

Data Culture & FAIR Data: AUSSDA – The Austrian Social Science Data Archive

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#AUSSDA @TheAUSSDA

Vienna, 30.10.2018

Presentation at “The European Open Science Cloud: Austria takes initiative”

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Outline

- How does the work of a national service provider fit in EOSC?
- Data Culture: Our approaches to openness
- FAIR Data: Turning principles into practice



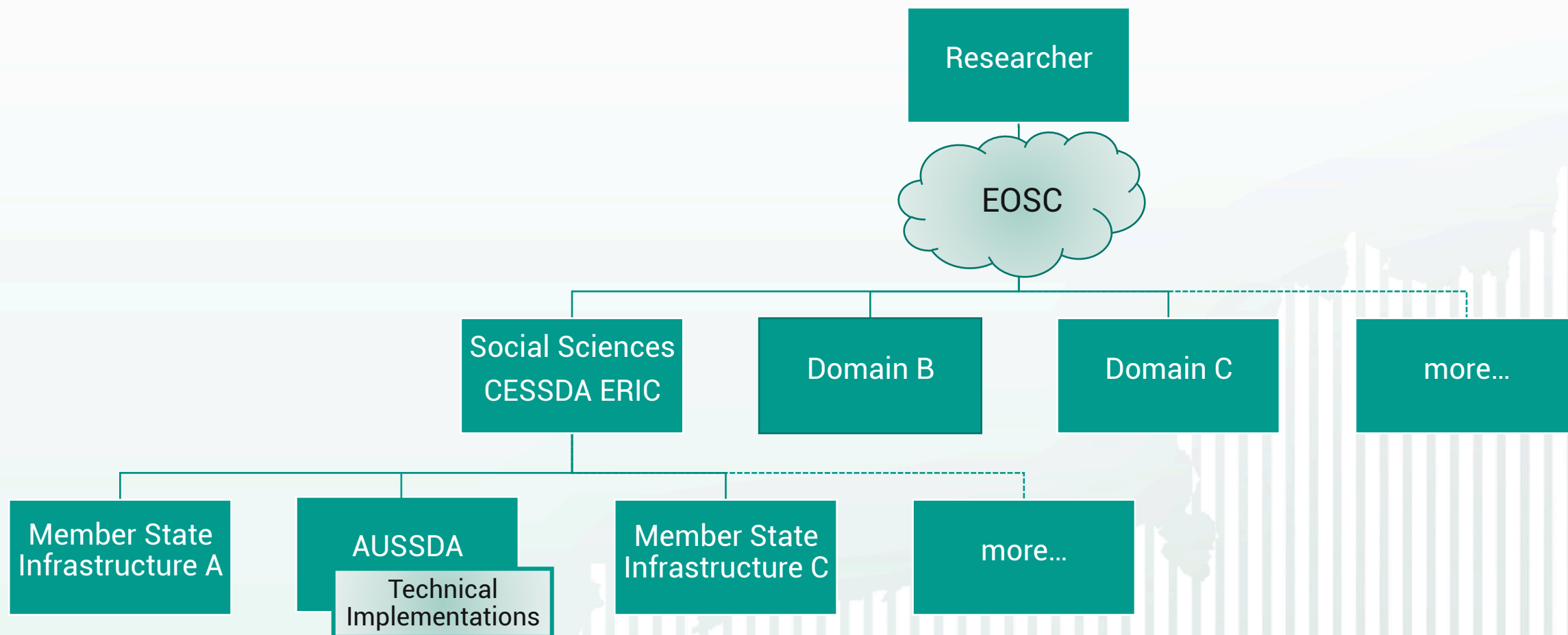
AUSDA
AUSTRIAN
SOCIAL SCIENCE
DATA ARCHIVE

Our mission

"We make social science data accessible,
creating opportunities for research and data
reuse, benefitting science and society."

Have data? Need data? | www.ausda.at

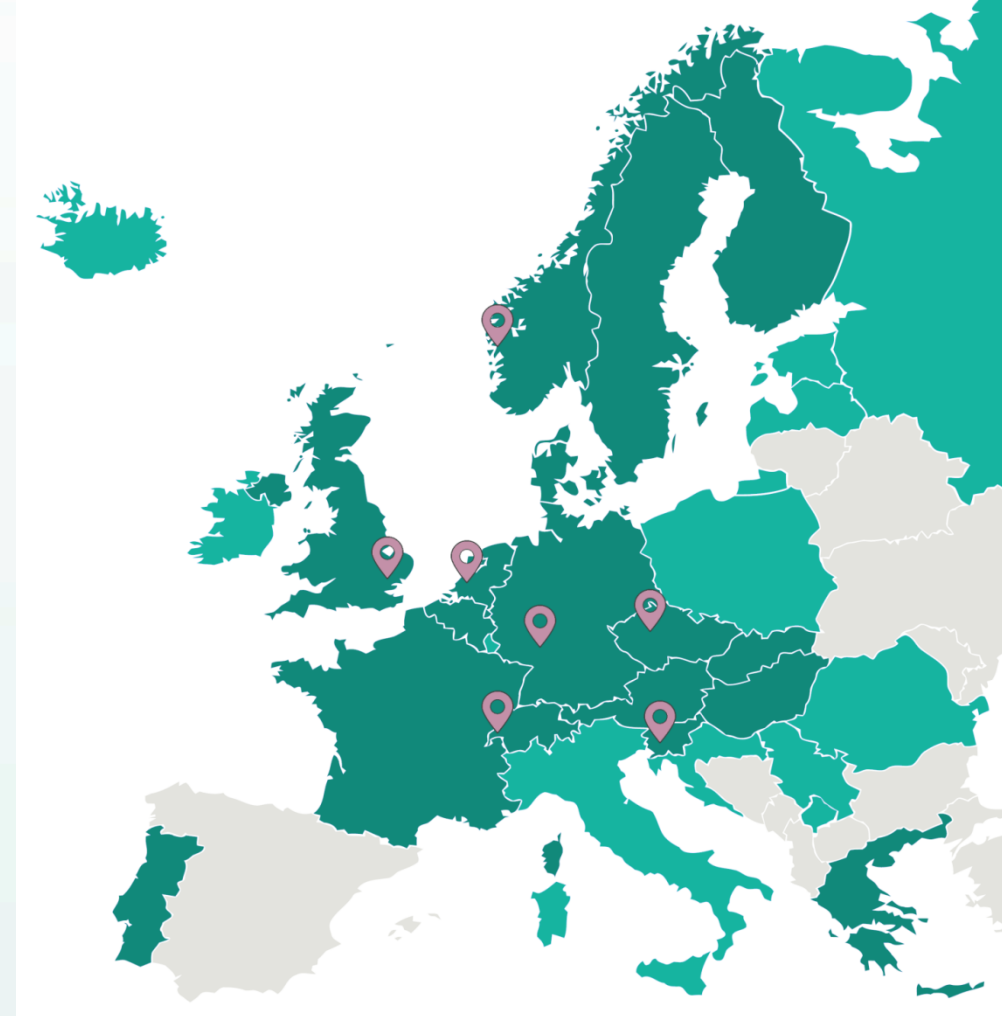
The EOSC federated model approach



Governance: The Consortium of European Social Science Data Archives (CESSDA ERIC)

