

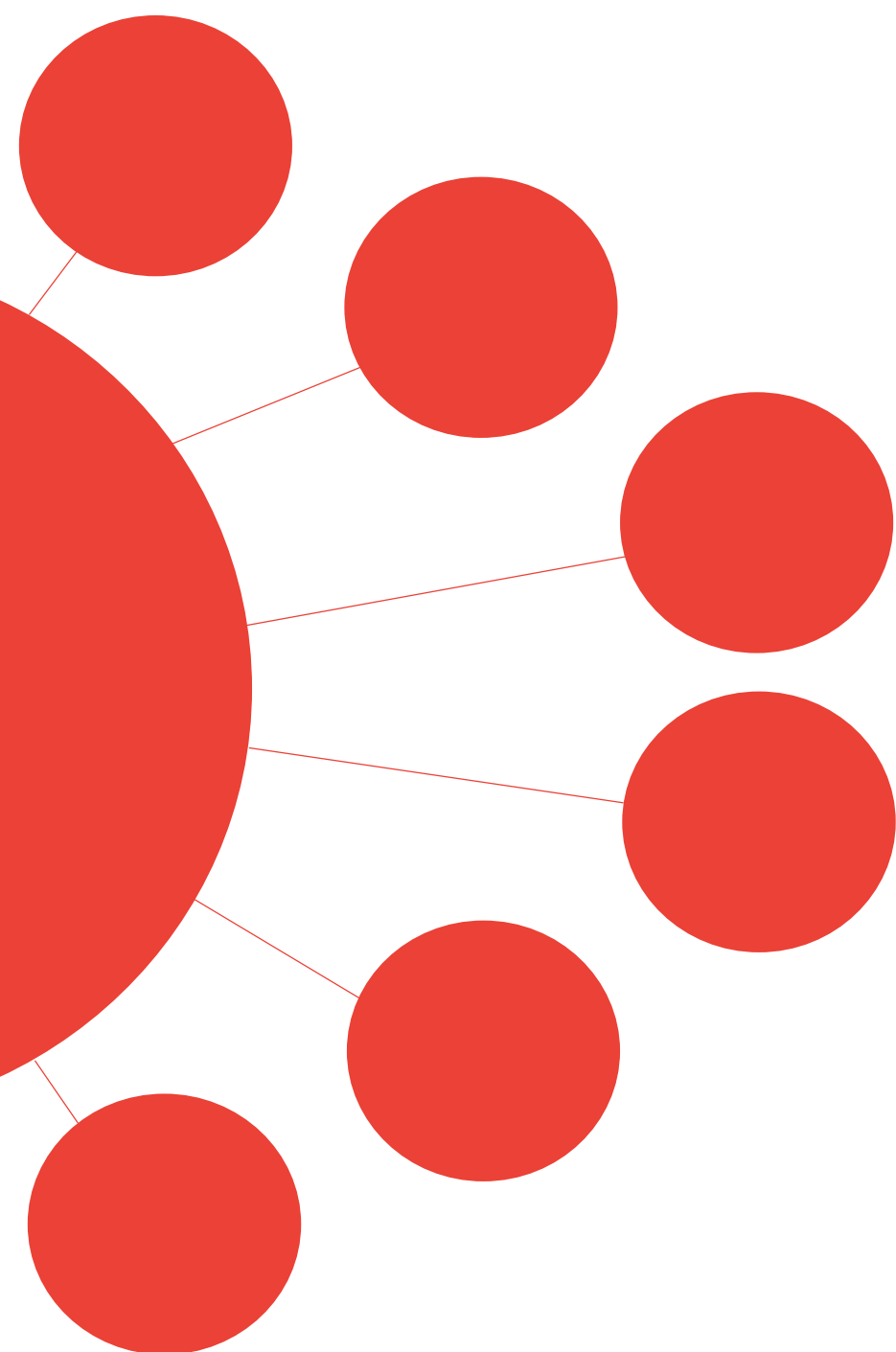


Open Science in Austria

ACDH Tool Gallery, 22nd Oct 2019

Katharina Rieck, MA MA(LIS)

Open Science Manager, Austrian Science Fund (FWF)

