



**FAIRsFAIR**  
Fostering Fair Data Practices in Europe

# Certification+FAIR support workshop for data repositories

The Hague, Data Archiving and Networked Services (DANS)

Twitter: @FAIRsFAIR\_EU



## FAIRsFAIR 1st Certification Support Workshop for Data Repositories



# Welcome!



On 6/02, at @DANSKNAW premises, #FAIRsFAIR is organising the first #Datarepositories workshop to support selected #repositories on achieving the @CoreTrustSeal certification. What procedures to follow? What are the #certification requirements? Know more [fairsfair.eu/events/fairsfa...](http://fairsfair.eu/events/fairsfa...)

# Workshop organizers



# Workshop participants, representatives from:

[Apollo - United Kingdom](#)

[DaSCH \(Data and Service Center for the Humanities\) - Switzerland](#)

[DASS-BiH \(Data Archive for Social Sciences & The Humanities in Bosnia & Herzegovina\) - Bosnia & Herzegovina](#)

[DASSH - The Archive for Marine Species and Habitats Data - United Kingdom](#)

[ESRF Data Repository - France](#)

[IAGOS Data Center - France](#)

[ICOS Data Portal - Sweden](#)

[The Movebank Data Repository - Germany](#)

[SOCIB \(Balearic Islands Coastal Ocean Observing and Forecasting System Data Repository\) Spain](#)

[Tárki Data Archive - Hungary](#)



# What do you expect to take home from this 1st Certification Support workshop?

“Enough knowledge to put in place our internal **roadmap** for CoreTrustSeal accreditation.”

“A clearer understanding of the **requirements.**”



“A clear idea of what COreTrustSeal means by FAIR-compliant”

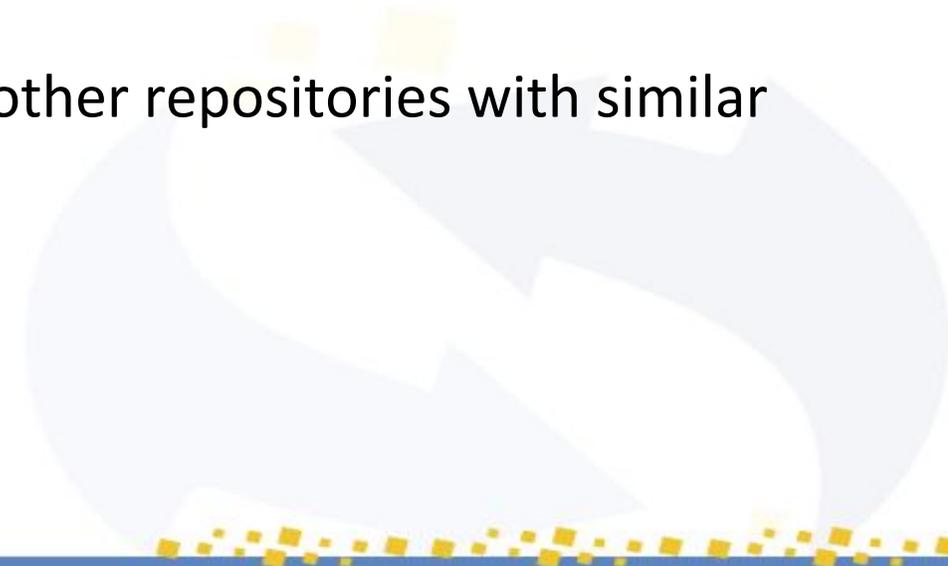
“....get back ideas about how to improve or better implement the **fair principles** in our repository.”

“Also **learning from others**; what is their viewpoint? What are examples of bottlenecks/thresholds for those that did already an application?”