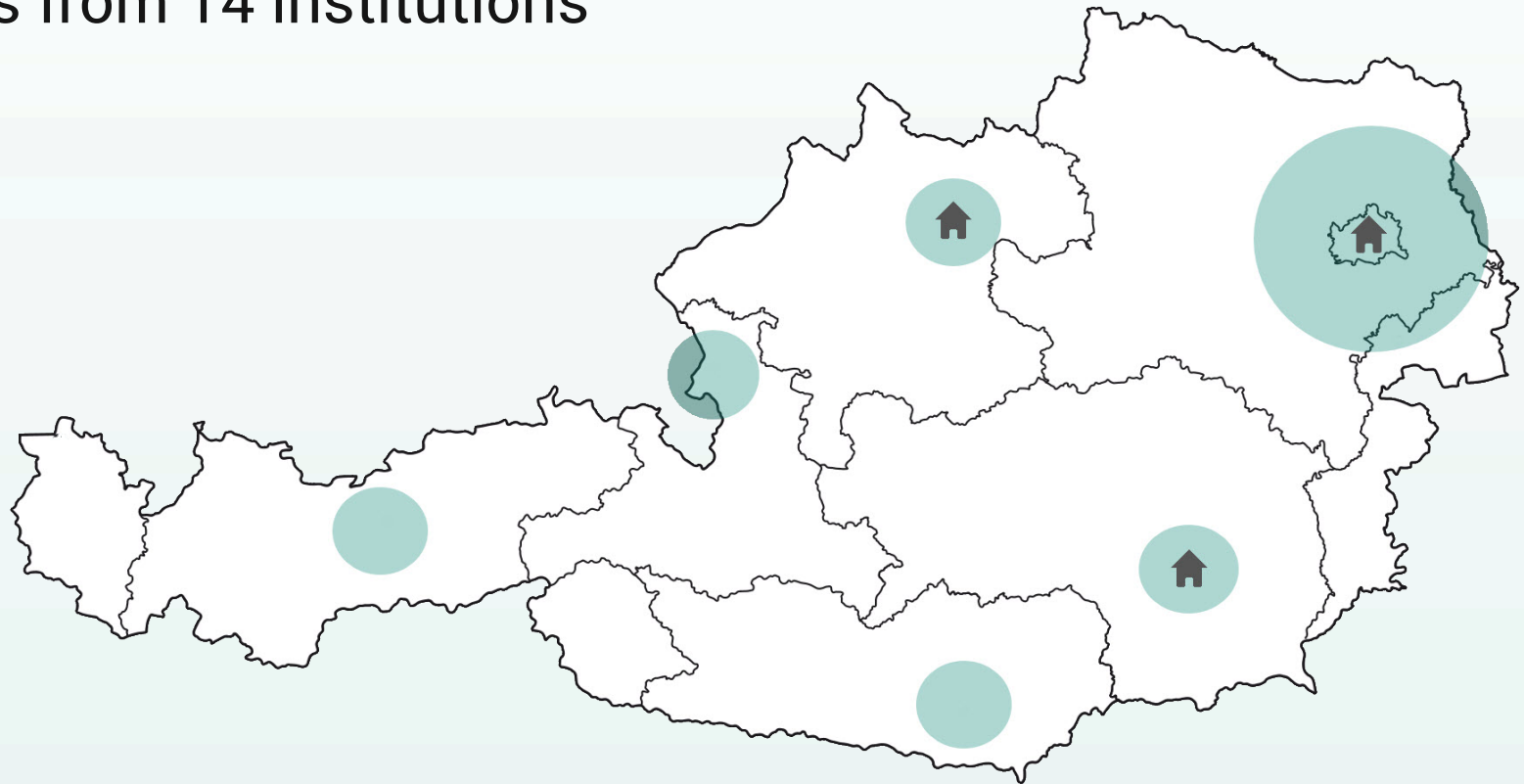
AUSSDA international advisory board

- ADP in Slovenia
- CSDA in the Czech Republic
- DANS in the Netherlands
- FORS in Switzerland
- GESIS in Germany
- NSD in Norway
- UK Data Service
- ...

