



**Research
infrastructure policy
and governance in
Finland**

Senior Science Adviser Merja Särkioja, PhD



SUOMEN AKATEMIA

Decision-making at the Academy

FINNISH GOVERNMENT
Ministry of Education, Science and Culture

BOARD OF THE ACADEMY OF FINLAND

**Finnish Research
Infrastructure
Committee**

RESEARCH COUNCILS

Chair, 10 members

Research Council
for Biosciences and
Environment

Research Council
for Culture and
Society

Research Council
for Natural Sciences
and Engineering

Research
Council for
Health

**Strategic
Research
Council**

Background of the Finnish national research infrastructure politics

- The governance of the national research infrastructure politics has been assigned to the **Finnish Research Infrastructure Committee (FIRI)** of the Academy of Finland
- Tasks based on the law of Academy of Finland:
 - Monitor and develop Finnish and international research infrastructure activity
> makes the decisions of Finnish RI state memberships
 - Up-date roadmap for research infrastructures (2014, 2021...)
 - Govern allocation of annual FIRI grants (currently 18,5 M€) and monitor funded infrastructures
 - Take care of other infrastructure tasks as assigned to it by the Academy Board

Research Infrastructure Committee members 2016-2019 (17)

Chair: Director **Riitta Maijala** (Academy of Finland)

Vice Chair: Counsellor of Education **Erja Heikkinen** (Ministry of Education, Science and Culture)

Members:

Professor **Paula Eerola**, University of Helsinki

Director General **Juhani Eskola**, National Institute for Health and Welfare

Rector **Mikko Hupa**, Åbo Akademi University

Vice Rector **Keijo Hämäläinen**, Universities Finland UNIFI, University of Helsinki

Director General **Lea Kauppi**, Finnish Environment Institute

Ministerial Adviser **Pirjo Kutinlahti**, Ministry of Employment and the Economy

Rector **Liisa Laakso**, University of Tampere

Rector **Markku Lahtinen**, Rectors' Conference of Finnish Universities of Applied Sciences (ARENE), Tampere Polytechnic

Rector **Jukka Mönkkönen**, University of Eastern Finland

Professor **Hannu Savolainen**, University of Jyväskylä

Executive Vice President, Strategic Research **Anne-Christine Ritschkoff**, VTT Technical Research Centre of Finland Ltd

Professor **Mika Rämet**, University of Oulu

Permanent Secretary **Päivi Sillanaukee**, Ministry of Social Affairs and Health

Professor **Lea Sistonen**, Åbo Akademi University.

