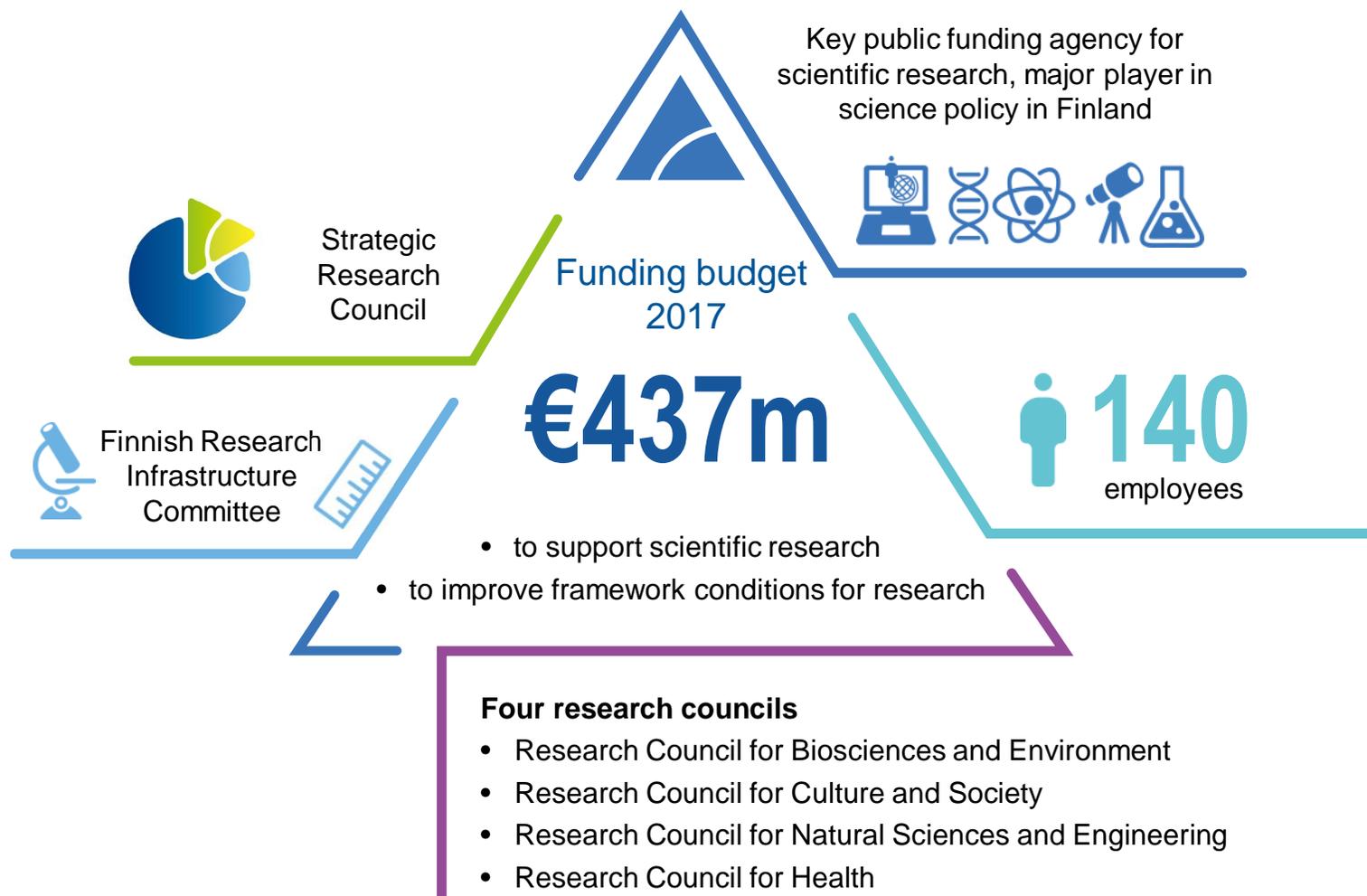


Academy of Finland FOR EXCELLENCE IN SCIENCE



Academy of Finland in a nutshell



Part of the Academy of Finland's funds (€70.7m in 2017) come from proceeds of Finland's national gaming company Veikkaus.