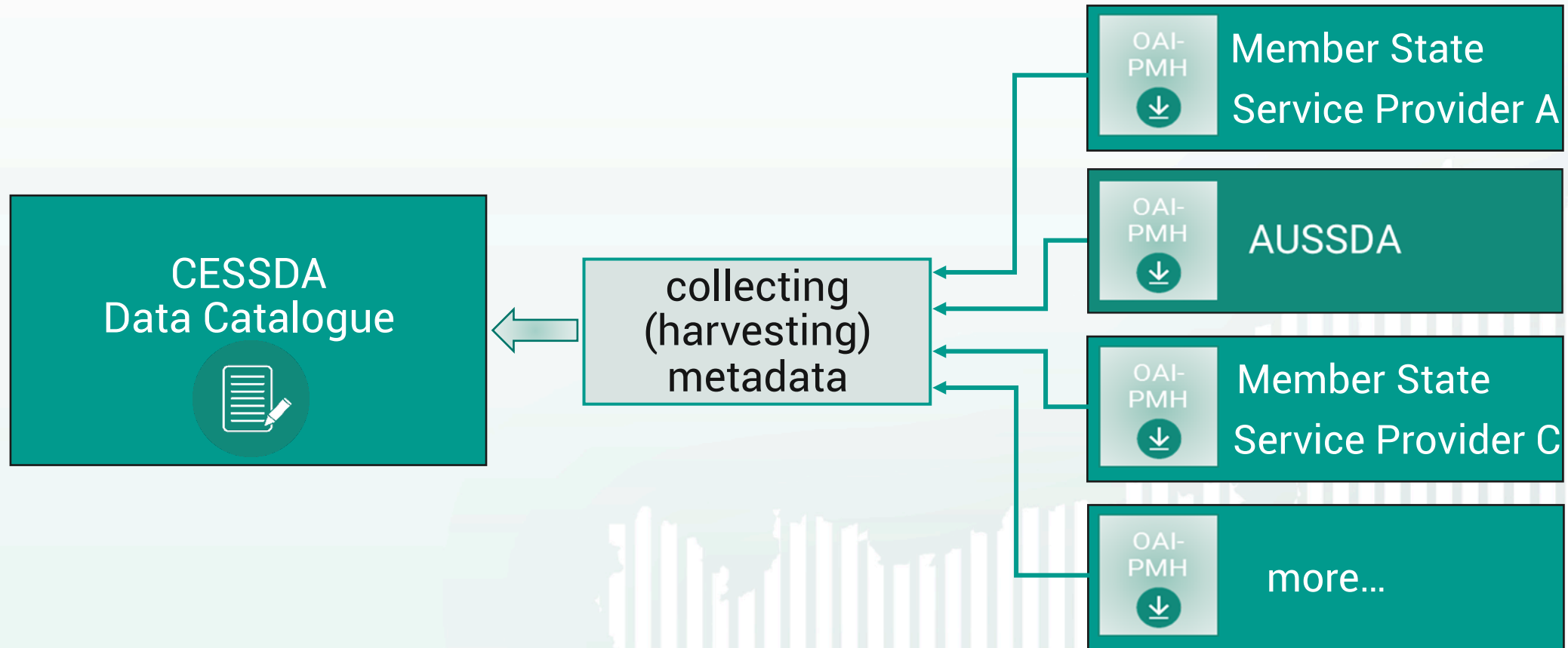


AUSSDA governance at the national level

- Three locations - in Vienna, Linz and Graz
- National board members from 14 institutions (incl. funding agencies)



Service: CESSDA Data Catalogue



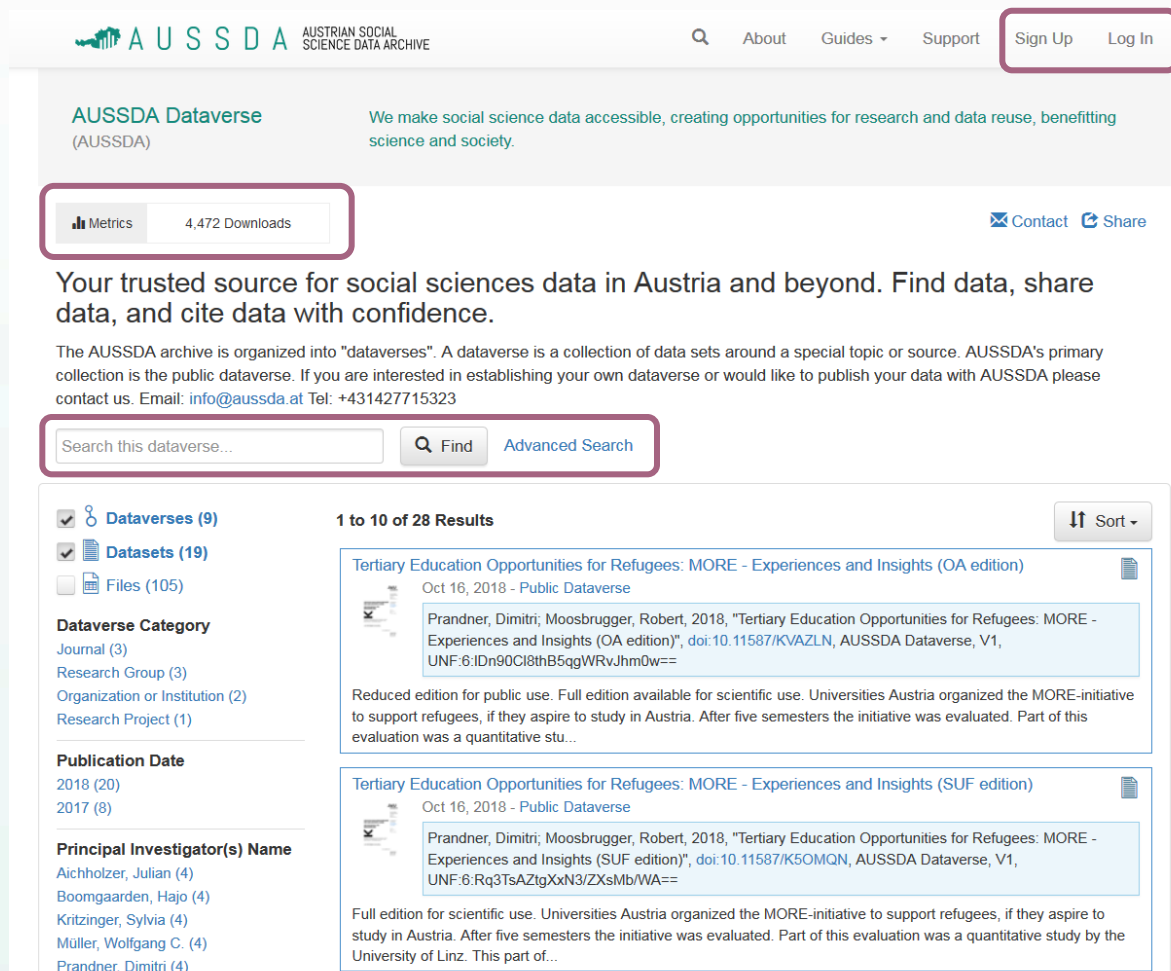
Service: DataverseEU

- CESSDA ERIC develops a cloud-based service to share and archive data.
- Based on The Dataverse Project, Open source research data repository software, <https://dataverse.org/>
- Investment to meet needs in Europe
 - Multi-language support
 - CESSDA ERIC metadata schema for the social sciences
 - Support for different types of persistent identifiers (PID, e.g., DOI via Datacite)
 - ...

