

ask & apply

2018



#askapply



SUOMEN AKATEMIA
FINLANDS AKADEMI
ACADEMY OF FINLAND



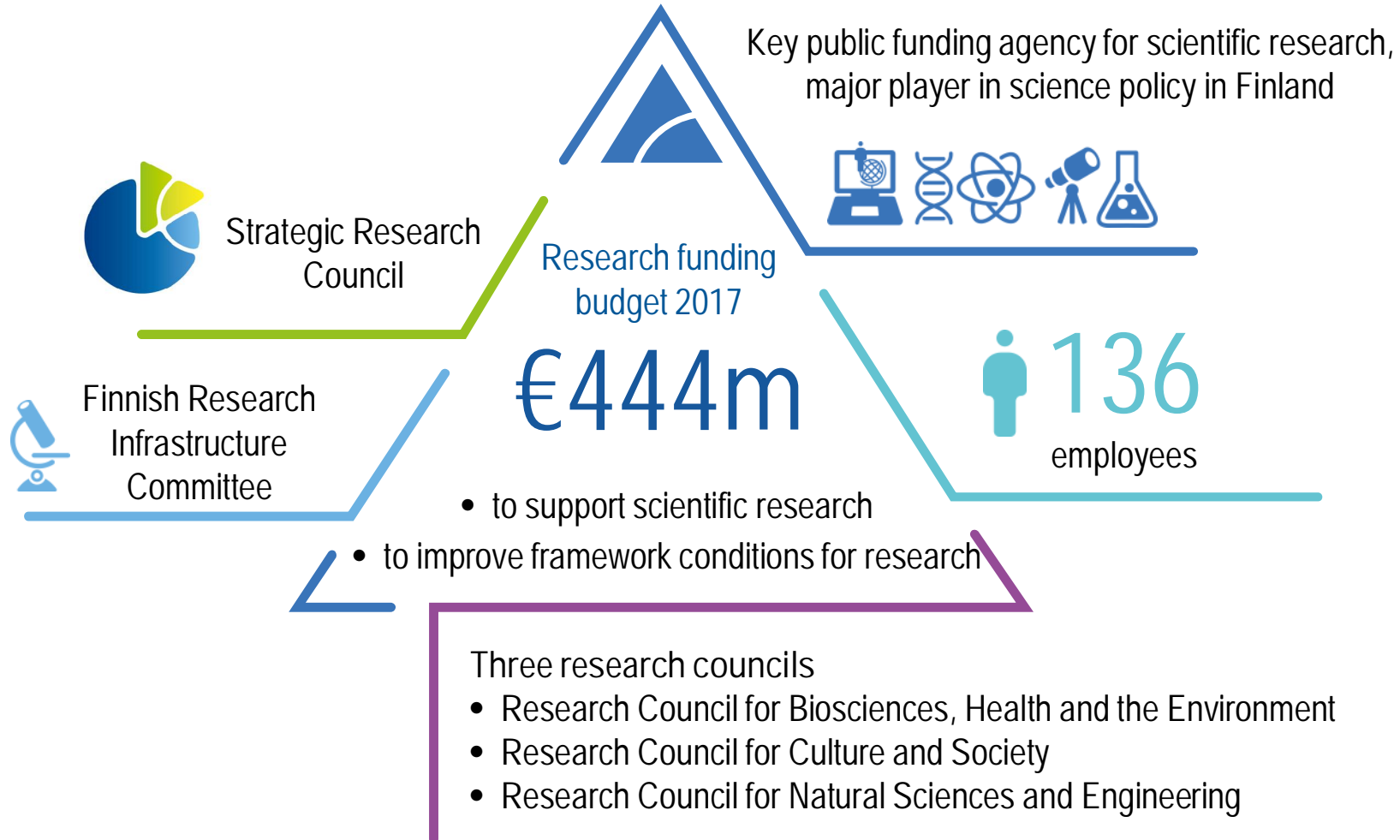
ask & apply



Today's programme

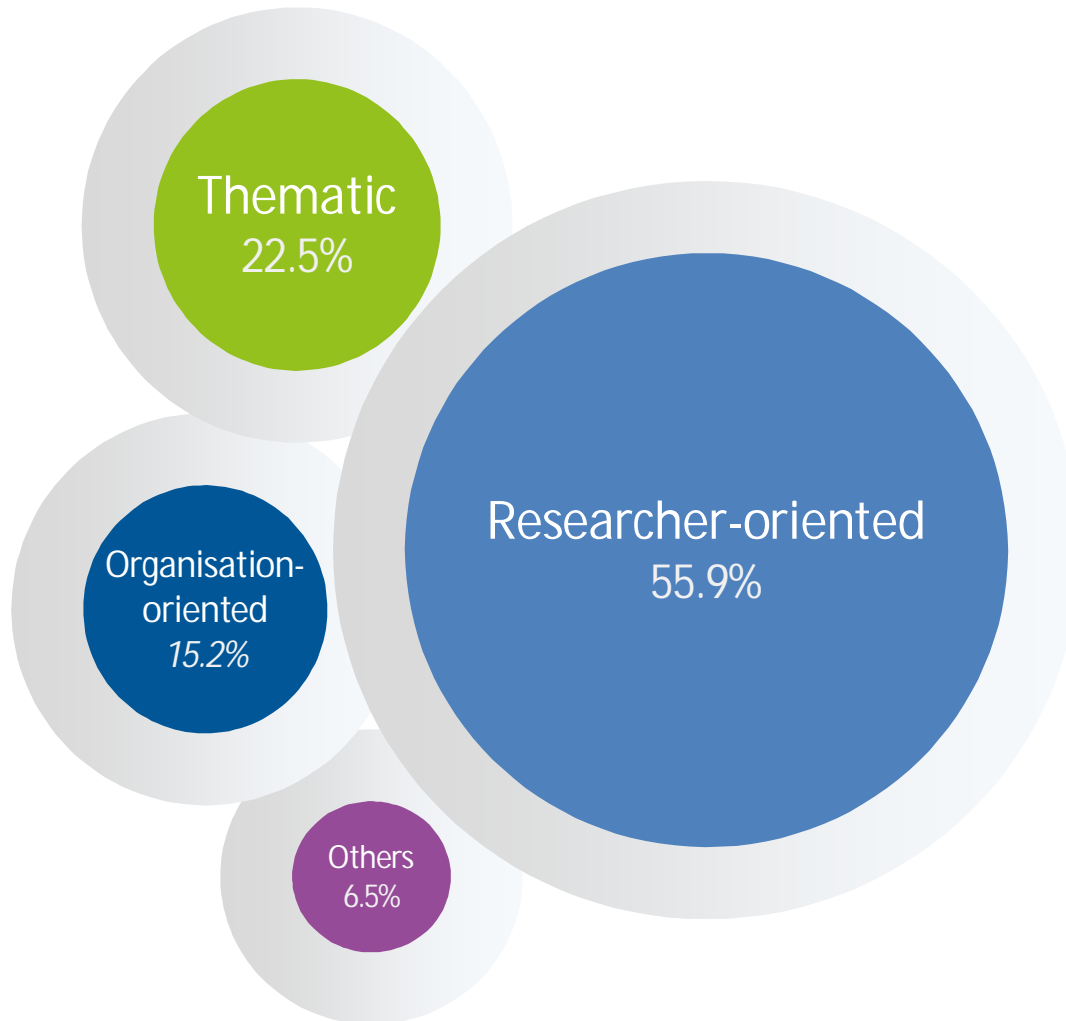
1. Academy of Finland
2. What's new?
3. Funding opportunities in September 2018 call
4. Responsible science
5. Ask our science advisers

ACADEMY OF FINLAND IN A NUTSHELL



Part of our funds come from proceeds of Finland's national gaming company Veikkaus. In 2018, these proceeds account for 70.7 million euros of our total funding for scientific research.