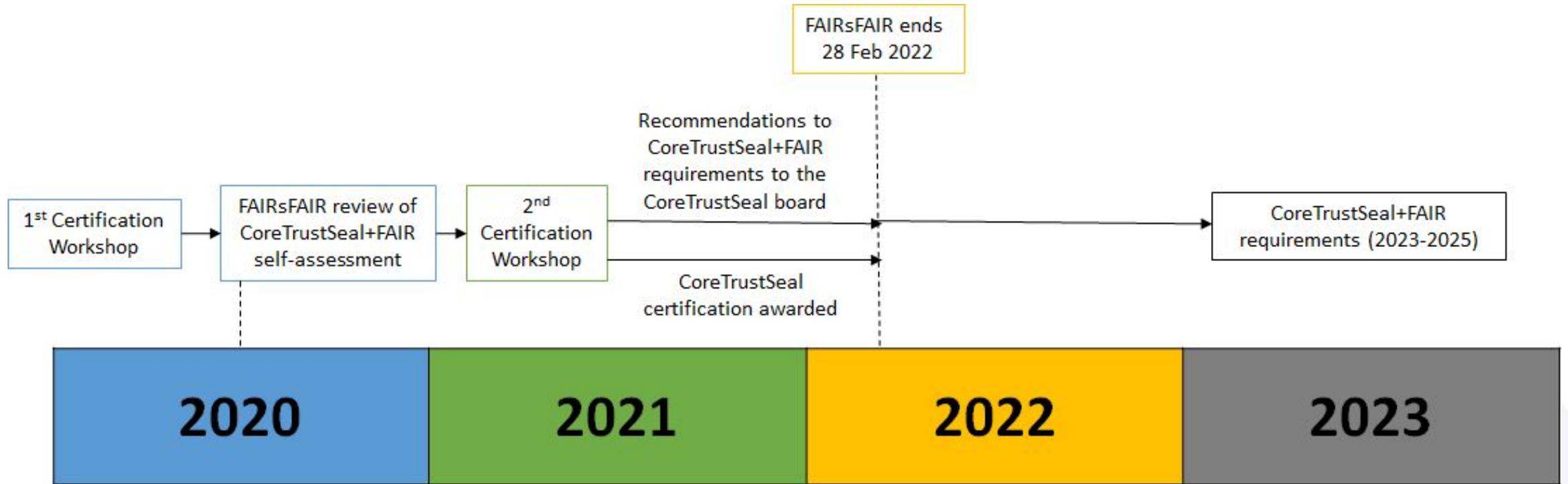
# This workshop starts the journey towards...



- ❖ A support programme for CoreTrustSeal 2020-2022
- ❖ Sharing your repository practices; how they enable FAIR data
- ❖ Contributing to the Community review of CoreTrustSeal (2022): will take into account FAIR-elaboration of repository certification requirements (CoreTrustSeal+FAIR)
- ❖ peer-community support: helpful connections to other repositories with similar challenges
- ❖ Ready for CoreTrustSeal+FAIR 2023-2025!



# CoreTrustSeal Meets FAIR Timeline



# Assessment work in FAIRsFAIR

- Evaluation and certification of **repositories enabling FAIR data**
- Evaluation and certification of **FAIR data objects** within a repository
- wider range of standard/assessment expectations, e.g. on services and software
- other initiatives that might be set for involvement in the EOSC

The **FAIRsFAIR-project** aims to supply practical solutions for the use of FAIR data principles

March 2019 – Feb 2022

22 partners

6 core partners DANS (coordinator), CSC, DCC, TrustIT, STFC, EUA

[www.fairsfair.eu](http://www.fairsfair.eu)