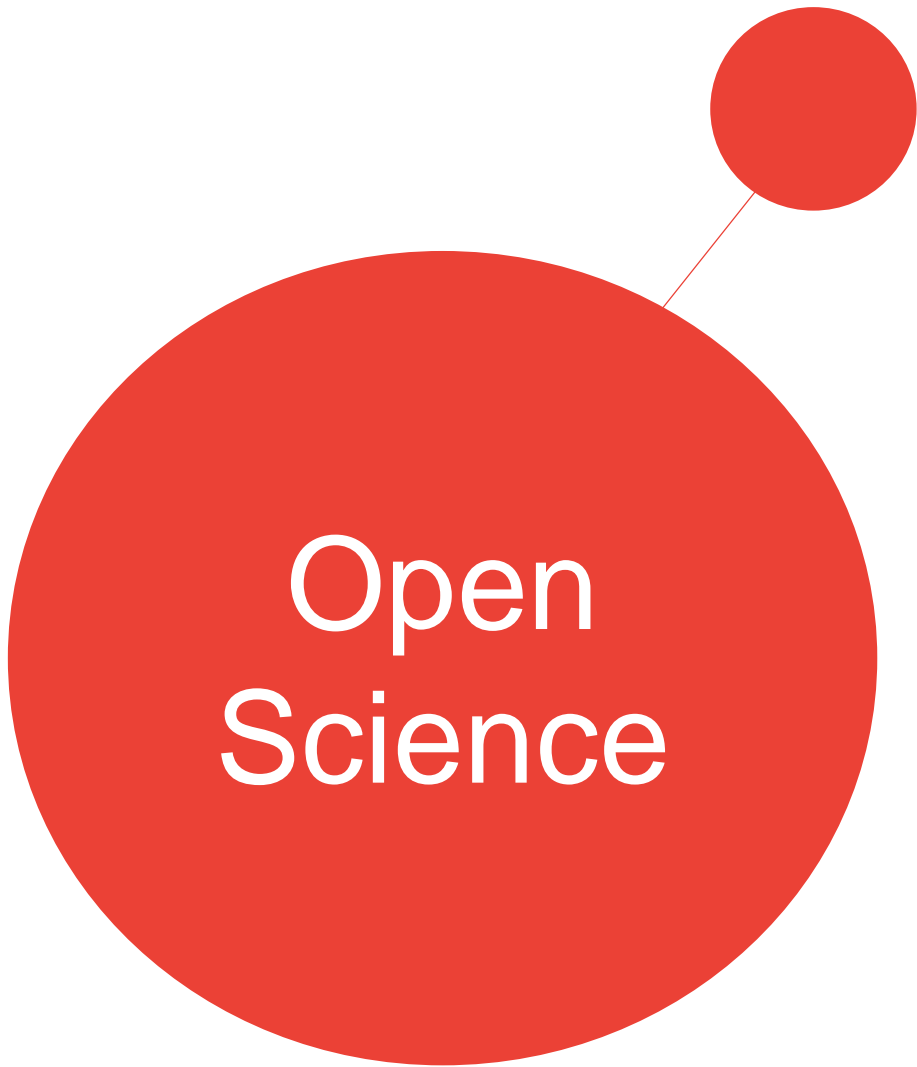


Open Science Network Austria

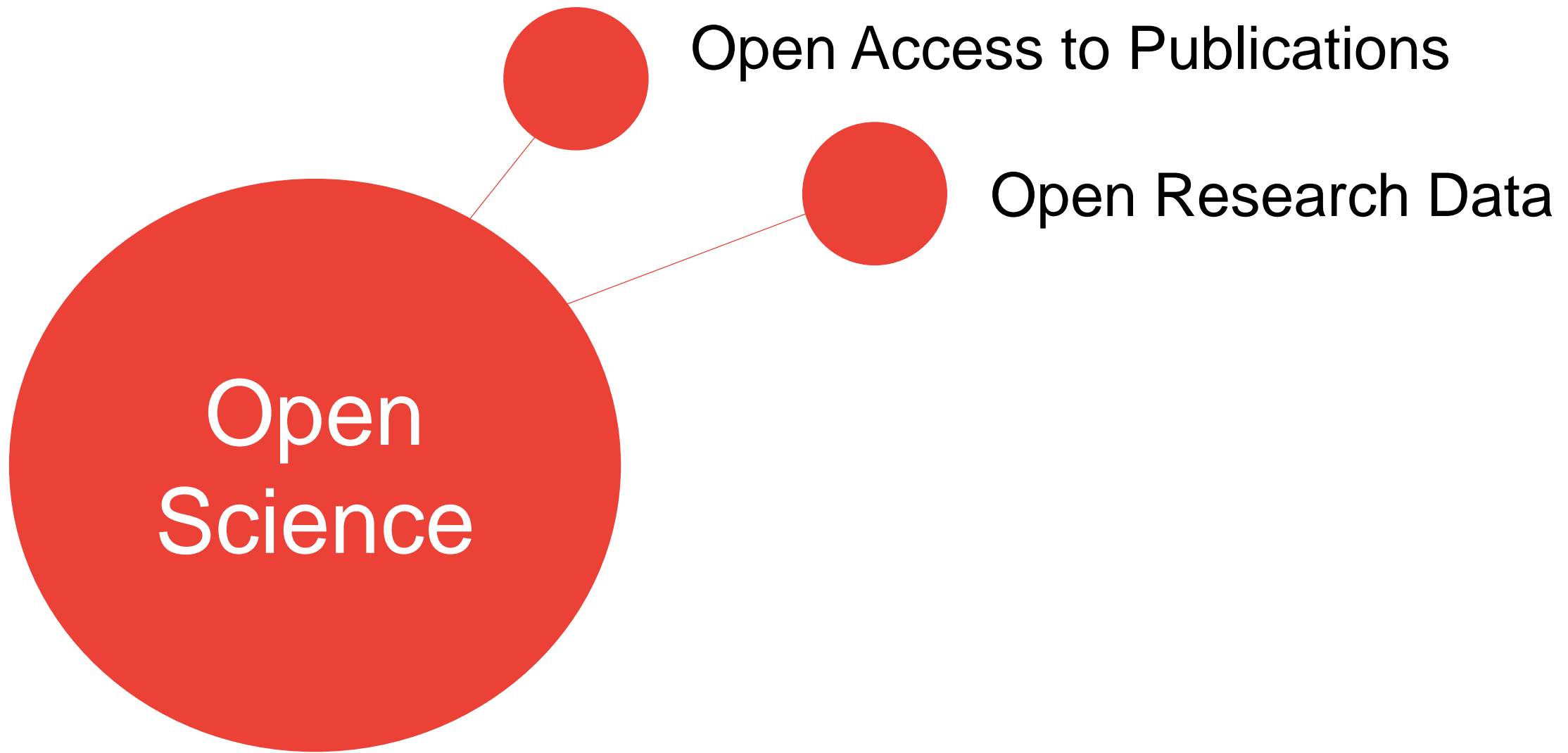
- [OANA](#) is a think tank on the topic of Open Science
- Founded in 2012
- Our goals are:
 - the exchange of ideas
 - the coordination and connection of initiatives
 - the development of recommendations on Open Science