Service: digital repository AUSSDA Dataverse

View downloads

Search with
English terms

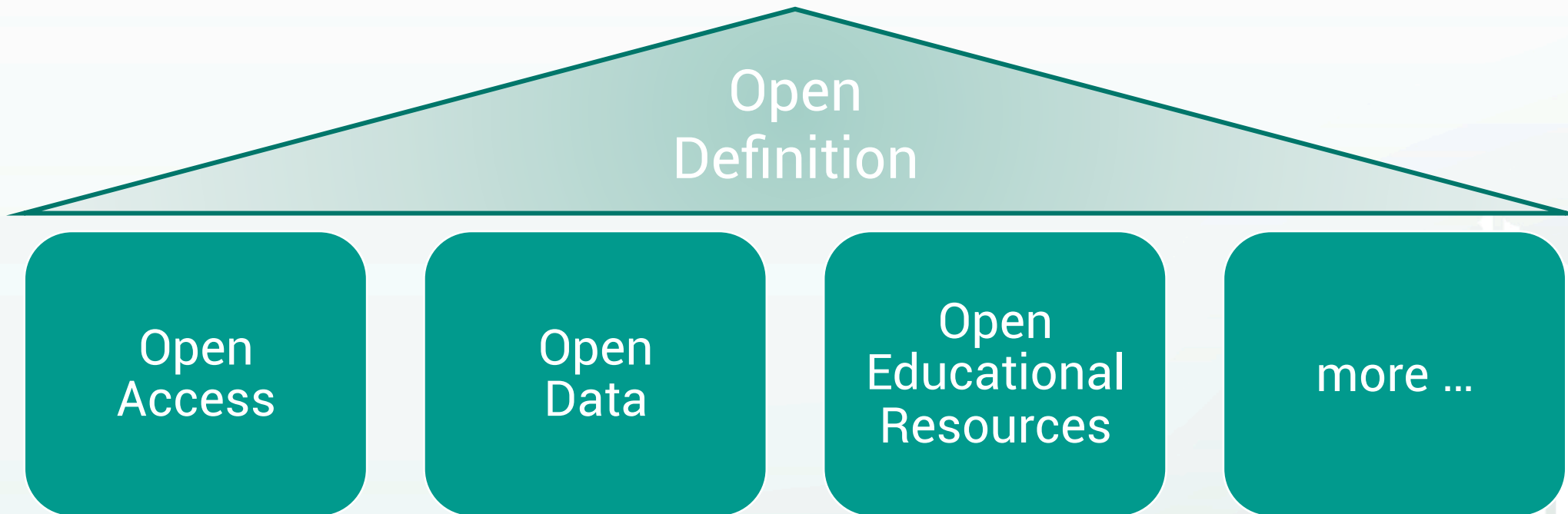


The screenshot shows the AUSSDA Dataverse website. At the top, the AUSSDA logo and name are displayed, along with navigation links: About, Guides, Support, Sign Up, and Log In. The main header area includes the text "AUSSDA Dataverse (AUSSDA)" and a tagline: "We make social science data accessible, creating opportunities for research and data reuse, benefitting science and society." Below this, a "Metrics" section shows "4,472 Downloads". A "Contact" and "Share" link are also present. The main content area features a search bar with the placeholder "Search this dataverse..." and buttons for "Find" and "Advanced Search". On the left side, there is a sidebar with filters: "Dataverses (9)", "Datasets (19)", and "Files (105)". Below these are filters for "Dataverse Category" (Journal (3), Research Group (3), Organization or Institution (2), Research Project (1)), "Publication Date" (2018 (20), 2017 (8)), and "Principal Investigator(s) Name" (Aichholzer, Julian (4), Boomgaarden, Hajo (4), Kritzing, Sylvia (4), Müller, Wolfgang C. (4), Prandner, Dimitri (4)). The main results area shows "1 to 10 of 28 Results" and lists two entries: "Tertiary Education Opportunities for Refugees: MORE - Experiences and Insights (OA edition)" and "Tertiary Education Opportunities for Refugees: MORE - Experiences and Insights (SUF edition)". Each entry includes a brief description and a link to the full edition.

“Sign Up” to create a new account or “Log In” with your institutional account (participating in EduGain)

Data Culture: Our approaches to openness

Open Definition 2.1 is a useful reference



Open access is the preferred model for metadata and documentation

- Metadata is dedicated to the public domain (CC0)
- Documentation about data sets can be published under a Creative Commons Attribution International 4.0 License (CC BY)
 - Methodological report
 - Questionnaire
 - Codebook
 - Other supplemental material

Open data: We need different licenses matching different needs to maximize reuse

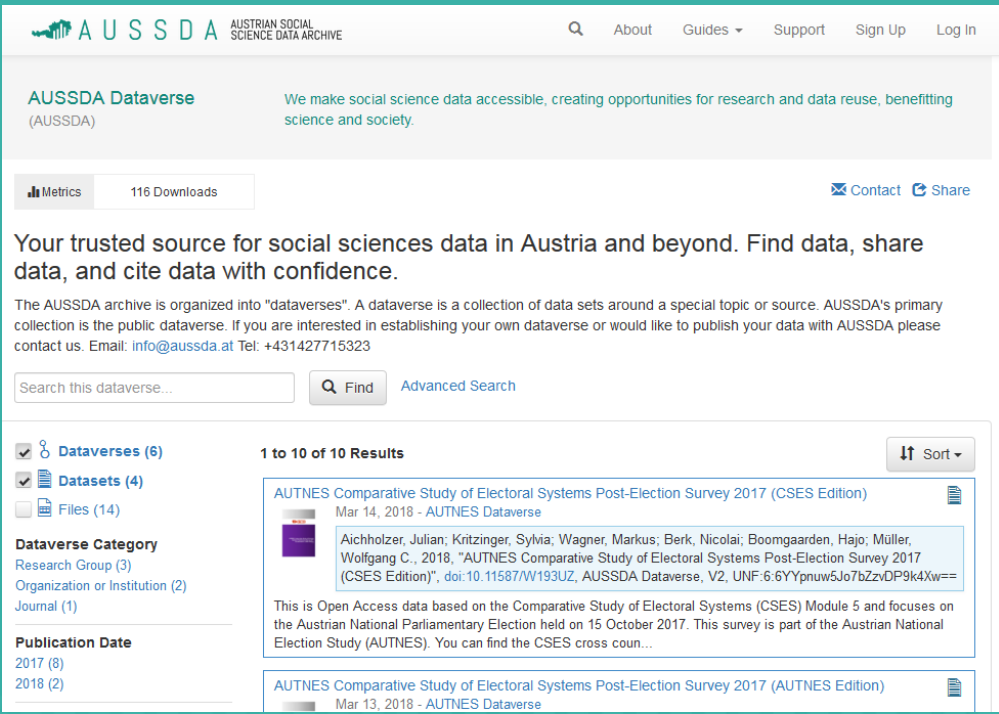
- 🔒 Open Access is available for data published under a Creative Commons Attribution International 4.0 License (CC BY)
- 🔍 Restricted Access is available for data that require restricted use models, e.g., scientific use only (cf. GDPR)
- 💬 Delayed publication (embargo period) is possible under both models
- 💬 Contracts with special conditions on reuse are also possible

Open Educational Resources Pilot projects in teaching 2018

🌐 Data analyses

- 🌐 At the institutes for sociology at JKU and University of Graz
- 🌐 At the faculty for sociology and political science at the University of Innsbruck
- 🌐 In communication science at the University of Salzburg

🌐 Information behavior, trust in media, politics in Austria



AUSSDA AUSTRIAN SOCIAL SCIENCE DATA ARCHIVE

AUSSDA Datasverse (AUSSDA) We make social science data accessible, creating opportunities for research and data reuse, benefitting science and society.