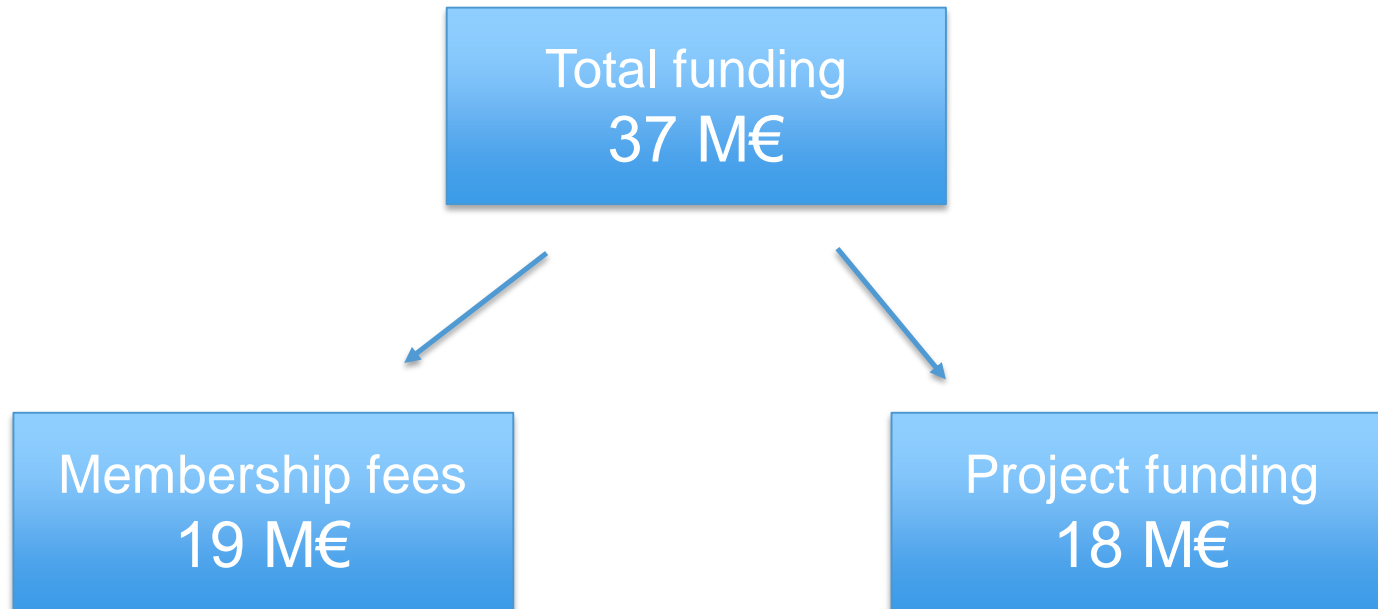
Counsellor of Education **Petteri Kauppinen** from the Ministry of Education, Science and Culture is a permanent expert on the Committee.

Senior Science Adviser **Merja Särkioja** from Academy of Finland is head of the secretariat of the committee and principal presenting official

Which research infrastructures (RIs) should we support?

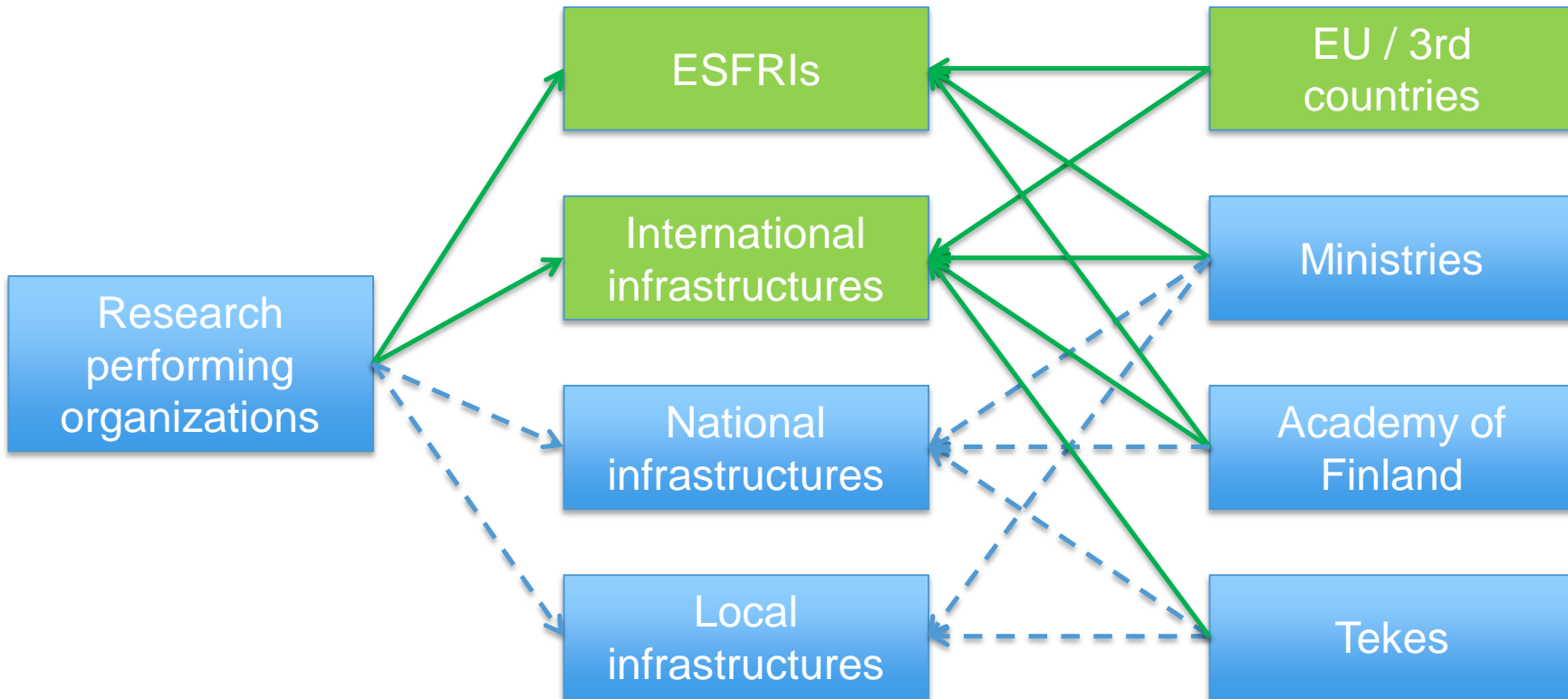
- Does the RI enable frontier research and provide added value?
- Does the RI have data and access policies for openness?
- Do the hosting institutions have a long term plan to support the RI?
- Does the RI have national and international relevance for researchers and beyond academia?
- Are the technical, institutional and personnel requirements feasible and sustainable throughout the whole life cycle of the RI?