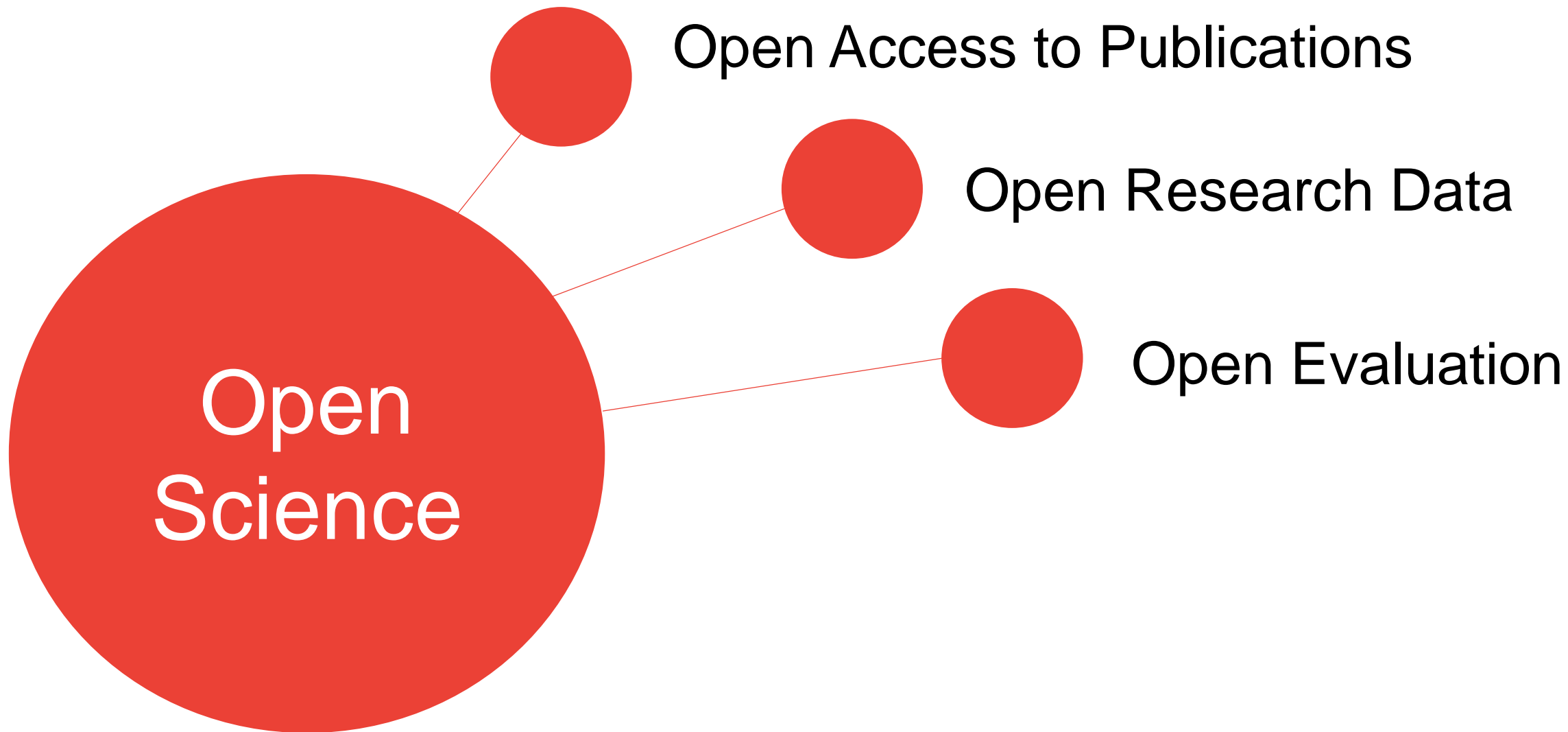
Working groups

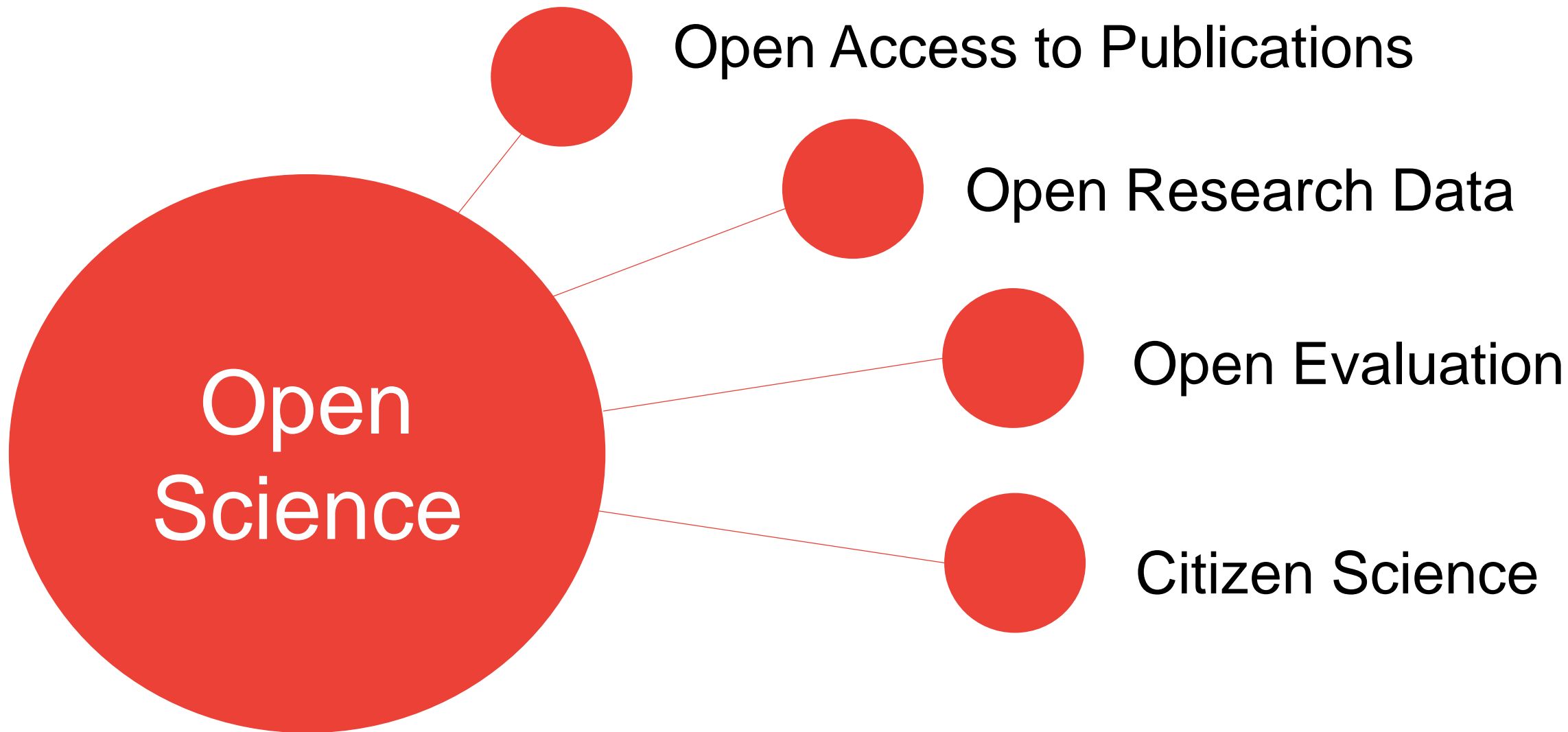
- WG Open Science strategy
- WG Open Science information
 - Open Science trainings
 - OANA website relaunch
- WG Legal aspects of Open Science