116 Downloads

Contact Share

Your trusted source for social sciences data in Austria and beyond. Find data, share data, and cite data with confidence.

The AUSSDA archive is organized into "datasverses". A datasverse is a collection of data sets around a special topic or source. AUSSDA's primary collection is the public datasverse. If you are interested in establishing your own datasverse or would like to publish your data with AUSSDA please contact us. Email: info@aussda.at Tel: +431427715323

Search this datasverse... Find Advanced Search

Datasverses (6)

Datasets (4)

Files (14)

Datasverse Category

Research Group (3)

Organization or Institution (2)

Journal (1)

Publication Date

2017 (8)

2018 (2)

1 to 10 of 10 Results

AUTNES Comparative Study of Electoral Systems Post-Election Survey 2017 (CSES Edition)
Mar 14, 2018 - AUTNES Datasverse

Aichholzer, Julian; Kritzing, Sylvia; Wagner, Markus; Berk, Nicolai; Boomgaarden, Hajo; Müller, Wolfgang C., 2018, "AUTNES Comparative Study of Electoral Systems Post-Election Survey 2017 (CSES Edition)", doi:10.11587/W193UZ, AUSSDA Datasverse, V2, UNF:6.6YYPnuw5Jo7bZzvDP9k4Xw==

This is Open Access data based on the Comparative Study of Electoral Systems (CSES) Module 5 and focuses on the Austrian National Parliamentary Election held on 15 October 2017. This survey is part of the Austrian National Election Study (AUTNES). You can find the CSES cross coun...

AUTNES Comparative Study of Electoral Systems Post-Election Survey 2017 (AUTNES Edition)
Mar 13, 2018 - AUTNES Datasverse

FAIR Data: Turning principles into practice

Two examples

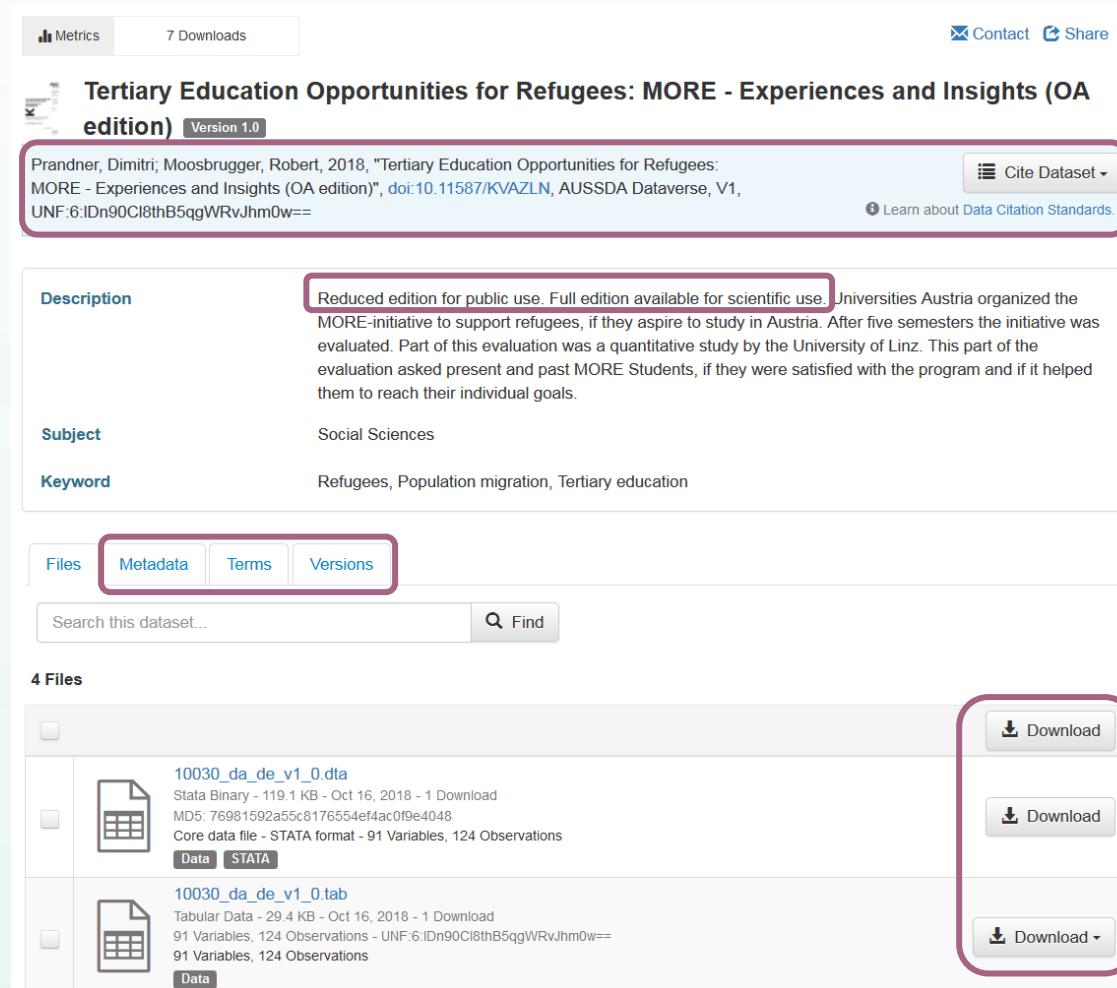
Findable

- F1. (Meta)data are assigned a globally unique and persistent identifier
- F2. Data are described with rich metadata
- F3. Metadata clearly and explicitly include the identifier of the data they describe
- F4. (Meta)data are registered or indexed in a searchable resource

Some answers to findability

doi as part of metadata
F1, F3

Metadata with specifics
about survey research
F2



The screenshot shows the dataset page for 'Tertiary Education Opportunities for Refugees: MORE - Experiences and Insights (OA edition)' (Version 1.0). The page includes a 'Metrics' section showing 7 Downloads, a 'Contact' and 'Share' link, and a 'Cite Dataset' button. The description section highlights the 'Reduced edition for public use. Full edition available for scientific use.' and provides details about the initiative. The 'Subject' is 'Social Sciences' and the 'Keyword' is 'Refugees, Population migration, Tertiary education'. The 'Files' section shows two files: '10030_da_de_v1_0.dta' (Stata Binary) and '10030_da_de_v1_0.tab' (Tabular Data). Each file has a 'Download' button. The 'Metadata' tab is selected, and the 'Find' button is visible.