ACADEMY FUNDING IN 2017, BY INSTRUMENT



Researcher-oriented funding

€246.8m

- Academy Professors
- Academy Research Fellows
- Postdoctoral Researchers
- Research costs of the above researchers
- Academy Project funding
- Centres of Excellence

Thematic funding

€99.1m

- Academy Programmes and international cooperation
- ICT 2023 programme
- Strategic R&D funding

Organisation-oriented funding

€66.9m

- Funding for research infrastructures
- Funding to strengthen university research profiles

Other targeted funding

€28.6m

- International membership fees
- Researcher mobility
- Application review, Academy Programme coordination, development and maintenance of research funding information systems

DECISION-MAKING AT THE ACADEMY

FINNISH GOVERNMENT

Ministry of Education, Science and Culture

BOARD OF THE ACADEMY OF FINLAND

Finnish Research
Infrastructure
Committee
Chair,
15 members

RESEARCH COUNCILS
Chair, 10 members

Research Council for
Biosciences, Health and
the Environment

Research Council
for Culture and
Society

Research Council
for Natural Sciences
and Engineering

Strategic
Research
Council
Chair,
8 members

GENERAL SUBCOMMITTEE

OUR ROLE AS AN EXPERT IN SCIENCE POLICY

WE PROMOTE

- cutting-edge and ethically sustainable research
- research impact and science renewal
- utilisation of research results and expertise

WE STRENGTHEN

- internationally attractive research environments
- Finnish and international research infrastructure activities

WE SUPPORT

- opportunities for international research collaboration
- multidisciplinary and novel approaches to research



We fund high-quality scientific research based on international peer review

Funding criteria

- quality, impact and renewal
- multidisciplinary, phenomenon-based and international research

Advantages of peer review and open competition

- International peer review shows the quality of research compared to the international level in the field concerned.
- Allows us to support the best researchers and identify novel initiatives

We also promote

- the further development of research environments
- increased independence of early-career researchers
- utilisation of research knowledge across societal sectors as well as evidence-based policy

**SEPTEMBER
2018 CALL:**

10 SEP-1 OCT



WHAT'S NEW?

REFORMS BASED ON COLLABORATION

The Academy of Finland develops and improves its own operations **proactively**, to better meet the challenges of the 2020s.

- renewal of science
- new ways of doing research

Reforms will be implemented based on the needs and wishes of applicants, research services and reviewers.

OUR RESEARCH COUNCILS STARTING ON 1 JAN 2019

- Research Council for Biosciences, Health and the Environment
- Research Council for Culture and Society
- Research Council for Natural Sciences and Engineering

- The research fields will not change

- Why three research councils?
 - broader areas of activity
 - easier to identify new scientific initiatives
 - better processing of multidisciplinary applications

OUR RESEARCH COUNCILS STARTING ON 1 JAN 2019

- Biosciences, health and environmental researchers will address their applications to the new **Research Council for Biosciences, Health and the Environment**.
- We've made some minor tweaks to the research councils' research fields. Check the fields on our website: www.aka.fi/researchcouncils.

THE RESEARCH PLAN IS FILLED IN ON THE ONLINE FORM

- We're improving our call processes based on feedback from applicants and reviewers.
- The revised research plan structure helps applicants to highlight aspects that are important for the review.

TWO-STAGE DECISION-MAKING

- Applications that receive rating 1–4 will be processed faster than before

WHAT ELSE IS NEW?

- Simplified CV guidelines that better match the ERC model
- Import publications from the [VIRTA publication information service](#)
 - Search faster with ORCID (will be in use by 20th September)

WHAT ELSE IS NEW?

- Applicants can authorise other people to fill in or view parts of the application (will be in use by 20th of September)

WHAT ELSE IS NEW?

- We've removed overlaps between the online form and the research plan:
 - **Mobility** à only in the online form
 - **Budget** à only in the online form
 - **Collaborators** à only in the research plan
- You can update the **public project description** after the decision has been made (but before you accept the funding).

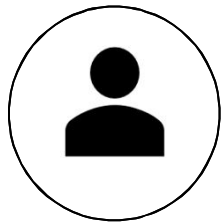
IN A NUTSHELL

1. Three research councils as of 1 January 2019. The research fields will not change. Biosciences, health and environmental researchers address their applications to the new research council.
2. The research plan is filled in on a separate tab in the online services.
3. The revised research plan structure helps applicants to highlight aspects that are important for the review.
4. Decisions in two stages: As a rule, applications that receive rating 1–4 will not proceed past the first stage. For these applicants, the decisions will come much faster than before.