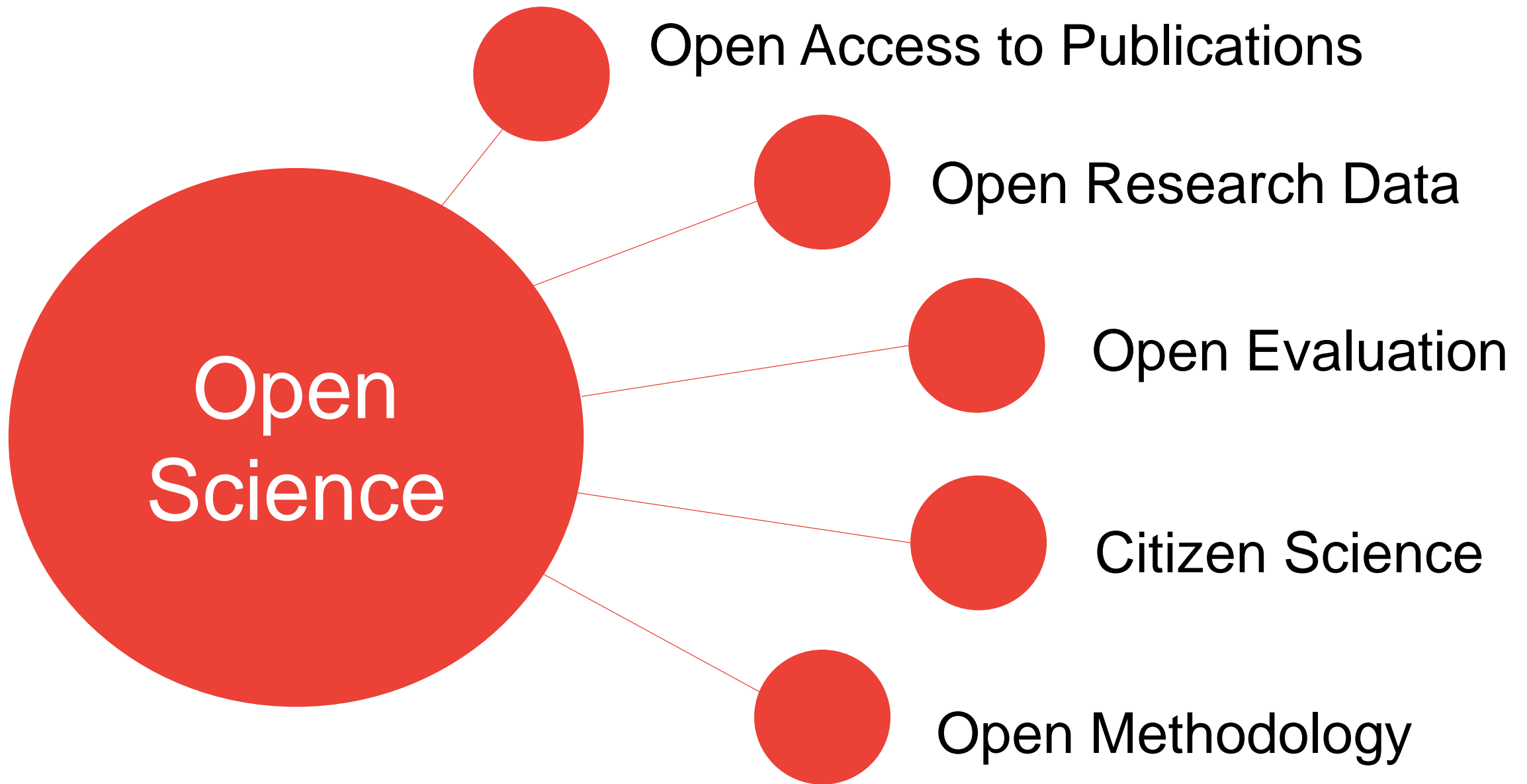


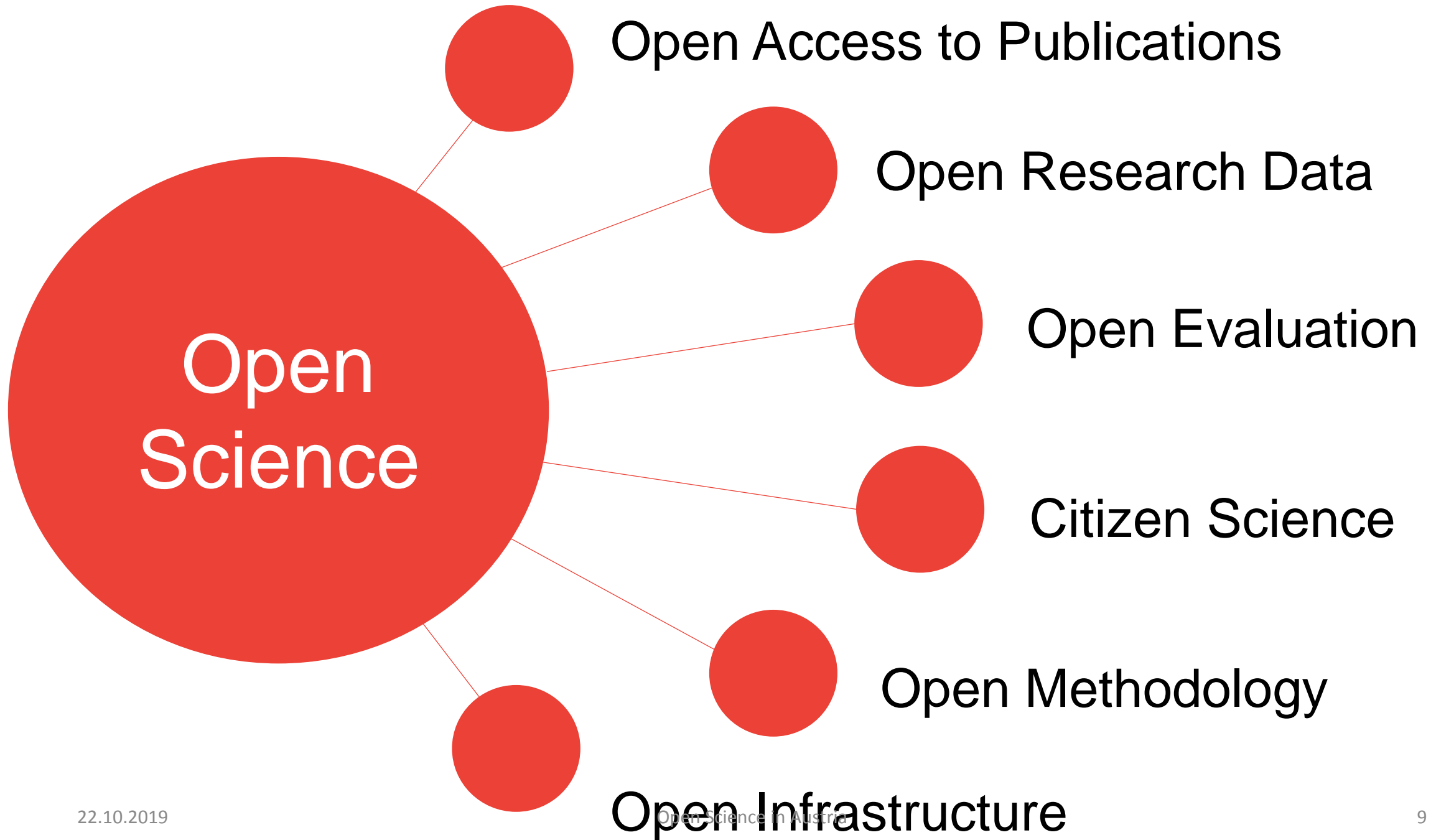
Open Access to Publications

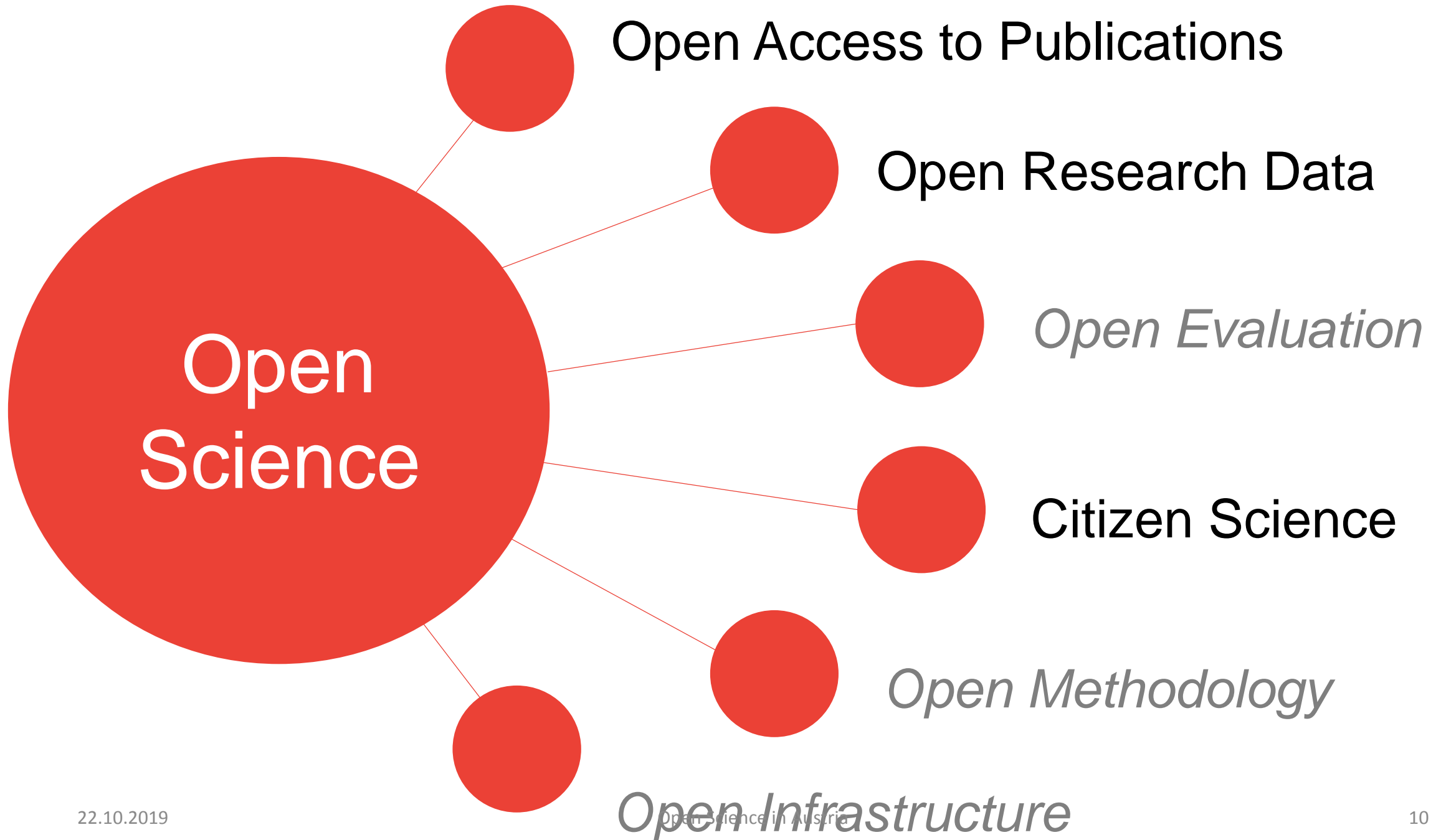


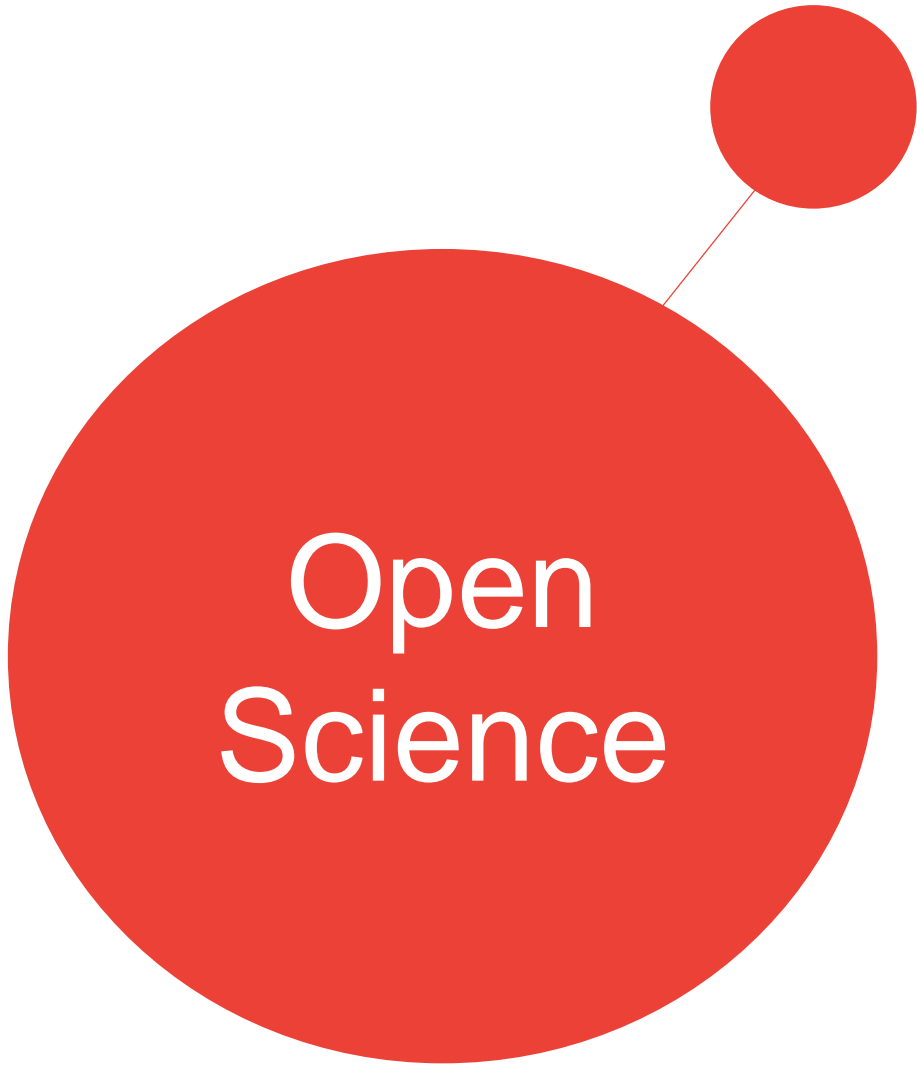












Open Access to Publications

Signatories of the Berlin Declaration



23 Austrian institutions:

- Universities
- Universities of Applied Sciences (FHs)
- Austrian Academy of Sciences
- AIT
- IST Austria
- Austrian Science Fund (FWF)
- Rectors Conference
- Österreichischer Wissenschaftsrat

Institutional OA Policies

- 18 Open Access Policies:
 - 11 Universities
 - IST Austria, IIASA,
 - Austrian Academy of Science
 - Academy of Fine Arts Vienna
 - FH St. Pölten
 - Funders: Austrian Science Fund (FWF), WWTF

Open Access Funding

16 Institutions:

- Academy of Fine Arts Vienna
- 12 Universities
- FH Technikum
- IST Austria
- Austrian Academy of Sciences
- Austrian Science Fund (FWF)

FWF Open Access Policy

- One of the first OA Policies worldwide in 2004
- Open Access mandate since 2008
- Support mechanisms:
 - Programme [Peer-reviewed Publications](#)
 - Reimbursement of Publication costs
 - Negotiation of Open Access contracts with Austrian Academic Library Consortium (KEMÖ)
 - Programme [Stand-Alone Publications](#)
 - Funding of [alternative publication formats](#)
 - Open Access [journal funding programme](#)

Austrian Academic Library Consortium (KEMÖ)



- KEMÖ negotiates open access agreements with publishers
- 58 members
- 10 OA agreements, further agreements under negotiation
- Open Access Agreements: [ESAC Agreement Registry](#)

Network for Repository Managers

- Association of repository managers from institutions all over Austria
- Aim: Exchange experiences at regular meetings
- Communication platform open to all members is planned and will provide the opportunity to share information

RepManNet

Support of OA Infrastructures

- [Arxiv](#)
- [COAR \(Confederation of Open Access Reposit](#)
- [Directory of Open Access Journals \(DOAJ\)](#)
- [Europe PMC](#)
- [Knowledge Unlatched](#)
- [OAPEN](#)
- [Open Knowledge Maps](#)