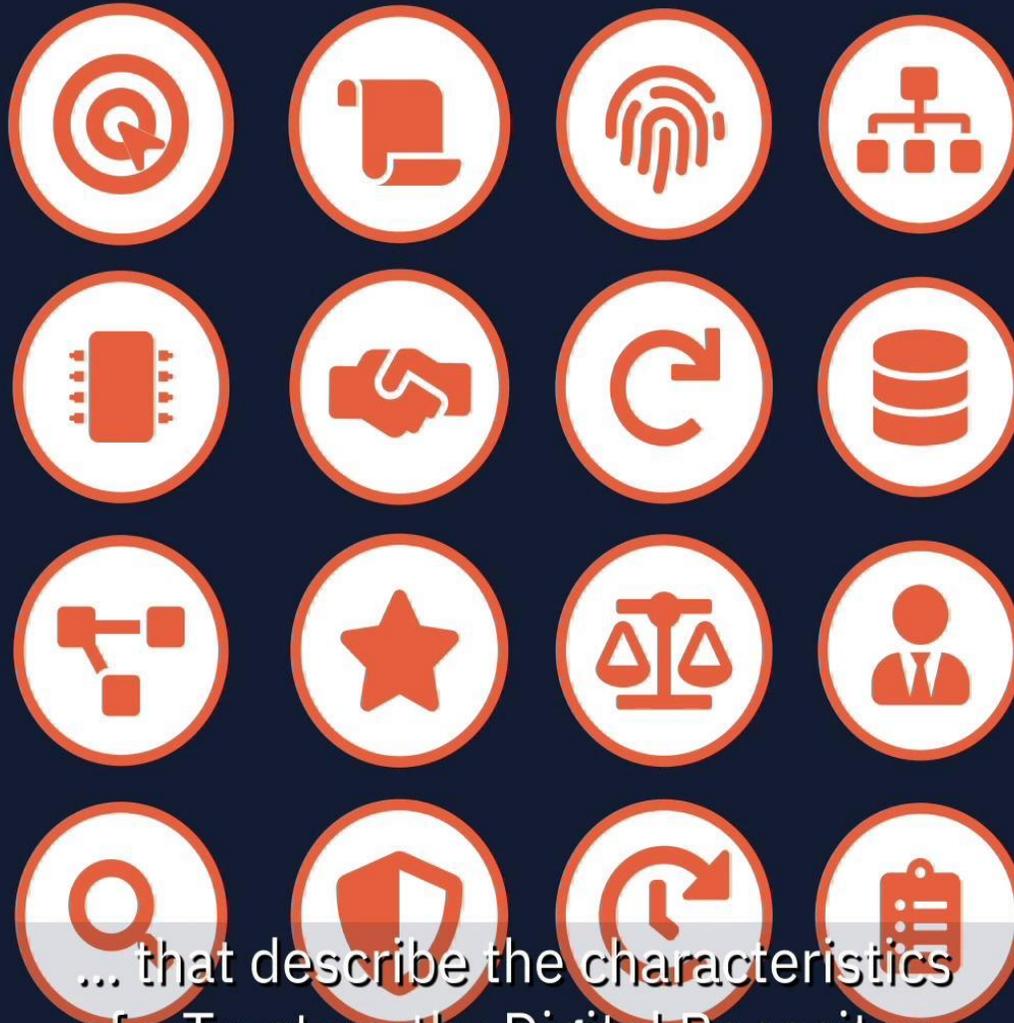
@FAIRsFAIR\_EU



# CoreTrustSeal in a NUTSHELL

Presenter: *Mustapha Mokrane (DANS)*





... that describe the characteristics  
of a Trustworthy Digital Repository.

Click the play button for a short video on CoreTrustSeal Trusted Digital Repositories and FAIR.

The video is licensed under a Creative Commons Attribution 4.0 International License.

The material is made by Elliott Walker, Yes Ditsen de Jong, Kent de Bruin and Niovi Dimitra Chatzipoufli as part of a cooperation project between the Master Digital Design of the Amsterdam University of Applied Sciences and DANS (Data Archiving and Networked Services).

October 2019.

## CoreTrustSeal Objective

**Universal** framework for the **certification** of **data repositories** at the **core level** to support **long-term access** to **reusable data**.

- Gives **data producers assurance** that data are preserved and remain reusable in the future;
- Provides **funding bodies confidence** that investments are maximized;
- Enables **data consumers to choose** the repositories where data are held;
- Supports **repositories improve processes** for efficient data archiving and distribution.

# Core Requirements: history

Five criteria to determine whether digital data are sustainably archived:

- I. Data can be **found** on the web
- II. Data are **accessible**, within limits of IPR and personal data legislation
- III. Data are available in a **usable** format
- IV. Data are **reliable**
- V. Data can be **referred** to (with a persistent identifier)



L'Hours, H., Kleemola, M. and de Leeuw, L. (2019) "CoreTrustSeal: From academic collaboration to sustainable services", IASSIST Quarterly, 43(1), pp. 1-17. <https://www.doi.org/10.29173/iq936>

# Core Requirements: foundation

## OAIS Reference Model

Built on the basis of the Open Archival Information System reference model

+

## Designated Community

Preserving data accessibility and understandability for a 'designated community'

+

## Community-driven

sharing of expertise and effort for certification

## Core Trustworthy Data Repositories Requirements

Reflect the characteristics of trustworthy repositories.

# Core Requirements: Stakeholders

1	<b>Data producer</b>	<ul style="list-style-type: none"><li>• research integrity</li><li>• formats</li><li>• documentation</li></ul>
2	<b>Data consumers</b>	<ul style="list-style-type: none"><li>• terms of use</li><li>• licences</li><li>• citation</li></ul>
3	<b>Data Repositories</b>	<ul style="list-style-type: none"><li>• quality of storage</li><li>• organisational processes</li><li>• technical infrastructure</li><li>• along term availability</li></ul>



# The 16 Requirements

## Categories:

Background information (R0)

1. Organizational infrastructure (R1-6)

2. Digital object management (R7-14)

3. Technology and security (R15-16)

Applicant feedback

DOI: 10.5281/zenodo.667809

2019-07 CoreTrustSeal Draft Requirements 2020–2022 v00.01



### Core Trustworthy Data Repositories Requirements

#### Background & General Guidance

The *Core Trustworthy Data Repositories Requirements* describe the characteristics of trustworthy repositories. All Requirements are mandatory and evaluated as standalone items. Although some overlap is unavoidable, duplication of evidence sought for each Requirement has been kept to a minimum. The options in checklists (e.g., repository type and curation level) are not considered to be comprehensive and may be refined in the future. Applicants are encouraged to add 'other' options.