OAI-PMH server allows
harvesting of metadata.
Website has Solr search.
F4

Reusable

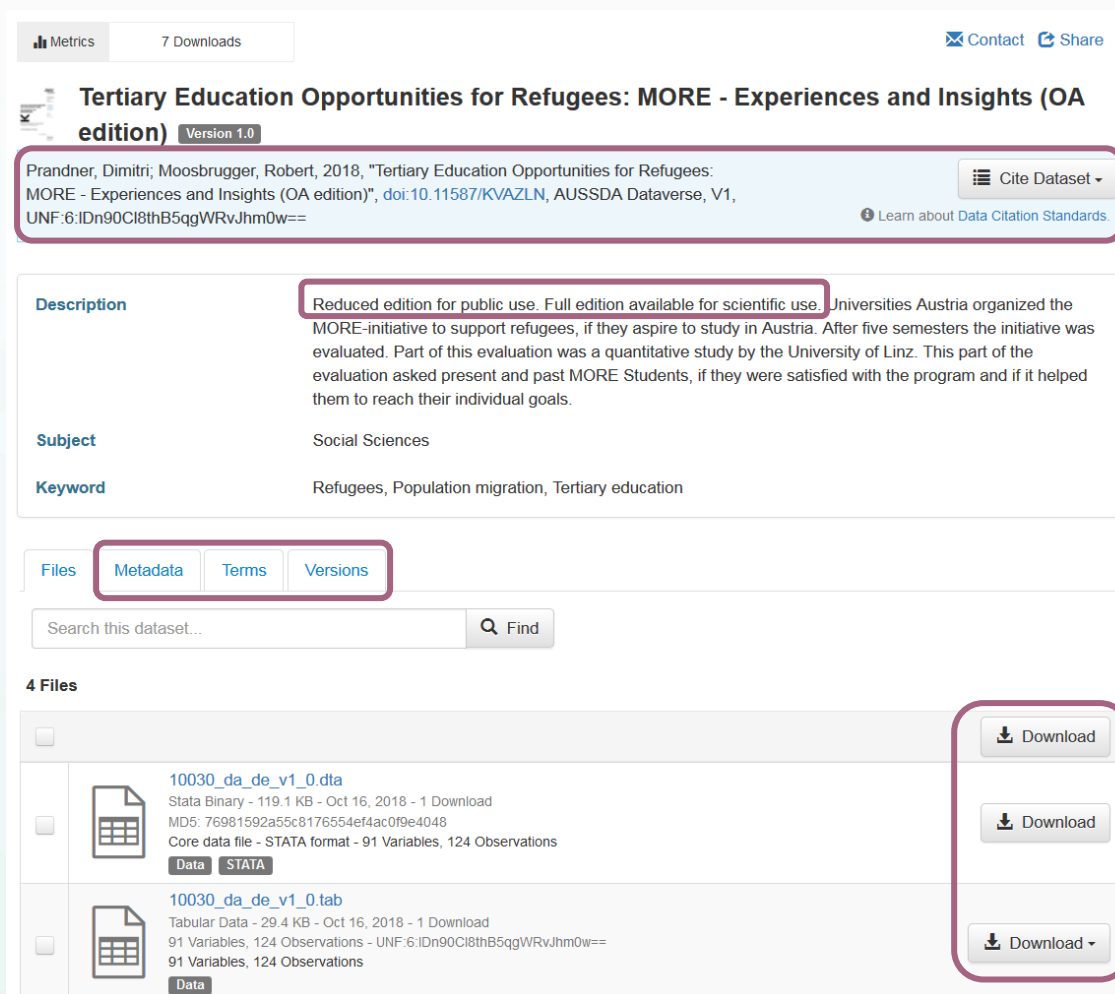
- R1. Meta(data) are richly described with a plurality of accurate and relevant attributes
- R1.1. (Meta)data are released with a clear and accessible data usage license
- R1.2. (Meta)data are associated with detailed provenance
- R1.3. (Meta)data meet domain-relevant community standards

Some answers to reusability

How to cite
& methods reports
R1.2

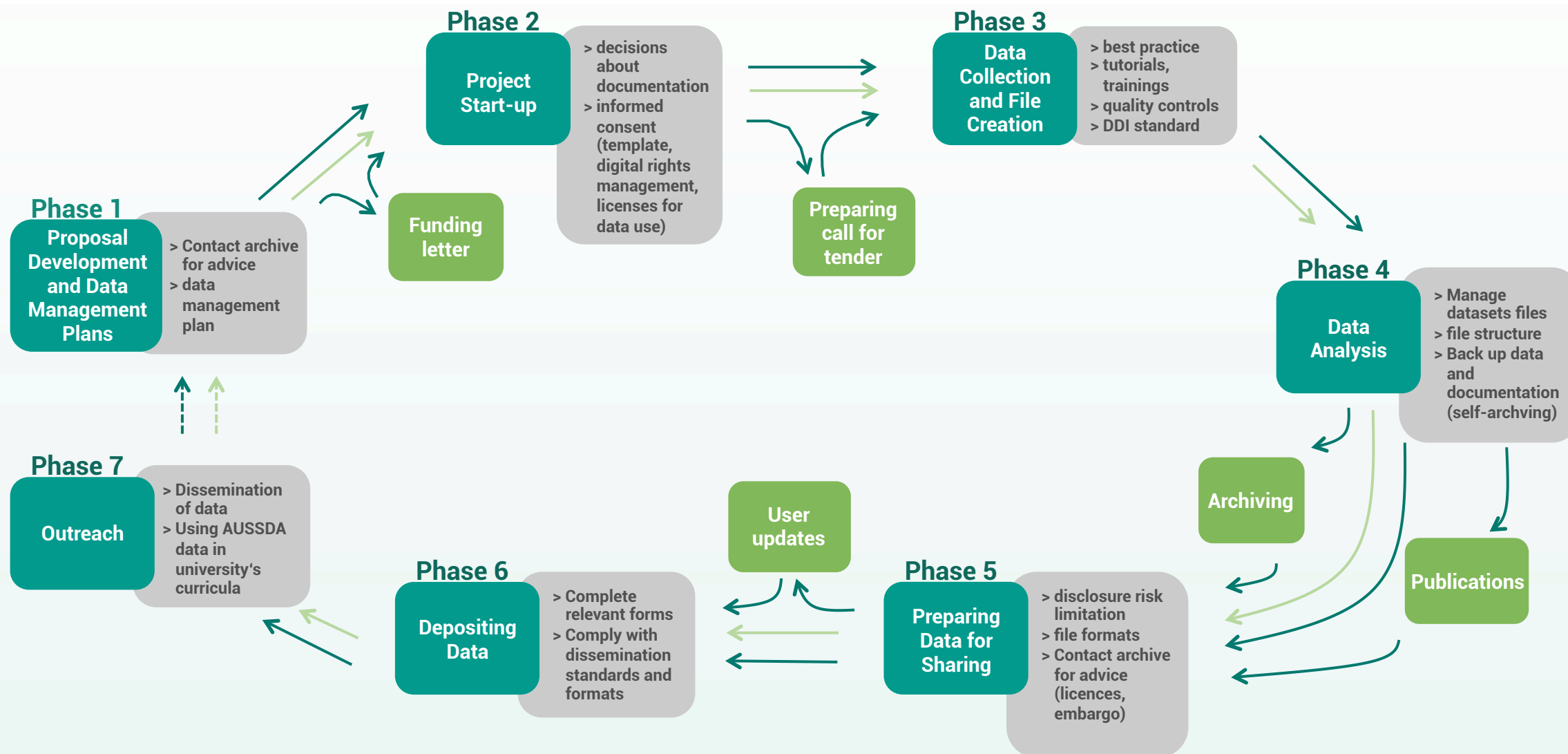
Use of CESSDA metadata
model relevant to the social
sciences
R1, R1.3