- [Open Library of Humanities](#)
- [Scipost](#)
- [Scoap 3](#)



Recommendations for the Transition to OA in Austria



Recommendations for the Transition to Open Access in Austria / Empfehlungen für die Umsetzung von Open Access in Österreich

Expert Group "National Strategy" of the Open Access Network Austria (OANA); Universities Austria (uniko)

Based on 16 recommendations, efforts should be made to achieve the following goal:

By 2025, a large part of all scholarly publication activity in Austria should be Open Access. In other words, the final versions of most scholarly publications (in particular all refereed journal articles and conference proceedings) resulting from the support of public resources must be freely accessible on the Internet without delay (Gold Open Access). This goal should be pursued by taking into account the different disciplinary practices and under consideration of the different disciplinary prioritisations of Open Access. The resources required to meet this obligation shall be provided to the authors, or the cost of the publication venues shall be borne directly by the research organisations. The necessary funding must be brought in line with the overall funding priorities for research.

Basierend auf 16 Empfehlungen wird empfohlen, folgendes Ziel anzustreben:

Bis 2025 ist ein Gutteil der wissenschaftlichen Publikationstätigkeit in Österreich auf Open Access umgestellt. Das bedeutet, dass die meisten wissenschaftlichen Publikationen (insbesondere referierte Zeitschriftenartikel und Konferenzschriften), die aus Unterstützung mit öffentlichen Mitteln hervorgegangen sind, ohne Zeitverzögerung und in der finalen Version im Internet frei zugänglich sind (Gold Open Access). Dieses Ziel ist unter Berücksichtigung der unterschiedlichen disziplinären Gepflogenheiten und unter Bedachtnahme unterschiedlicher disziplinärer Priorisierungen

Source: <https://zenodo.org/record/51799>

Upgrade to versioned record

Communities

- Open Access & Open Science Research [x Remove](#)
- Open Access Network Austria (OANA) [x Remove](#)