Each Requirement is accompanied by Guidance text describing the information and evidence that applicants must provide to enable an objective review.

The applicant must indicate a compliance level for each of the Requirements:

0 – Not applicable  
1 – The repository has not considered this yet  
2 – The repository has a theoretical concept  
3 – The repository is in the implementation phase  
4 – The guideline has been fully implemented in the repository

Compliance levels are an indicator of the applicant's self-assessed progress, but reviewers judge compliance against response statements and supporting evidence. If an applicant believes a Requirement is not applicable (0), then this must be justified in detail. Compliance Levels of 1 or 2 are not sufficient for a successful application. Certification may be granted if some Requirements are in the implementation phase (3).

Responses statements provided by applicants should include links to supporting evidence online. As the core certification process does not include a site visit by an auditor, such publically available evidence provides transparent assurance of good practice. URL links should be verified immediately before submitting applications.

All responses must be in English. Although attempts will be made to match reviewers to applicants in terms of language and discipline, this is not always possible. Full translations of evidence are not required, but if non-English evidence is provided, then an English summary must be included in the response statement.

No sensitive information disclosure is required to acquire the CoreTrustSeal, but provisions are made within the certification process for repositories that want to share evidence materials also containing confidential information.

The CoreTrustSeal is valid for three years from the date it is awarded. Though repository systems and capabilities evolve continuously according to technology and user needs, they might not undergo major changes in this timeframe. An organization with well-managed business processes and records should be able to reapply with minimal revisions after three years unless:

- The organization, its data collection, or Designated Community has changed significantly.
- The CoreTrustSeal Requirements have been updated in ways that impact the applicant.

The CoreTrustSeal Requirements are subject to review and revision every three years. This does not affect a successful applicant until they seek renewal.

#### Glossary of Terms

Please refer to the Core Trustworthy Data Repositories Requirements Glossary: <https://goo.gl/rQK5RN>

1

# CoreTrustSeal Requirements

## Background information

**R0.** Please provide **context** for your organization (repository type, designated community, level of curation...)

## Organizational infrastructure

- R1.** The repository has an **explicit mission** to provide access to and preserve data in its domain.
- R2.** The repository maintains all applicable **licenses** covering data access and use and monitors compliance.
- R3.** The repository has a **continuity plan** to ensure ongoing access to and preservation of its holdings.
- R4.** The repository ensures, to the extent possible, that data are created, curated, accessed, and used in compliance with **disciplinary and ethical norms**.
- R5.** The repository has **adequate funding** and sufficient numbers of **qualified staff** managed through a clear system of governance to effectively carry out the mission.
- R6.** The repository adopts mechanism(s) to secure ongoing **expert guidance** and feedback (either in-house, or external, including scientific guidance, if relevant).

# CoreTrustSeal Requirements

## Digital object management

**R7.** The repository guarantees the **integrity and authenticity** of the data.

**R8.** The repository accepts data and metadata based on **defined criteria to ensure relevance and understandability** for data users.

**R9.** The repository applies **documented processes and procedures** in managing archival storage of the data.

**R10.** The repository assumes responsibility **for long-term preservation** and manages this function in a planned and documented way.

**R11.** The repository has appropriate expertise to **address technical data and metadata quality** and ensures that sufficient information is available for end users to make quality-related evaluations.

**R12.** Archiving takes place according **to defined workflows** from ingest to dissemination.

**R13.** The repository enables users to **discover the data** and **refer to them in a persistent way** through proper citation.

**R14.** The repository enables reuse of the data over time, ensuring that **appropriate metadata** are available to support the understanding and use of the data.