What we do

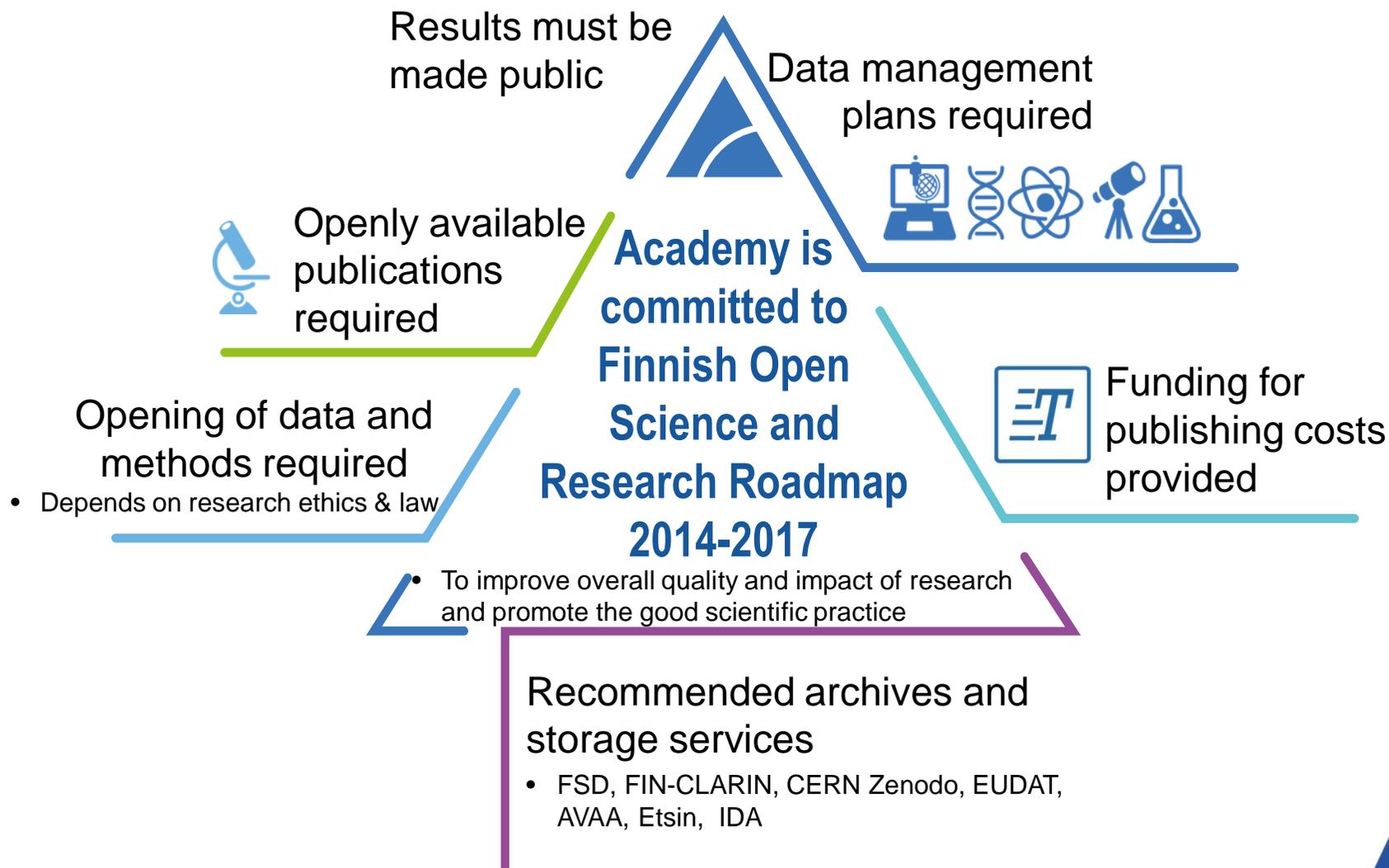


Academy of Finland: Principles on Open Science

- One of the Academy of Finland's science policy objectives is to promote open science.
- Openness is a key principle in all science and research.
 - The Academy is keen to stress that openness, in practice, improves the overall quality and impact of research.
 - Open science forms part of the principles of good scientific practice.
- The Academy is committed to promoting the practices outlined in Finland's national Open Science and Research Roadmap 2014–2017.



Research Funding & Open Science



<http://www.aka.fi/en/funding/responsible-research/open-science/>



Open Science in Applications and Grant Review Panels

- The proposed actions advancing open science are described in the application:
 - A. Research plan (publication plan & research data plan for research work)
 - B. A separate data management plan (management, storage, access, opening, rights of the research data or brief account if not data at all)
- The review panels give their view on the planned open science activities:

In September 2016 call question: Ethical aspects and open science

Guiding questions: Are there any ethical issues involved and, if so, how are they taken into account? What is the intended level of open access to research results? Is the data management plan outlined in a sufficient way? (no rating)
- Research organisations and research infrastructures are expected to support delivering of open access publishing, open research data and methods

Recent Experiences

- In September 2016 call: 3000 applications with publishing plans and data management plans.
 - The separate DMP was received well by applicants but only after specific motivation and face-to-face guidance was given.
 - Critical comments: why DMP is needed, differences between research fields, DMP form
- Overall, reviewers were positive about the benefits of open science.
 - Support for evaluation & rating
 - Critical questions: differences between research fields, how important this is for scientific evaluation, promises vs. results
- Decision-making: process is currently taking place.



Current Issues

- Clear Mandate for Open Access
 - Green, gold and hybrid models (last one under monitoring)
- Open Science as part of good scientific practices
- National model for data management plan
 - Support for using the DMP during the research process
 - DMP framework for varying research fields or themes?
 - Development of funding
- Project reports: achievements on open science



Strategic Research: Societal Relevance and Impact

- The Strategic research council funds high-quality research that has great societal impact.
 - The research should seek to find concrete solutions to grand challenges that require multidisciplinary approaches.
 - An important element of such research is active collaboration between those who produce new knowledge and those who use it.
 - Seven programs running, annual funding ca 55 meur.
- Ongoing reports: narratives on the impact, indicators
 - Indicators include scientific and societal indicators, for example news media, social media, various kind of events but specially a demand to evaluate what was the societal impact of the action / achievement.
 - All funded projects are required to have social media presence.
 - <http://www.aka.fi/en/strategic-research-funding/>



More information

- Academy of Finland: <http://www.aka.fi/en/>
- Open Science in Academy: <http://www.aka.fi/en/funding/responsible-research/open-science/>
- Strategic Research Funding: <http://www.aka.fi/en/strategic-research-funding/>
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