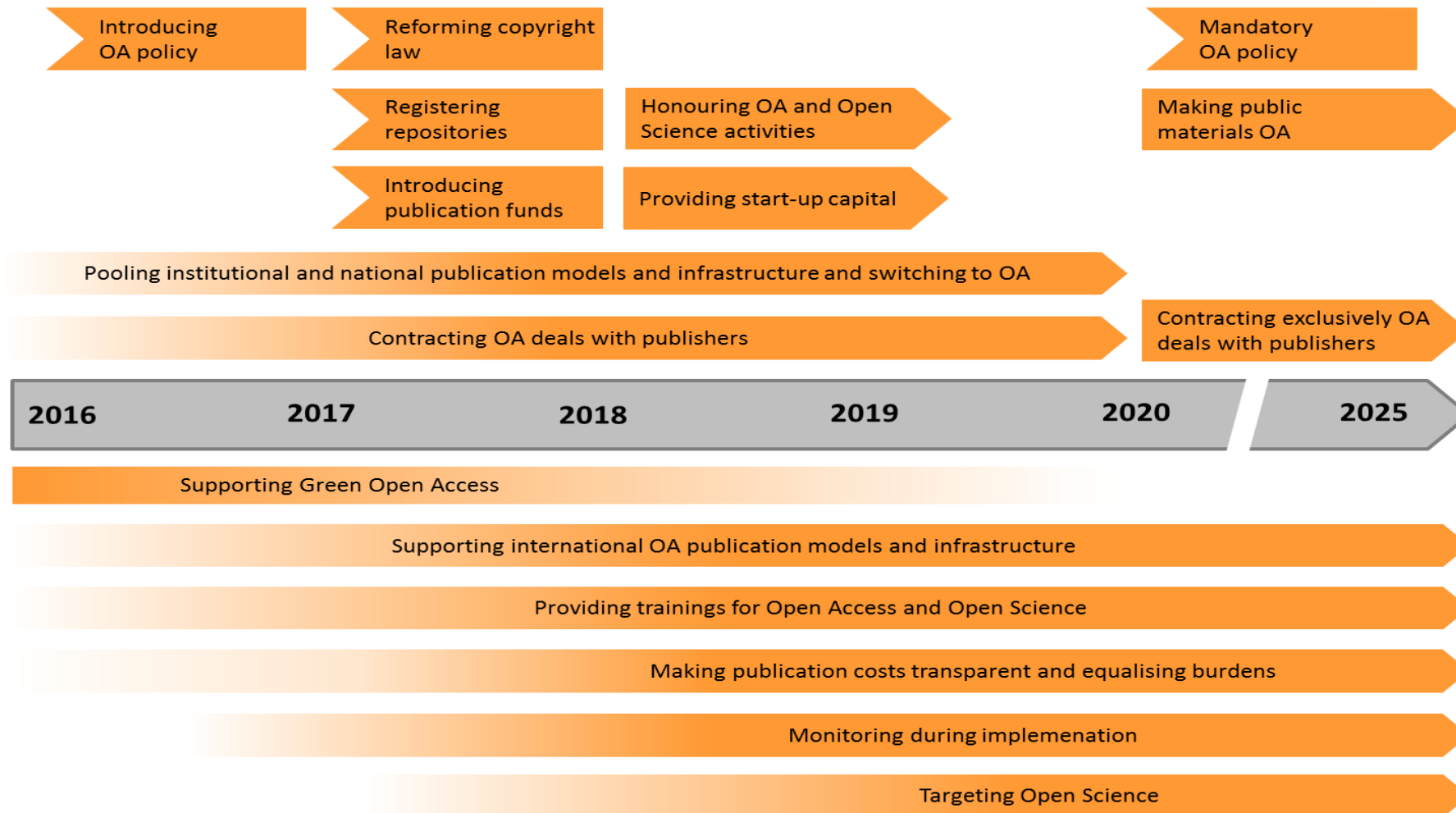
715 views [See more details...](#)

390 downloads [See more details...](#)

14 [See more details](#)

Referenced in 1 policy sources
Trusted by 16

Timeline for Open Access in Austria



Austrian Transition to Open Access

- 2017-2020
- Aims at supporting the transformation from Closed Access to Open Access to scholarly publications.
- Increase Austria's Open Access publication
- Four Working Groups



OANA Working Group: Open Access and Scholarly Communication

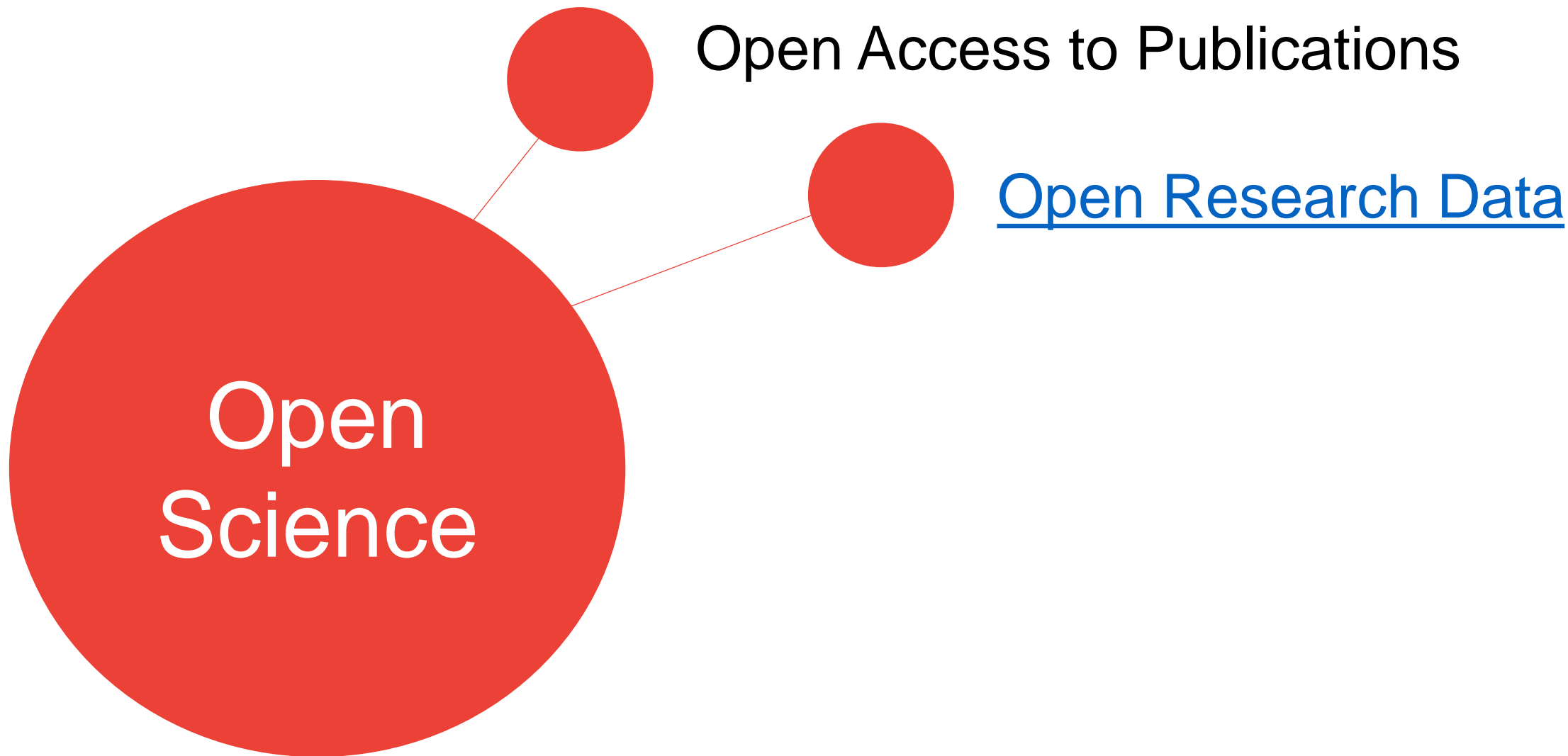


Vienna PRINCIPLES

a vision for scholarly communication



- | | | |
|-------------------|---------------------|-----------------------|
| 1 Accessibility | 5 Transparency | 9 Evaluation |
| 2 Discoverability | 6 Understandability | 10 Validated Progress |
| 3 Reusability | 7 Collaboration | 11 Innovation |
| 4 Reproducibility | 8 Quality Assurance | 12 Public Good |



E-Infrastructures Austria

- Project with 25 member institutions (including all universities)
- Aims to create an Austrian-wide repositories landscape
- [Project 2014-2016](#) and [Project 2017-2019](#)
- Working Groups: Research Data Policies, Data Management Plans, Metadata, Go FAIR



Repositories (some examples)

