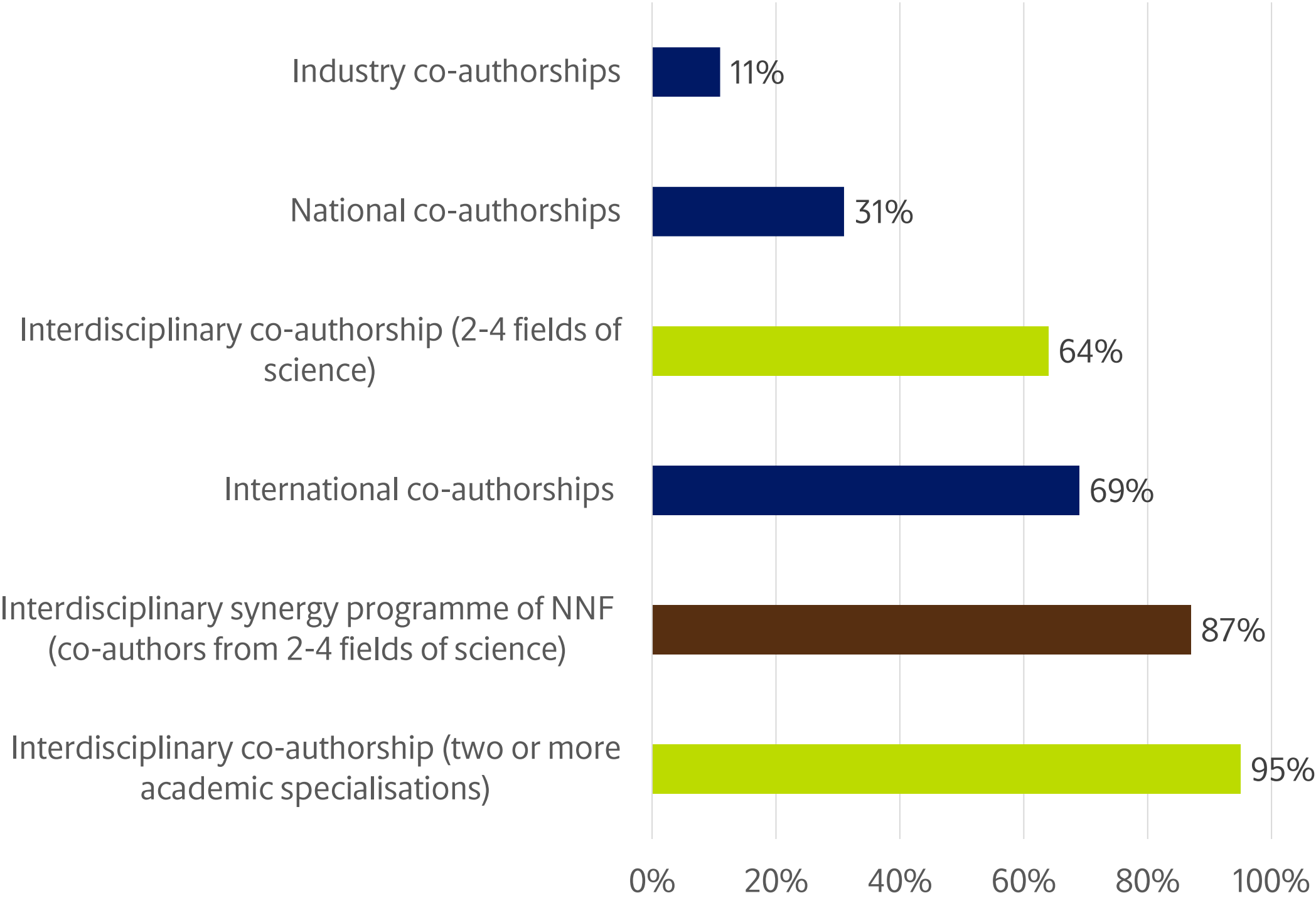
Supports highly creative, daring and ambitious researchers at any career stage after PhD

