



National Perspective on RDA Outputs

Eeva Kaunismaa

Department for Higher Education and Science Policy

Ministry of Education and Culture

Ministère de l'Éducation et de la Culture

Finnish Open Science and Research Roadmap 2014-2017

Vision

Vision 2017:
Open research leads to surprising
discoveries and creative insights

Reinforcing the
intrinsic nature
of science and
research

Strengthening
openness-
related
expertise

Ensuring a
stable
foundation for
the research
process

Increasing the
social impact of
research

Objectives

Reinforcing the intrinsic nature of science and research

- Openness and reproducibility increase the reliability and quality of science and research

Strengthening openness-related expertise

- Opportunities afforded by openness boost Finland's competitive edge

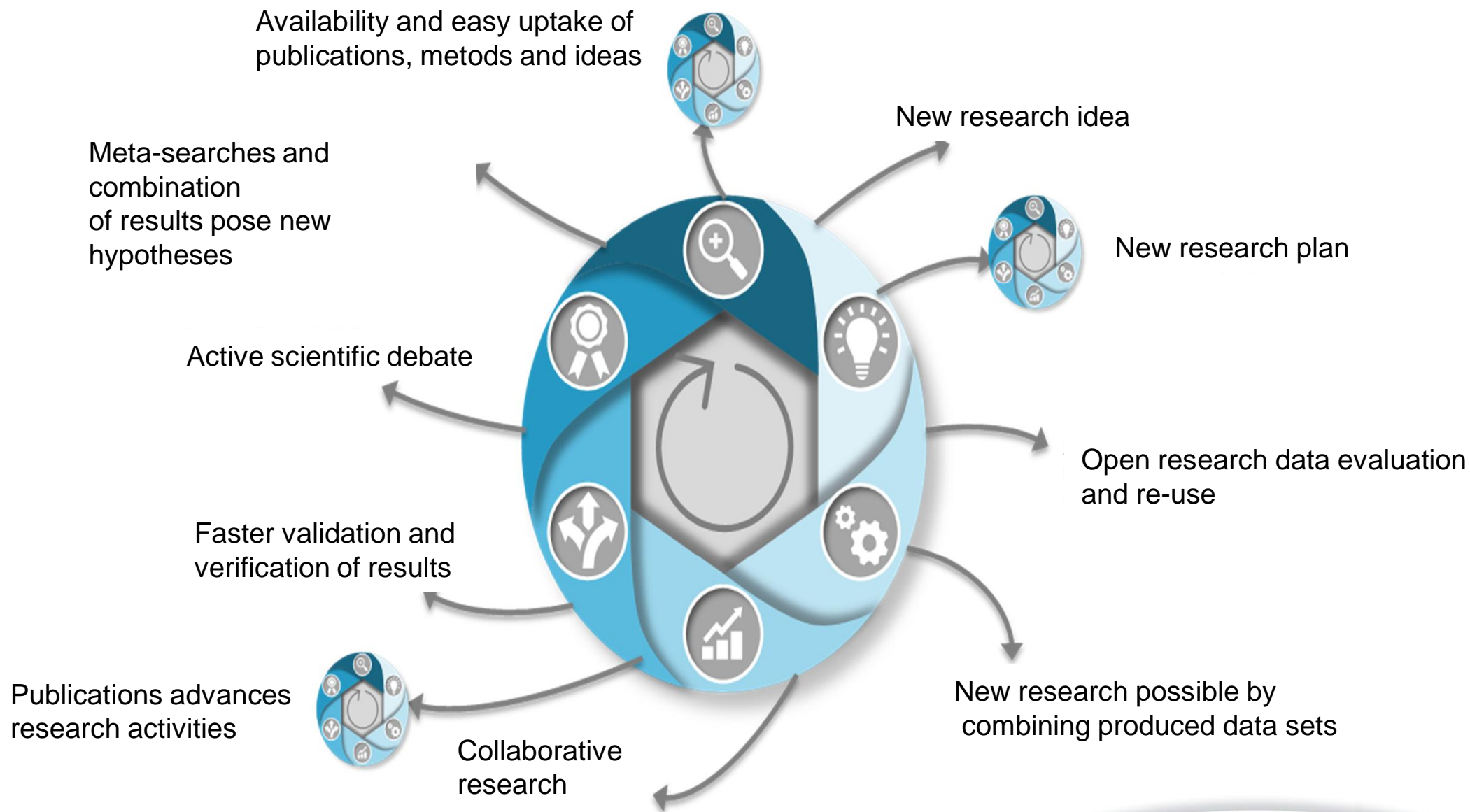
Ensuring a stable foundation for the research process

- Good and clear basic structures and services

Increasing the social impact of research

- New opportunities for researchers, decision-makers, business, public bodies and citizens

Science accelerator



Global Context

Globalisation

Openness

Multidisciplinarity

Challenge-
driven

Digitalisation

Science
education

Researcher
training

Infrastructure
policies

Internationalisation

Building the Framework

- Key issues
 - Semantic interoperability (ontologies, vocabularies, schemas)
 - Building federation
 - Creating linkages
- Building international interoperability is about giving options and choices
- Contextual, conceptual, logical and physical layers
- Encouraging technological diversity
- Encouraging new capabilities (=education) to utilize and develop these opportunities

How RDA helps in opening scientific process?

- Forum to discuss and agree on best practises to build interoperability
- Tools for interoperability
 - Semantic interoperability
- Incentives for researchers
 - Metrics
- Quality of the process

National Mechanisms

- Framework Conditions (funding, legislation, commitments) for Open Science for and through
 - HEIs
 - Public Research Institutes
 - Research Funding Organisations: Academy of Finland and Tekes
- **How could we enhance the use of the RDA outputs through these channels?**
- **What are the roles of actors at different levels of the system?**
 - **Scientific community**
 - **HEIs/PROs**
 - **RFOs**