- [ARCHE – A Resource Centre for Humanities Related Research in Austria](#)
- [AUSSDA – The Austrian Social Science Data Archive](#)
- [CCCA Data Centre \(Climate Data\)](#)
- [GAMS – Geisteswissenschaftliches Asset Management System](#)
- [Innsbruck Dissociative Electron Attachment \(DEA\) DataBase](#)
- [IST DataRep](#)
- [JKU Magnetic Oxides Data Repository](#)
- [mdw Repository](#)
- [Phaidra \(Univie\)](#)
- [Phonogrammarchiv](#)
- [VMF Data Server](#)
- [Zentrum für Forschungsdatenmanagement \(TU Wien\)](#)

Austrian OS Support Group

- Founded at the University of Vienna in 2016
- Aims to build communities and exchange knowledge and structured information about the [European Open Science Cloud \(EOSC\)](#)
- [EOSC Secretariat](#)

AOSSG

Research Data Alliance Austria (RDA-AT)

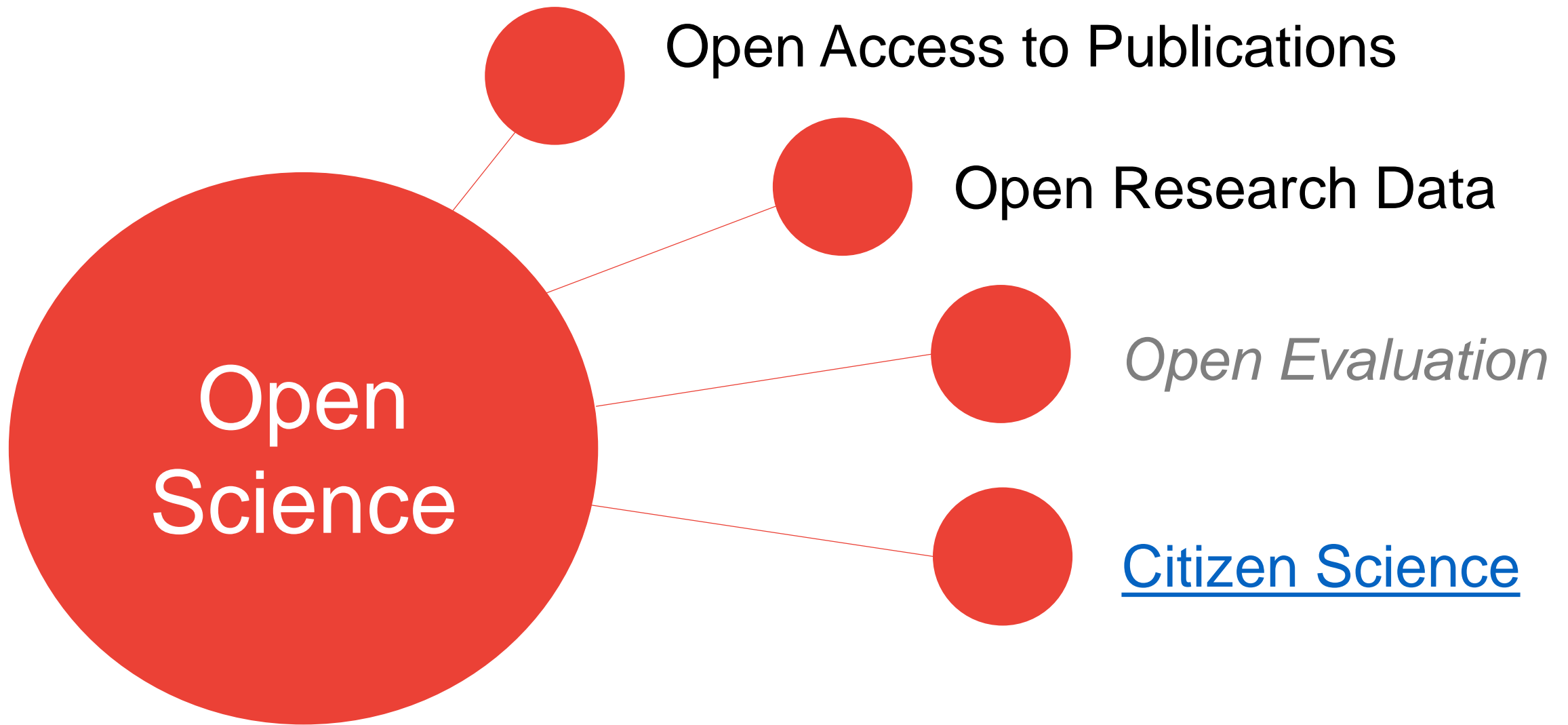


- A national RDA node dedicated to representing emerging research and data management communities throughout Austria.
- Aims to
 - link Austrian data management initiatives and RDA working and interest groups
 - provide assistance in adoption of RDA recommendations



FWF Research Data Policy

- [Mandate](#) for research data management for projects approved from 1 January 2019 under the new guidelines.
- From 2019, [open access](#) is mandatory for research data on which the research publications of the project are based.
 - If, for legal, ethical or other reasons, open access to these data is not or only partially possible, this must be explained in the Data Management Plan (DMP)



Österreich forscht – Citizen Science Network Austria



- Founded in 2017
- Coordinated by the University of Natural Resources and Applied Life Sciences (BOKU)
- Enables the further expansion of Citizen Science in Austria as well as the promotion of quality and strengthens the dialogue between science and society.
- Overview of [CS projects](#) in Austria
- Annual Citizen Science Conference:
<https://www.citizen-science.at/konferenz/allgemeines>