€2 million, 7-year, single-PI

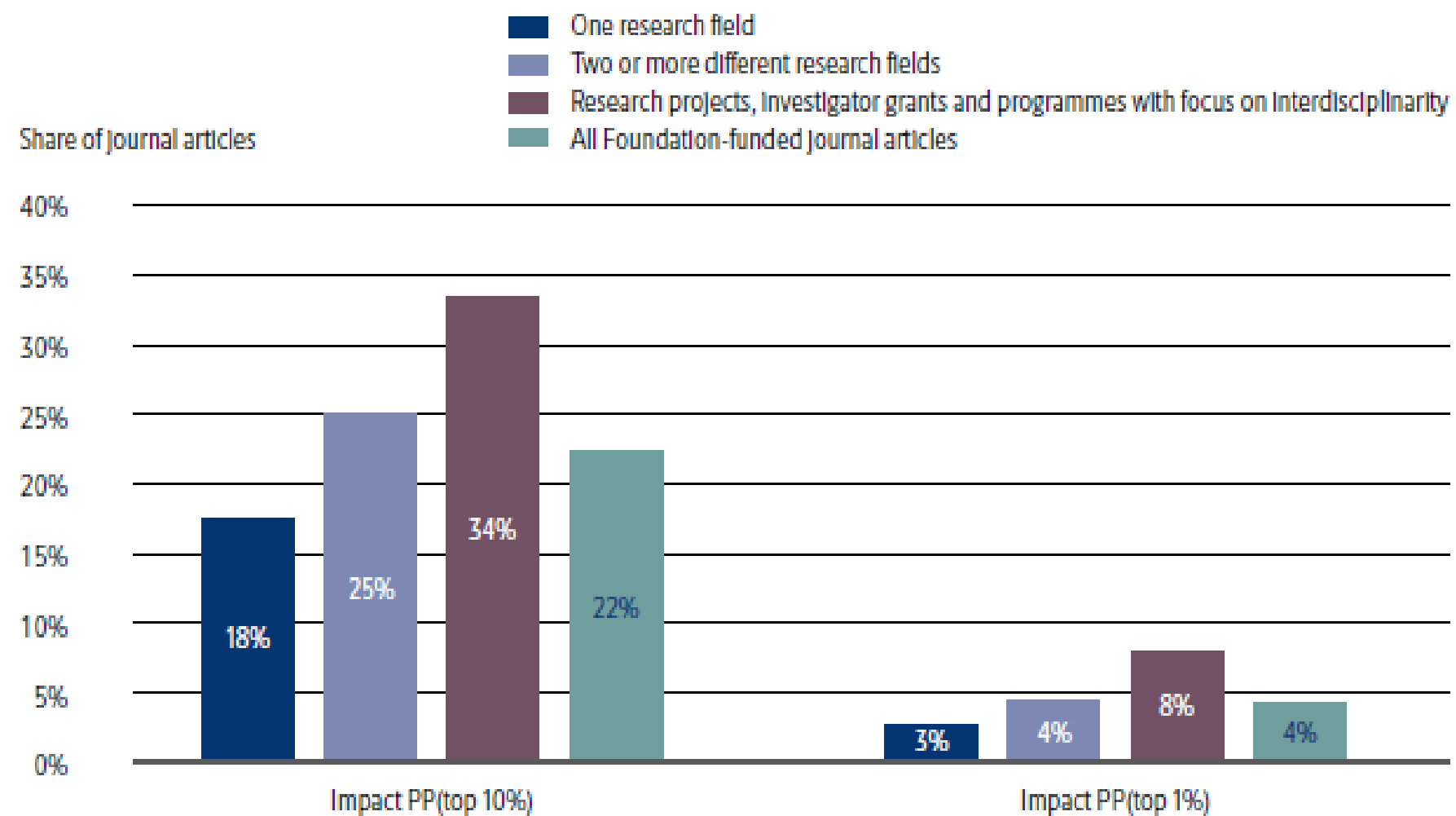
- Reverse single-blinded evaluation:
 1. Anonymous evaluation of project idea
 2. Feasibility check
- Funding cap of €0.5 million per year as PI at start of project
- Applicant must dedicate time to the project



Interdisciplinary co-authorships in NNF funded journal articles 2016-2019



Share of journal articles in top 1% and 10% of the world's most frequently cited articles by number of field of sciences for authors and for all NNF-funded journal articles



Sources: Novo Nordisk Foundation/researchfish*/Impact-of-Science, Incites/Clarivate Analytics and DAMVAD Analytics.



Implementation of partial randomisation to support more interdisciplinary (high risk/high gain) research