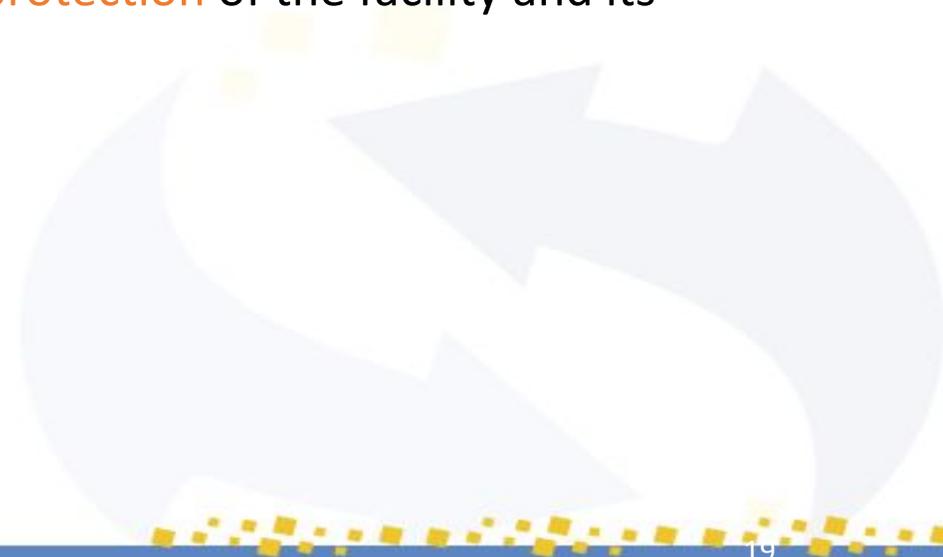
# CoreTrustSeal Requirements

## Technology and security

**R15.** The repository functions on **well-supported operating systems and other core infrastructural software** and is using hardware and software technologies appropriate to the services it provides to its Designated Community.

**R16.** The technical infrastructure of the repository provides for **protection** of the facility and its data, products, services, and users.

## Applicant feedback



# Compliance level

Applicant indicate a compliance level for each requirement:

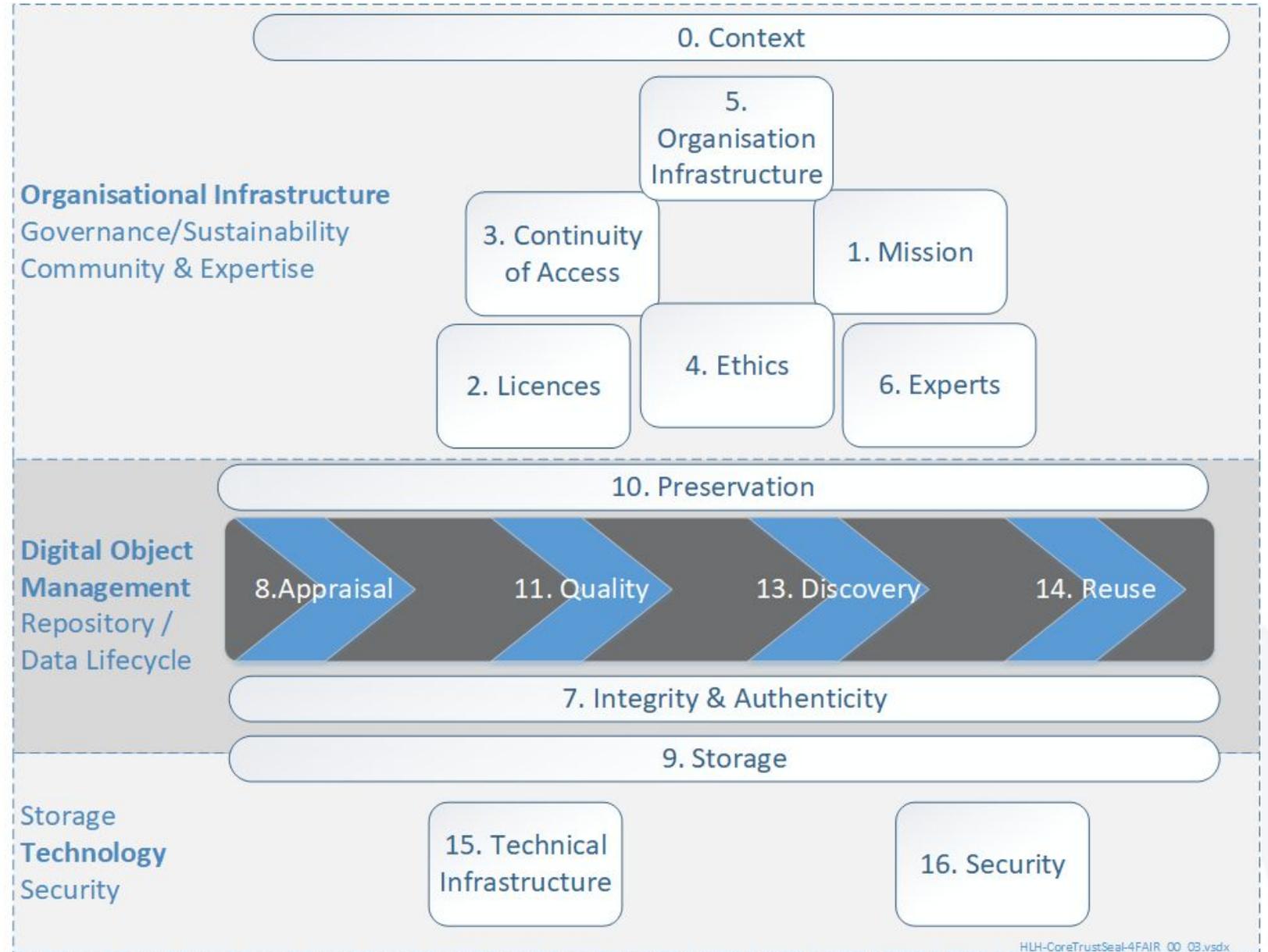
- 0 – Not applicable
- 1 – The repository has not considered this yet
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- 3 – The repository is in the implementation phase
- 4 – The guideline has been fully implemented in the repository