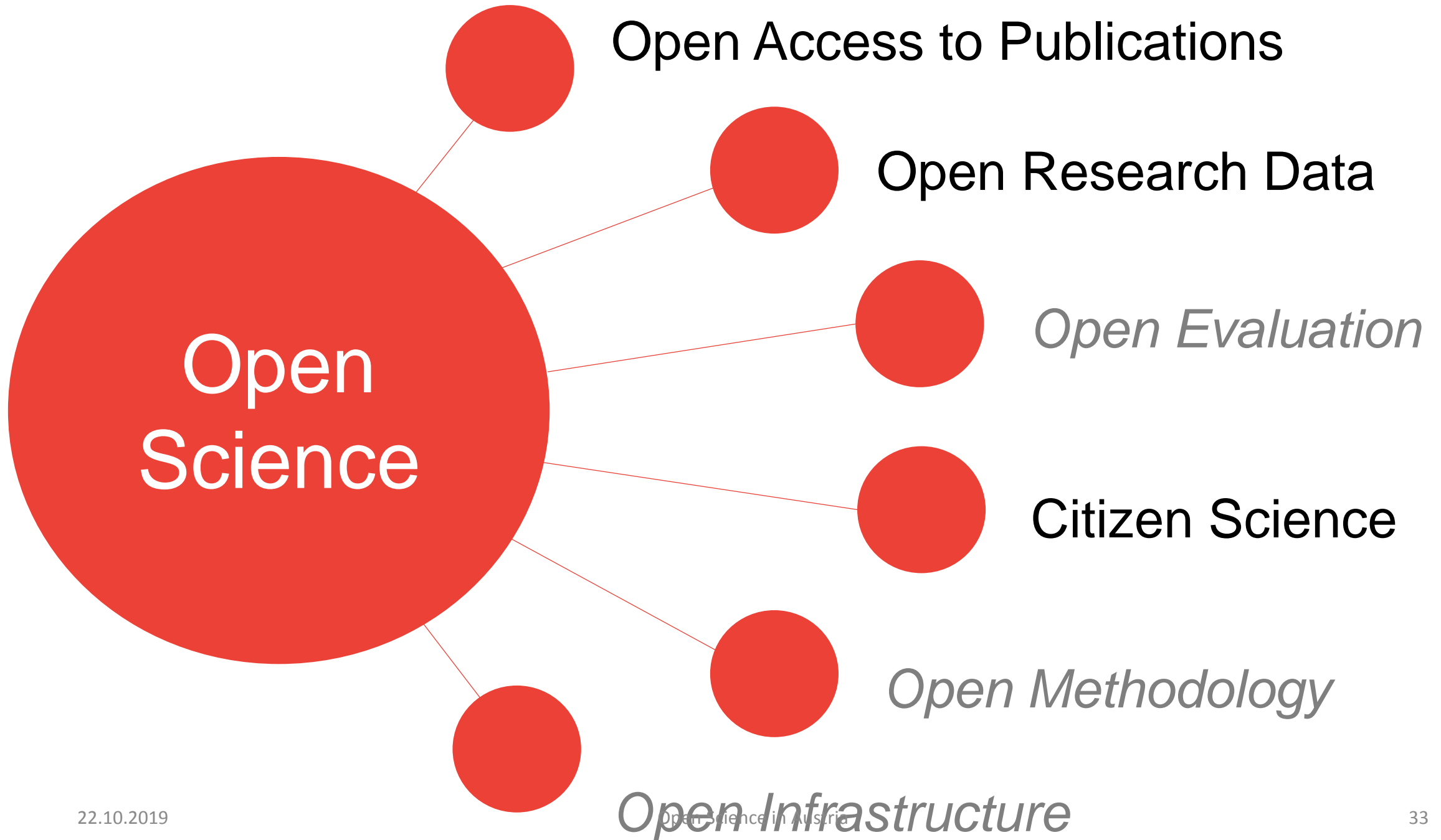
Center for Citizen Science

- Founded in June 2015 by the Federal Ministry of Education, Science and Research at the OeAD
- Service and information centre, which supports both scientists and practitioners in the development and implementation of citizen science projects
- The [Young Science](#) is a focal point: offers Austrian schools and research institutions a wide range of opportunities



Citizen Science: Funding

- [Sparkling Science](#)
 - Since 2007
 - 299 Projects funded
- [Top Citizen Science](#)
 - Funding programme of FWF and OeAD

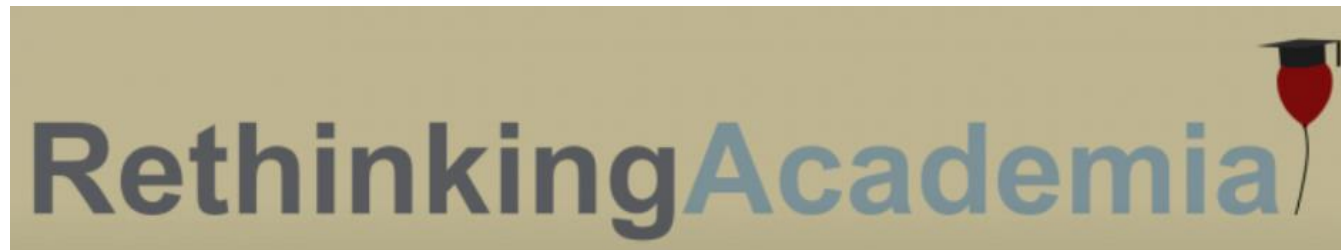


Austrian Networks

- Historically grown
- A mix of bottom up and top down
- Work together
- Include different stakeholders

Academia-led bottom up initiatives

- [Rethinking Academia](#)
- [Graz Open Science Initiative](#) (ReproducibiliTea journal club)



OANA Working Group OS Strategy



- Develops recommendations for an Austrian Open Science strategy – until January 2020
- The document is expected to contain the following sections:
 - 1) Preamble
 - 2) What is Open Science?
 - 3) Frame conditions for the implementation of Open Science
 - 4) Target groups

National Open Science Strategies

Netherlands:

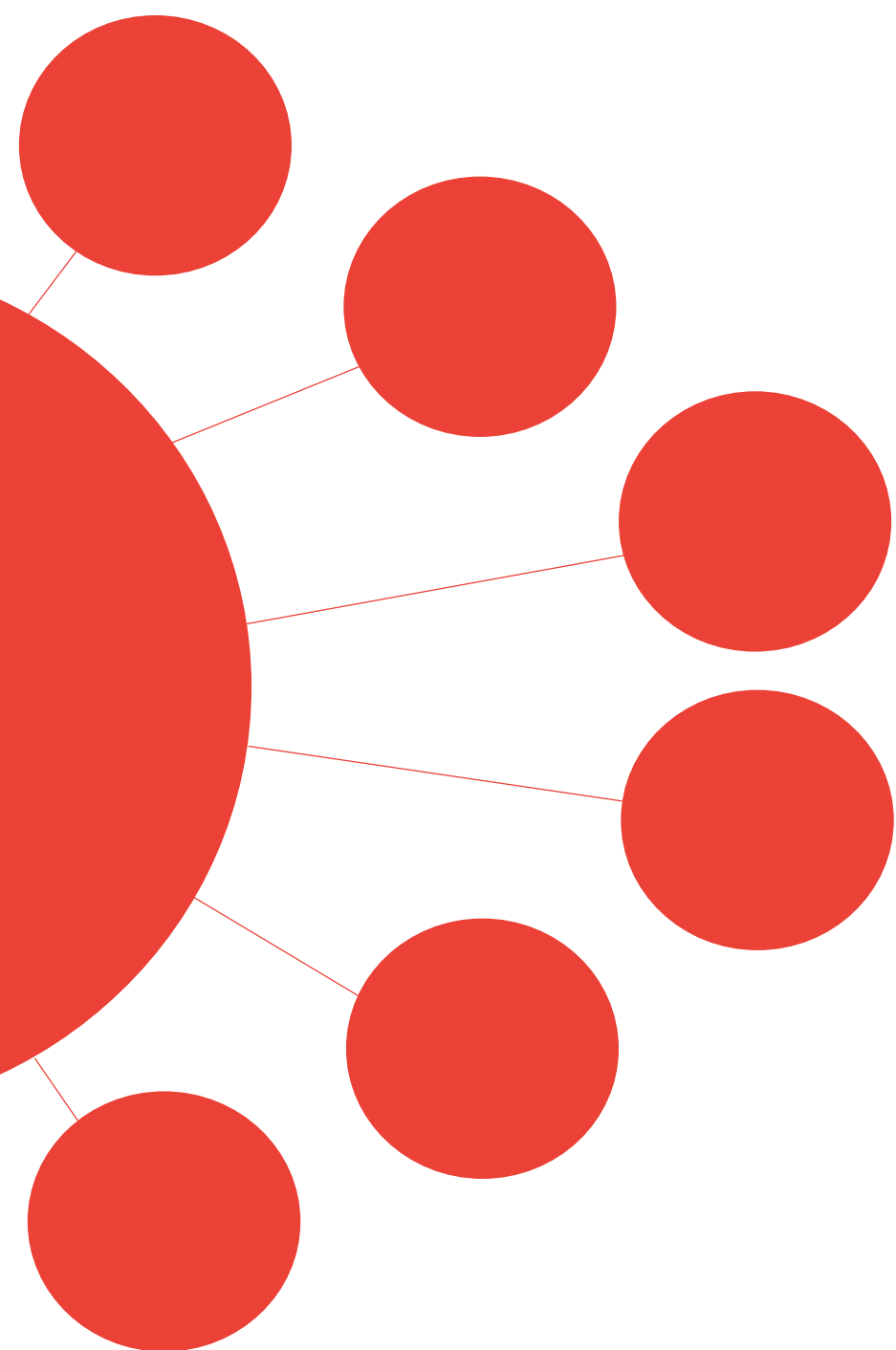


Source: https://www.openscience.nl/files/openscience/2019-02/nationalplanopenscience_en.pdf

France:



Source: https://libereurope.eu/wp-content/uploads/2018/07/SO_A4_2018_05-EN_print.pdf



Invitation:

OANA Network Meeting 23.01.2020
BMBWF Festsaal, Freyung 1010

<https://oana.at/>