FUNDING OPPORTUNITIES

September 2018 call

FUNDING OPPORTUNITIES



For researchers

 Individuals	 Groups
Academy Professor Academy Researcher Postdoctoral Researcher Clinical Researcher Researcher mobility	Academy Project Centre of Excellence

 Thematic funding
Academy Programmes Targeted Academy Projects Strategic research funding



For research environments

Research infrastructures University research profiling Flagship programme

SCIENCE POLICY PRINCIPLES

More information on science policy principles is available on the research councils' web pages:

- [Research Council for Biosciences, Health and the Environment](#)
- [Research Council for Culture and Society](#)
- [Research Council for Natural Sciences and Engineering](#)

ACADEMY PROJECT FUNDING



- promotes the quality and diversity of research and its capacity for regeneration by providing funding for scientifically ambitious research
- science-driven, bottom-up
- granted to leading-edge researchers and research teams for:
 - salaries
 - materials and equipment
 - travel
 - international collaboration
- granted for four years

FUNDING FOR RESEARCH POSTS

ACADEMY RESEARCH FELLOWS

- have successfully been engaged in scientific research and publishing after earning the doctorate
- are qualified for advanced research tasks or other expert tasks
- carry out independent scientific work
- provide teaching and supervision in their field
- funding for five years



Mobility requirement

MOBILITY REQUIRED TO BE ELIGIBLE

- Mobility is of particular importance to early-career researchers in improving the quality of their research and supporting their career development.
- Apply for funding
 - for a post in a research environment **other** than the one in which you worked while completing their doctoral thesis
- OR
- in the same research environment, provided that you have **at least six months** of work experience from some other organisation after PhD completion.
- **Real mobility** benefits your career development

ACADEMY RESEARCH FELLOWS – FEEDBACK FROM RESEARCH COUNCILS

- Career planning is important
- International mobility after PhD completion is highly recommended
- Independence is crucial



FUNDING FOR RESEARCH POSTS

POSTDOCTORAL RESEARCHERS

- have recently earned their doctorate, are gaining qualifications as professional researchers
- carry out their own research plan, supervise thesis writers
- eligibility: primarily no more than four years since doctorate
- receive funding for salary and research costs
- are granted funding for three years
- postdoctoral period abroad possible (2 + 1 years)



Mobility requirement

POSTDOCTORAL RESEARCHERS – FEEDBACK FROM RESEARCH COUNCILS

- Career planning is important
- International mobility after PhD completion
 - importance of the mobility plan
- Clear aim to gain independent position

FUNDING FOR RESEARCH POSTS


CLINICAL RESEARCHERS

- the aim is to promote clinical research careers and to encourage **medical doctors and other researchers working in clinical practice** to engage in research
- funding for part-time salary (20–50%) and research costs
- at least 50% in clinical practice doing patient work
- receive funding for four years
- no limitations for academic age, funding terms or mobility