Research infrastructure funding of Academy of Finland*

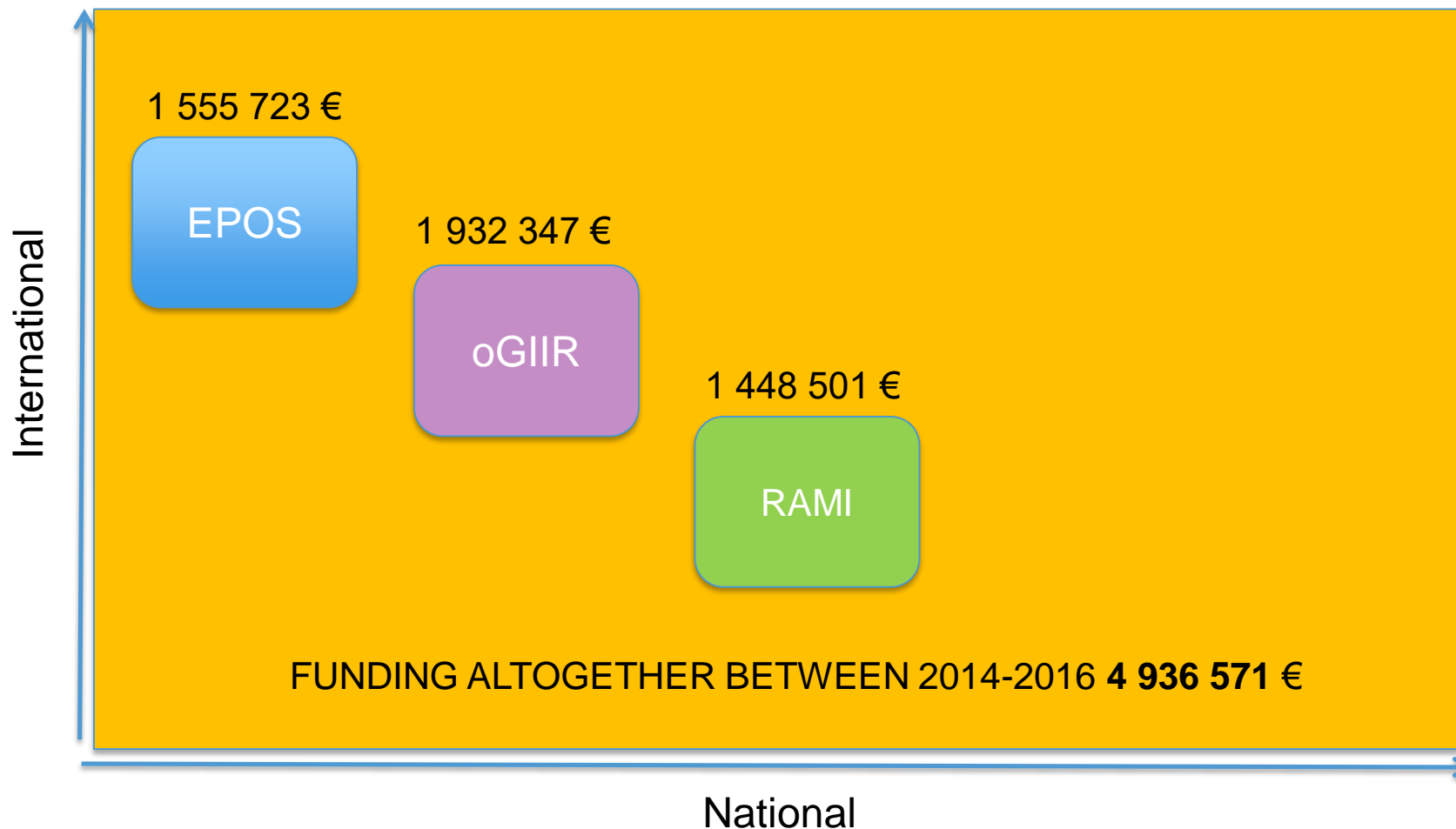





* Figures are based on the year 2016

Joint actions are essential in building world class infrastructures



Infrastructures related to GEOsciences



-  = membership of Finland is being prepared, in the current roadmap and funded through FIRI funding
-  = in the current roadmap as potential project and funded through FIRI funding
-  = not in the current roadmap, funded through FIRI funding

Finland's memberships in international research infrastructures (24)

Environmental sciences (6)

EISCAT (+3D) European Incoherent Scatter Association

GBIF Global Biodiversity Information Facility

ICDP International Continental, Scientific Drilling Program,

IODP Integrated Ocean Drilling Program

ICOS Integrated carbon observation system **Hosting country**

EPOS European plate observation system

Social sciences and humanities (3)

CESSDA Consortium of european social science data archives

CLARIN Common language resource and technology infrastructure

ESS European social survey

Biological and medical sciences (6)

EMBL European Molecular Biology Laboratory

EMBC European Molecular Biology Conference

EATRIS European advanced Translational research infrastructure

BBMRI Biobanking and biomolecular resources RI

ELIXIR European life science infrastructure for biological information

INFRAFRONTIER The european infrastructure for phenotyping and archiving of model mammalian genomes

EURO-BIOIMAGING European Research Infrastructure for Biomedical Imaging **possible hosting country**

Natural sciences and engineering (5)

CERN European Organization for Nuclear Research

ESA European Space Agency, TEM

ESO European Southern Observatory

FAIR Facility for Antiproton and Ion Research

NOT Nordic Optical Telescope

Material sciences and Analytics (2)

ESRF European Synchrotron Radiation Facility

MAXIV Synchrotron radiation facility

E-infrastructures and mathematics (3)

IML Mittag-Leffler Institute

NeIC Nordic e-Infrastructure Collaboration

PRACE Partnership for advanced computing





Thank you!

Merja Särkioja, Senior Science Adviser, PhD
Academy of Finland
Planning and Management support Unit / research
infrastructures

P.O. Box 131 (Hakaniemenranta 6) FI-00531 Helsinki, Finland
Tel.: +358 29 533 5111, +358 40 6735685, Fax: 029 – 533 5299
Email: merja.sarkioja (at) aka.fi