License terms for all files
Metadata marked as CC0
R1.1



The screenshot shows the dataset page for 'Tertiary Education Opportunities for Refugees: MORE - Experiences and Insights (OA edition)' (Version 1.0). The page includes a citation box with the following text: 'Prandner, Dimitri; Moosbrugger, Robert, 2018, "Tertiary Education Opportunities for Refugees: MORE - Experiences and Insights (OA edition)", doi:10.11587/KVAZLN, AUSSDA Dataverse, V1, UNF:6:IDn90CI8thB5qgWRvJhm0w=='. The description section states: 'Reduced edition for public use. Full edition available for scientific use. Universities Austria organized the MORE-initiative to support refugees, if they aspire to study in Austria. After five semesters the initiative was evaluated. Part of this evaluation was a quantitative study by the University of Linz. This part of the evaluation asked present and past MORE Students, if they were satisfied with the program and if it helped them to reach their individual goals.' The subject is 'Social Sciences' and the keyword is 'Refugees, Population migration, Tertiary education'. The page also shows a search bar and a list of 4 files, including '10030_da_de_v1_0.dta' and '10030_da_de_v1_0.tab', each with a download button.

Use of controlled
vocabularies in metadata



Thank you.

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@TheAUSSDA #AUSSDA

AUSSDA in German: https://youtu.be/Y_IKvkCUHuU

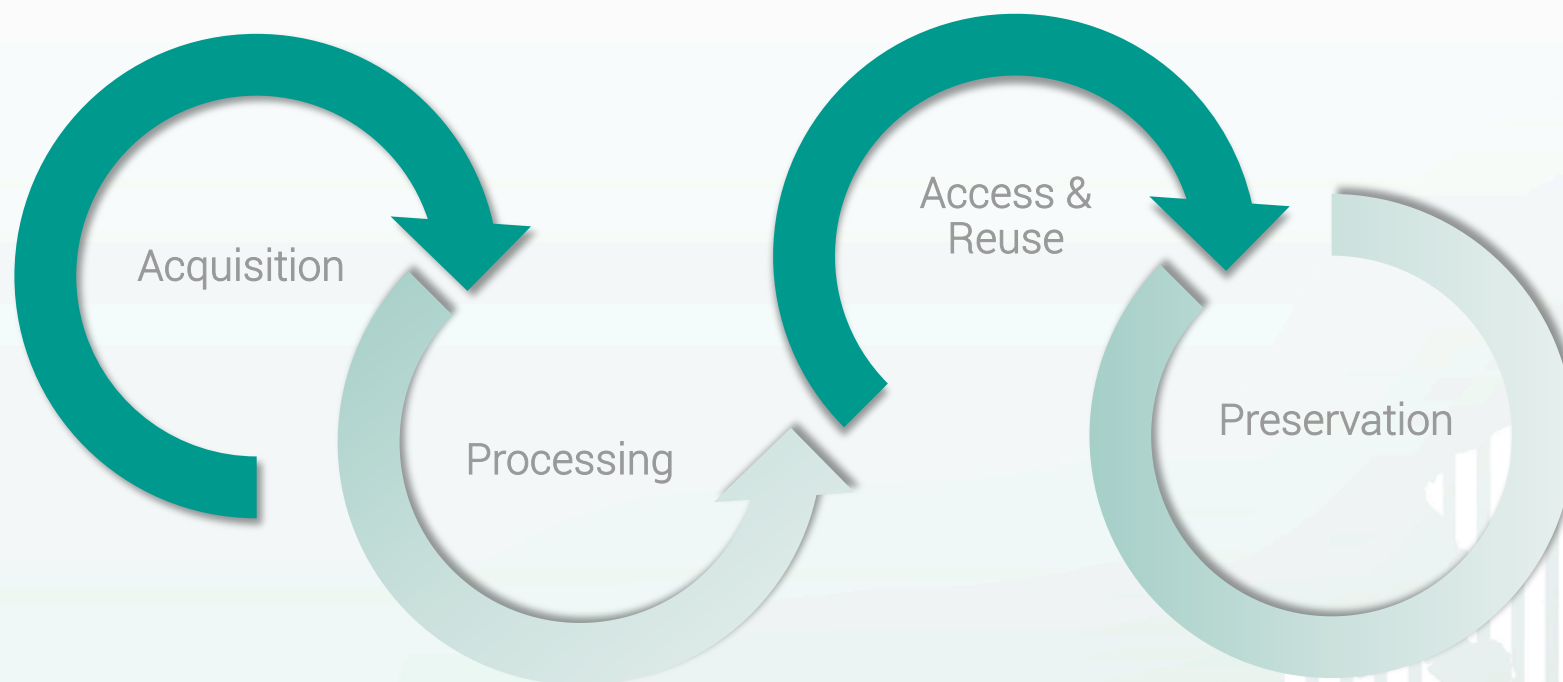
AUSSDA in English: <https://youtu.be/Ymky27wVGsl>