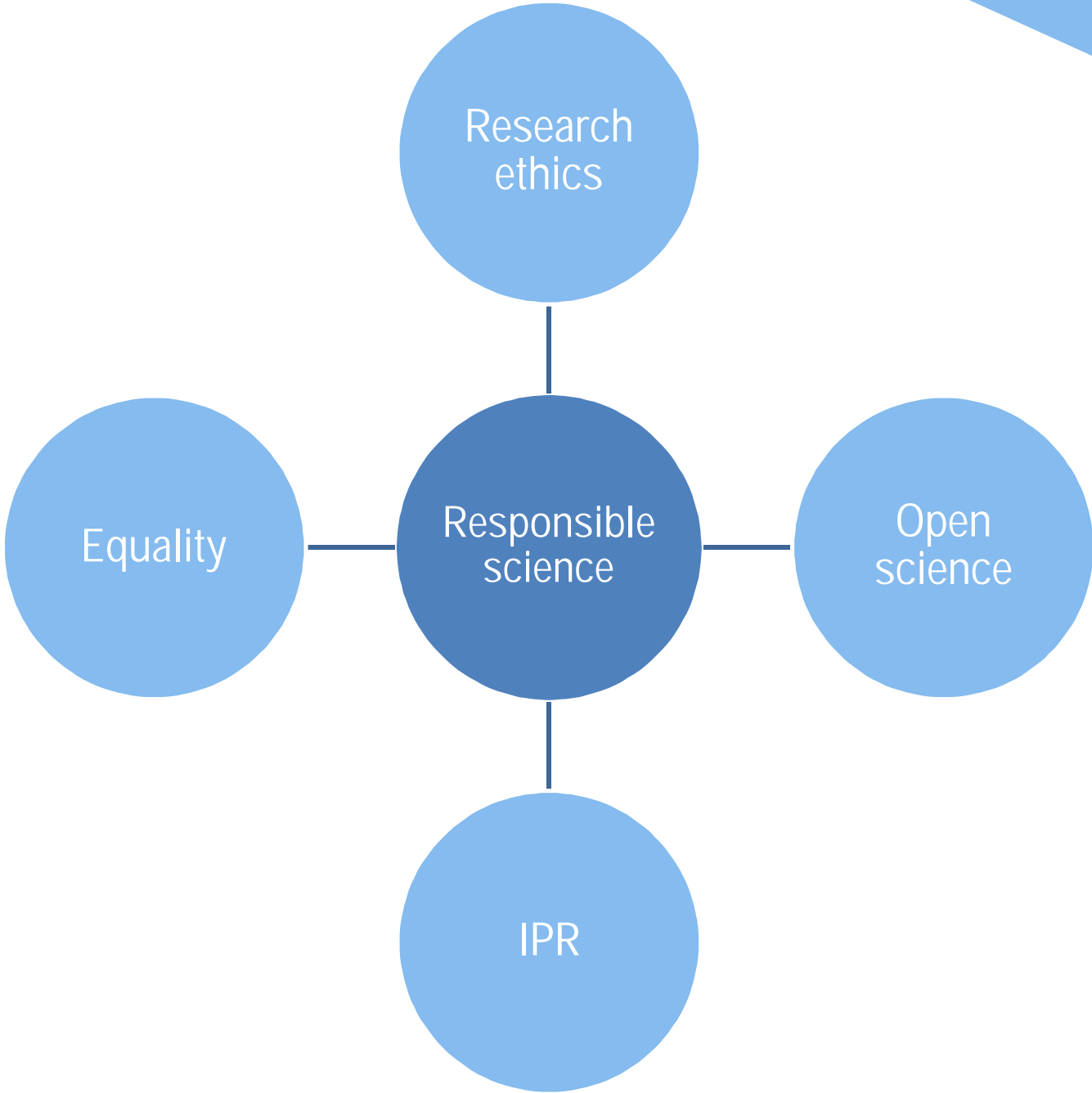


CLINICAL RESEARCHERS – FEEDBACK FROM RESEARCH COUNCIL

- The nature of clinical work must be well described, even though it is not covered by the Academy of Finland
- Mobility a bonus but not required
- Remember to describe your methods in sufficient detail (power calculations, statistical analysis, etc., if relevant)

A dark blue silhouette of a tree with a thick trunk and a dense canopy of leaves. The roots are exposed and spread out horizontally and downwards, symbolizing a foundation or deep roots. The background is a solid light blue.

RESPONSIBLE SCIENCE



RESEARCH ETHICS

The term **research ethics** is a general concept that covers all ethical viewpoints and evaluations that are related to science and research.

In order for research to be ethically acceptable and reliable and its results credible, the research must be conducted according to the **responsible conduct of research**.

The Academy of Finland is committed to the [guidelines of the Finnish National Board on Research Integrity](#) (TENK).