# FAIR - CoreTrustSeal - Maturity

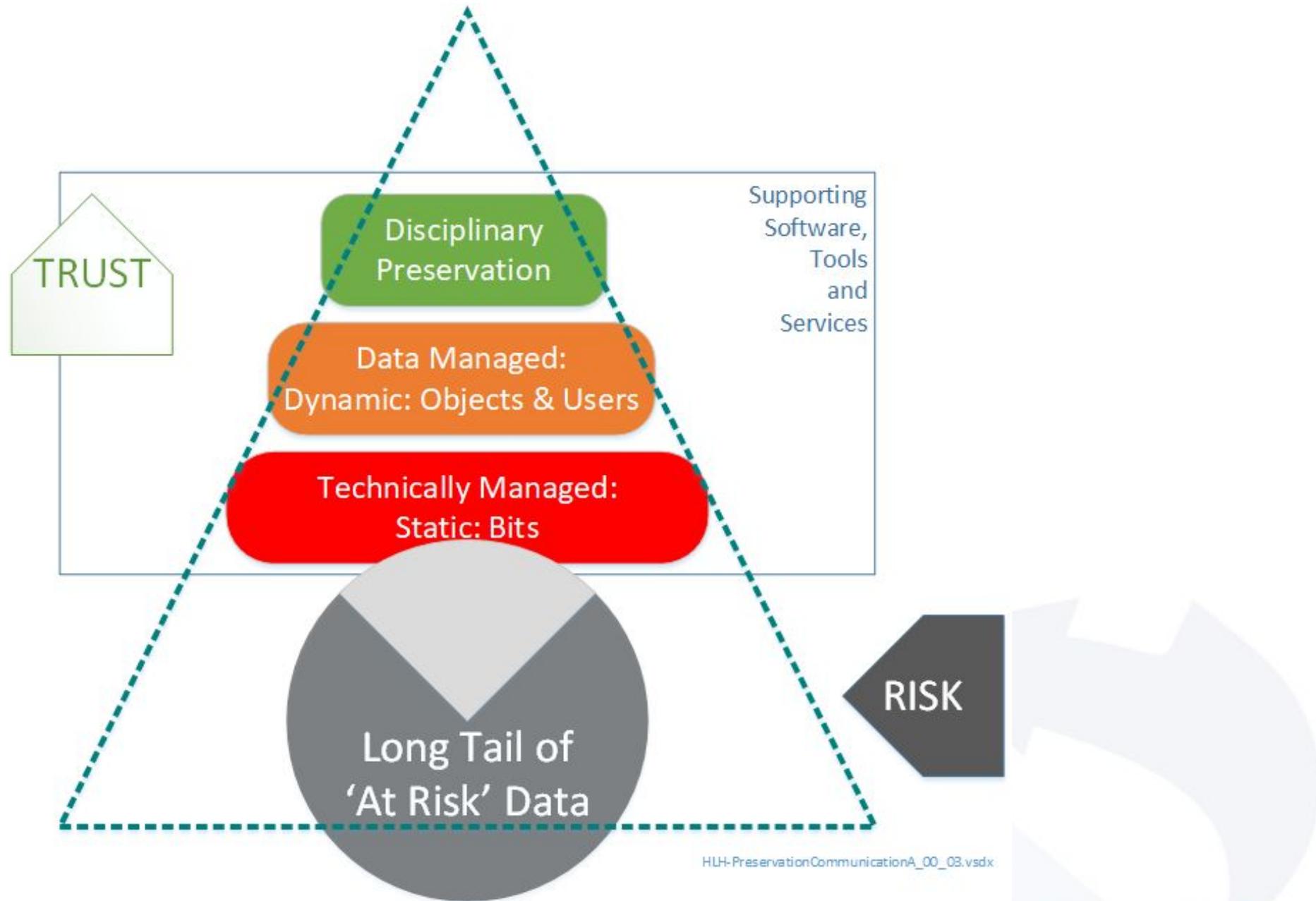
Presenters: *Hervé L'Hours (UKDA) & Anusuriya Devaraju (PANGAEA)*