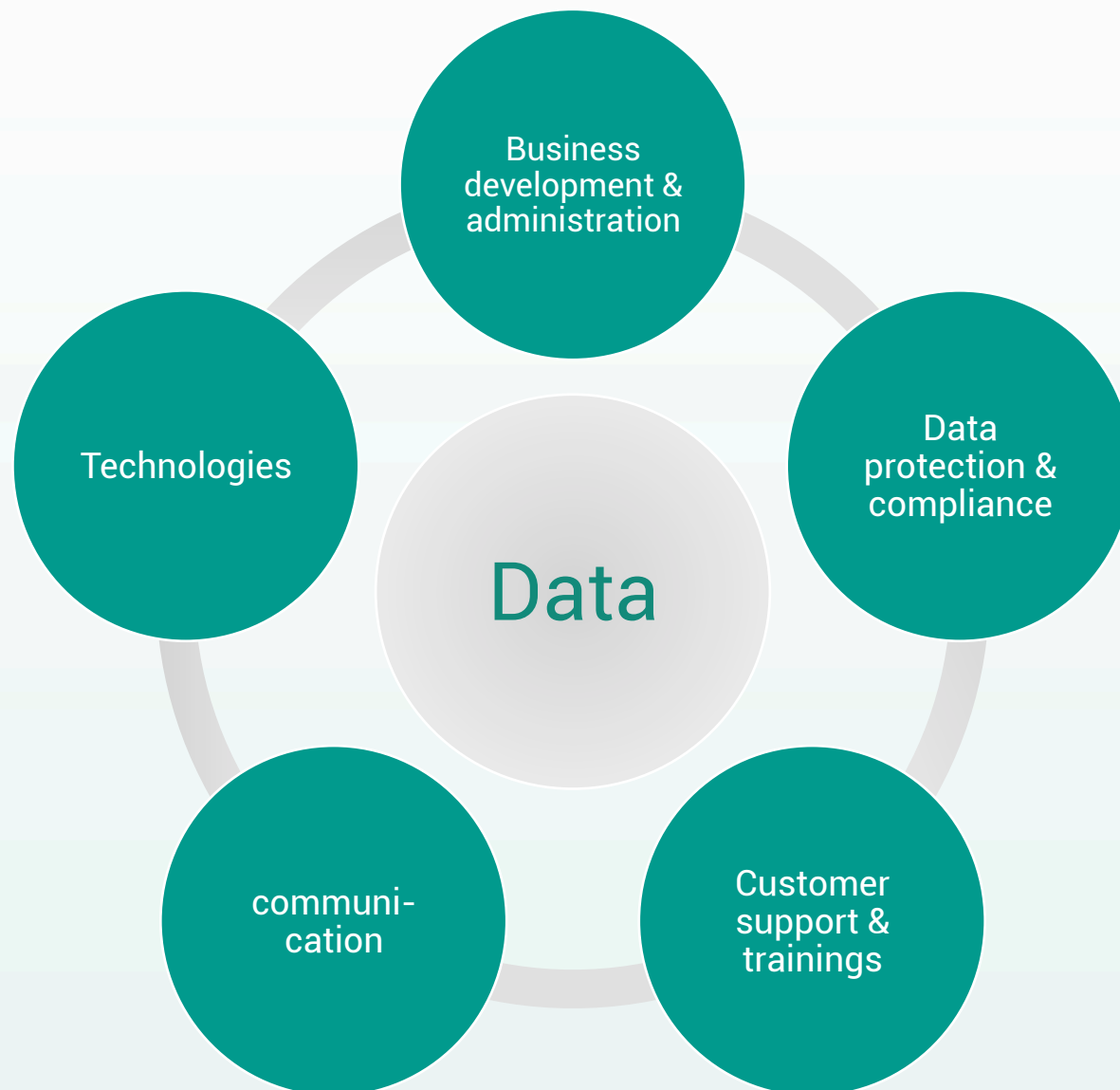
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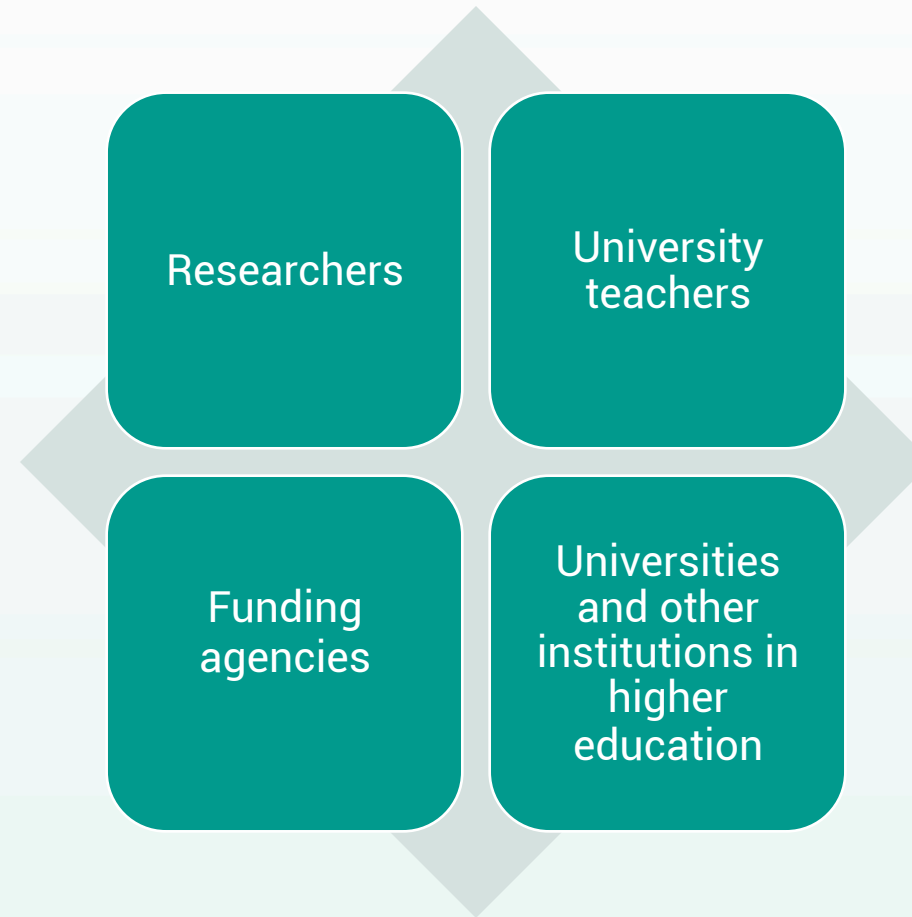
From data in to data out



Support structure



AUSSDA is currently focusing on the following target groups



Other target groups can be addressed in projects, e.g., citizen science

A wide network of support in Austria

- 🏠 Alpen-Adria-Universität Klagenfurt
- 🏠 Bundesministerium für Wissenschaft, Forschung und Wirtschaft (BMWFW)
- 🏠 Forschungsförderungsgesellschaft (FFG)
- 🏠 Institut für Höhere Studien (IHS)
- 🏠 Johannes Kepler Universität Linz
- 🏠 Karl-Franzens-Universität Graz
- 🏠 Leopold-Franzens-Universität Innsbruck
- 🏠 Österreichische Akademie der Wissenschaften (ÖAW)
- 🏠 Österreichisches Institut für Wirtschaftsforschung (WIFO)
- 🏠 Paris-Lodron-Universität Salzburg
- 🏠 Statistik Austria
- 🏠 Universität Wien
- 🏠 Wirtschaftsuniversität Wien
- 🏠 Wissenschaftsfonds (FWF)