OPEN SCIENCE

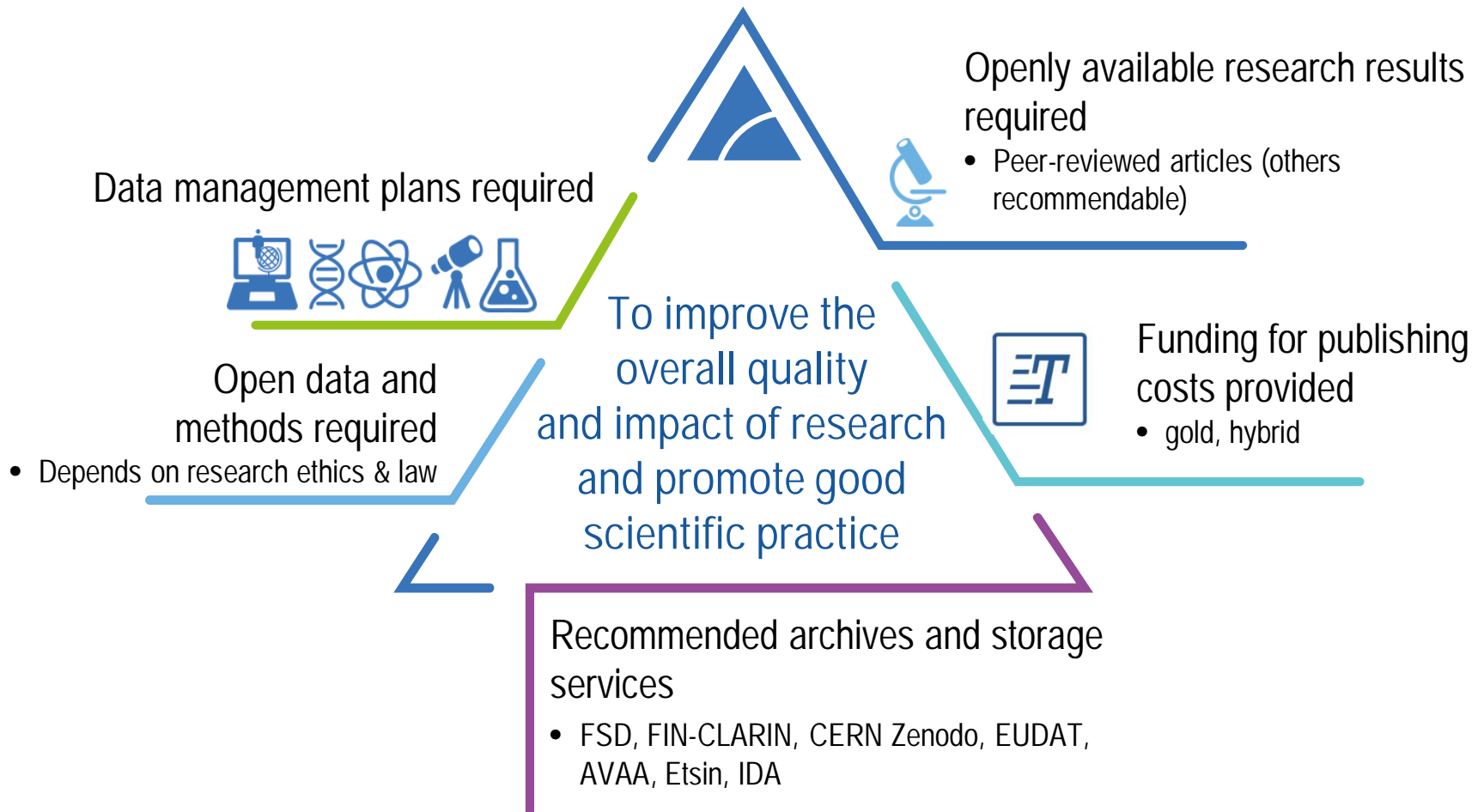
The Academy is committed to promoting and implementing Finland's national [Open Science and Research Roadmap 2014–2017](#).

Goal: to make research publications, data and material, metadata and methods widely available for reuse. (NB good scientific practice and law)

OPEN SCIENCE

- **open access publishing** – the research plan must include a publication plan
 - **green** open access
 - **gold** open access
 - **hybrid** open access
- data are stored and made available when possible
- open data: **data management plan (DMP)**

Open science in applying for funding



GENDER EQUALITY

The Academy promotes **gender equality** both in the contents of research (mainstreaming gender perspective) and in women's careers (equal participation and opportunities)