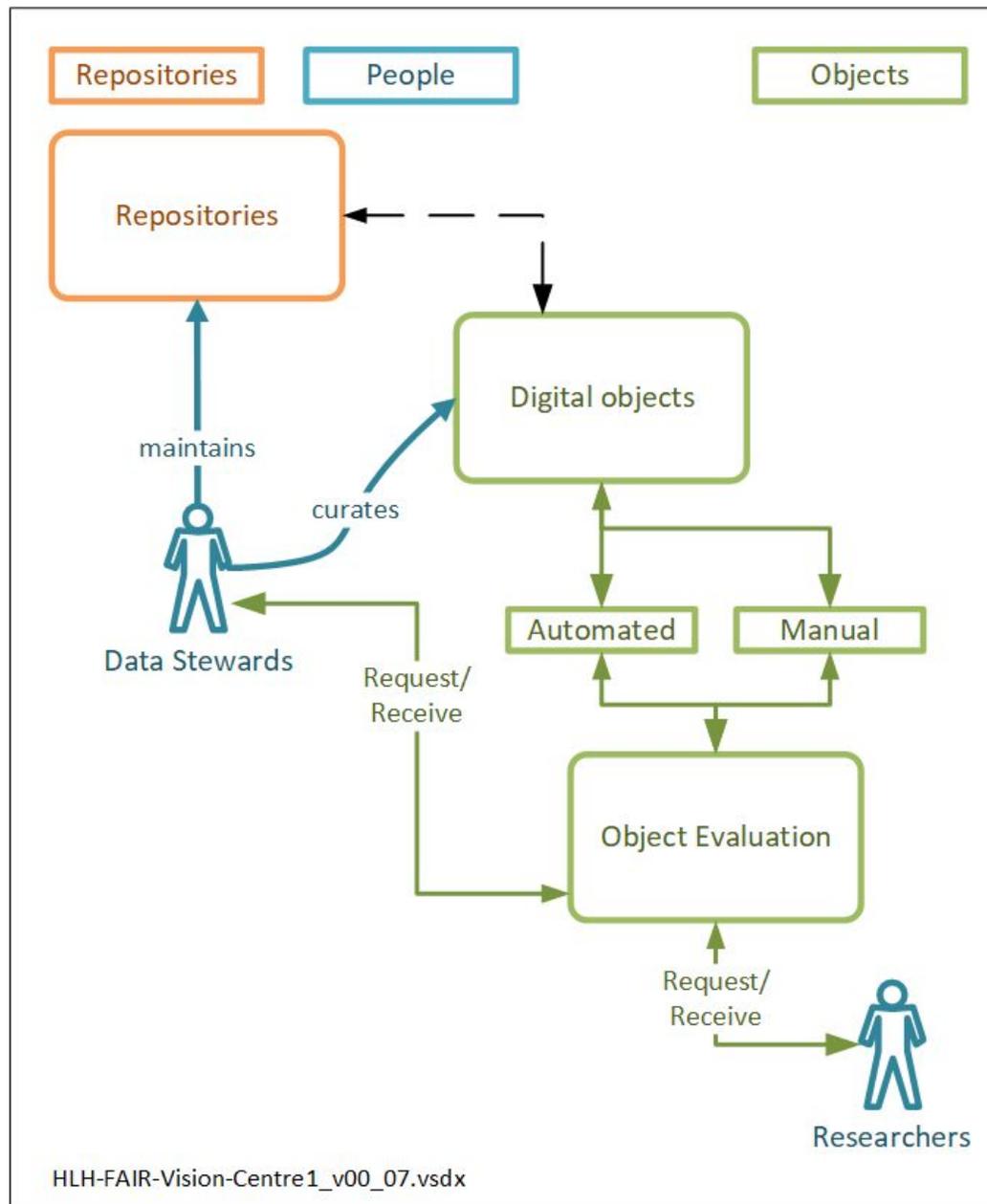
# CoreTrustSeal