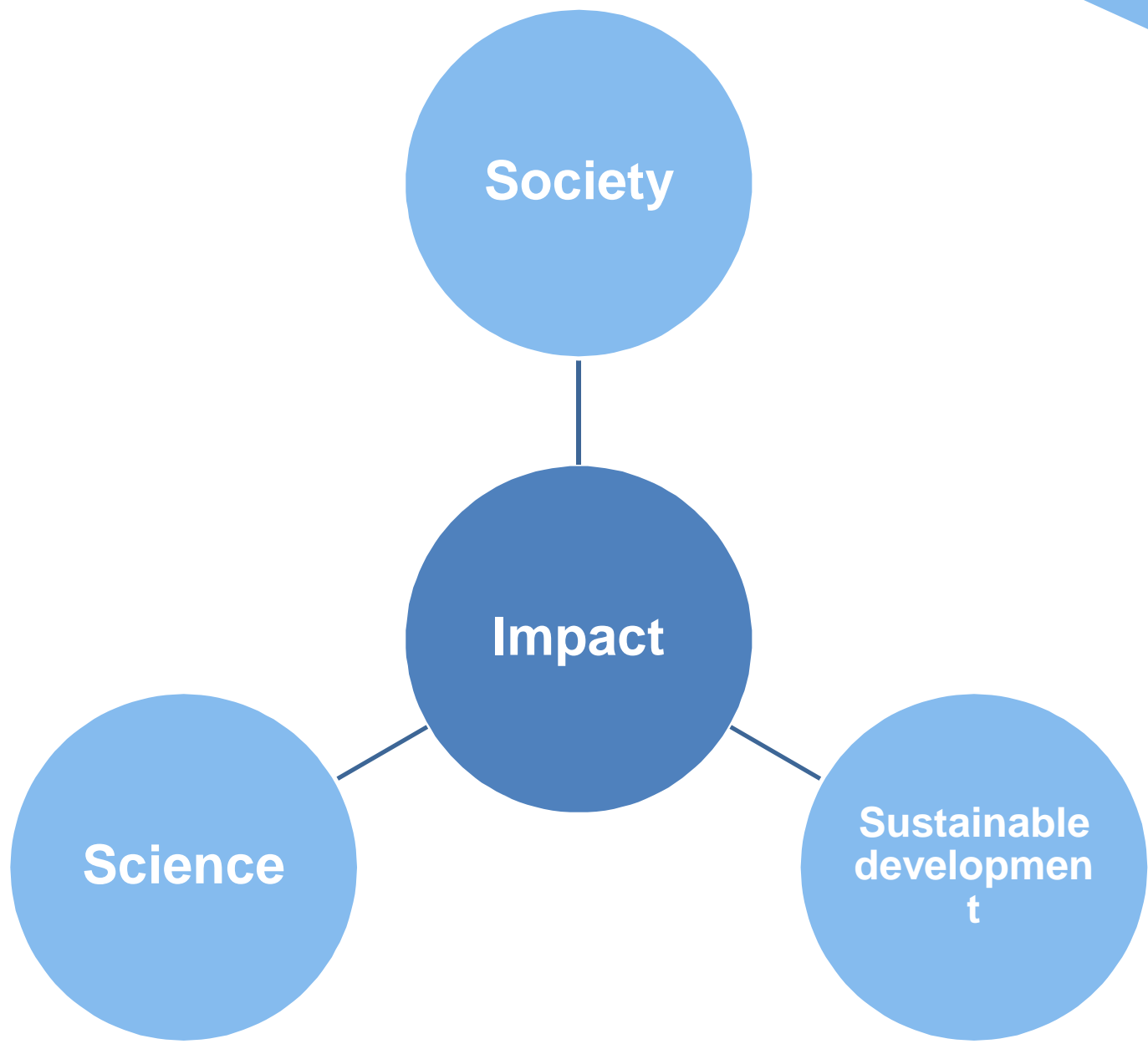
- both are essential parts of responsible science

Goals:

- scientific excellence
- inclusive research and science policy
 - gender equality and anti-discrimination in general



RESEARCH IMPACT



SCIENTIFIC IMPACT

- scientific impact, potential for scientific breakthroughs and for promoting scientific renewal

SOCIETAL IMPACT

- reach, potential utilisation value and application areas of research results beyond the scientific community

SUSTAINABLE DEVELOPMENT

- We require that Academy-funded projects consider the principles of sustainable development
- Part of the societal impact description: how the project will promote [sustainable development objectives](#)
- Not a funding criterion



THANK YOU!

firstname.lastname@aka.fi

www.aka.fi/en



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