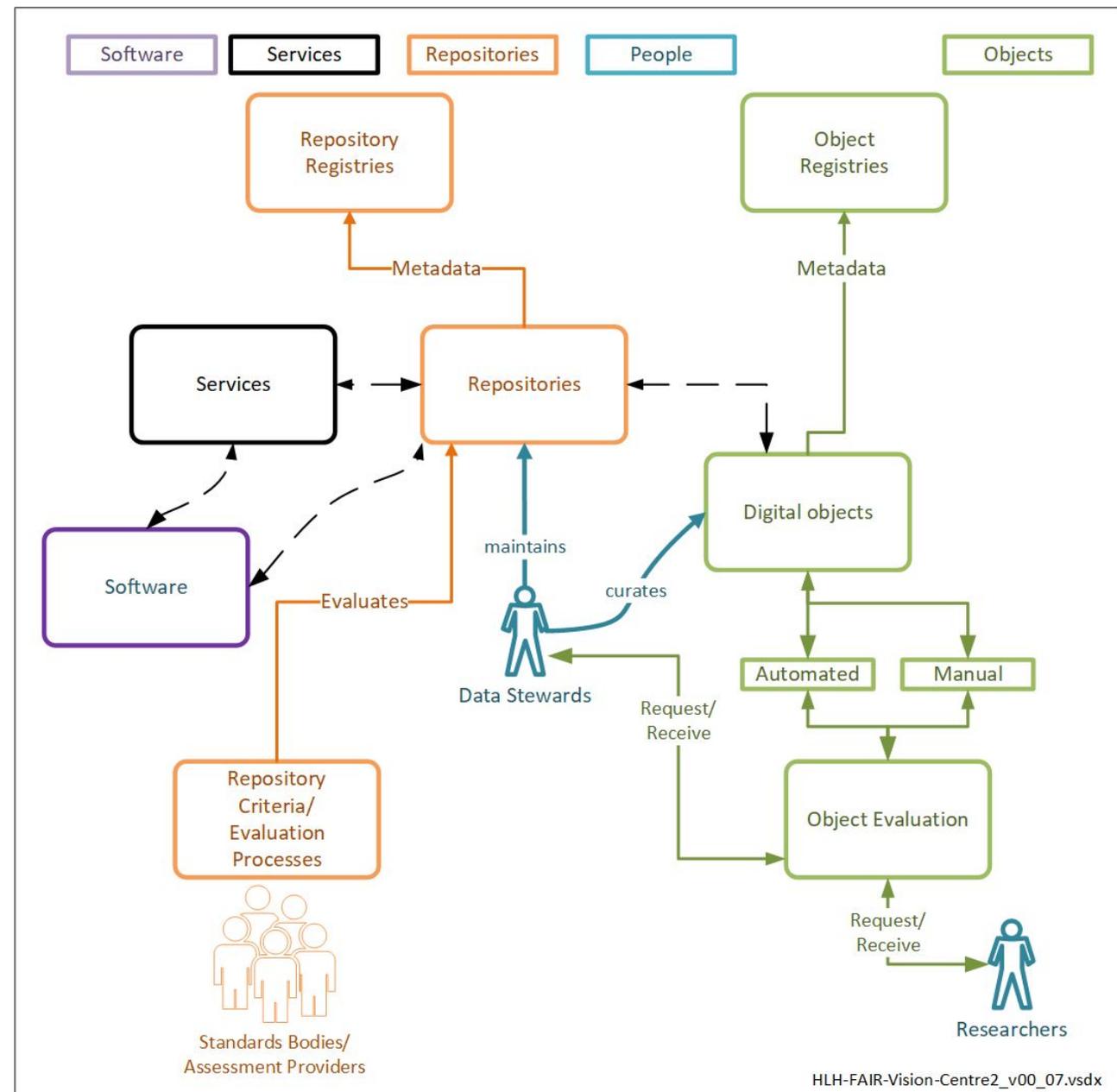
# Tiers



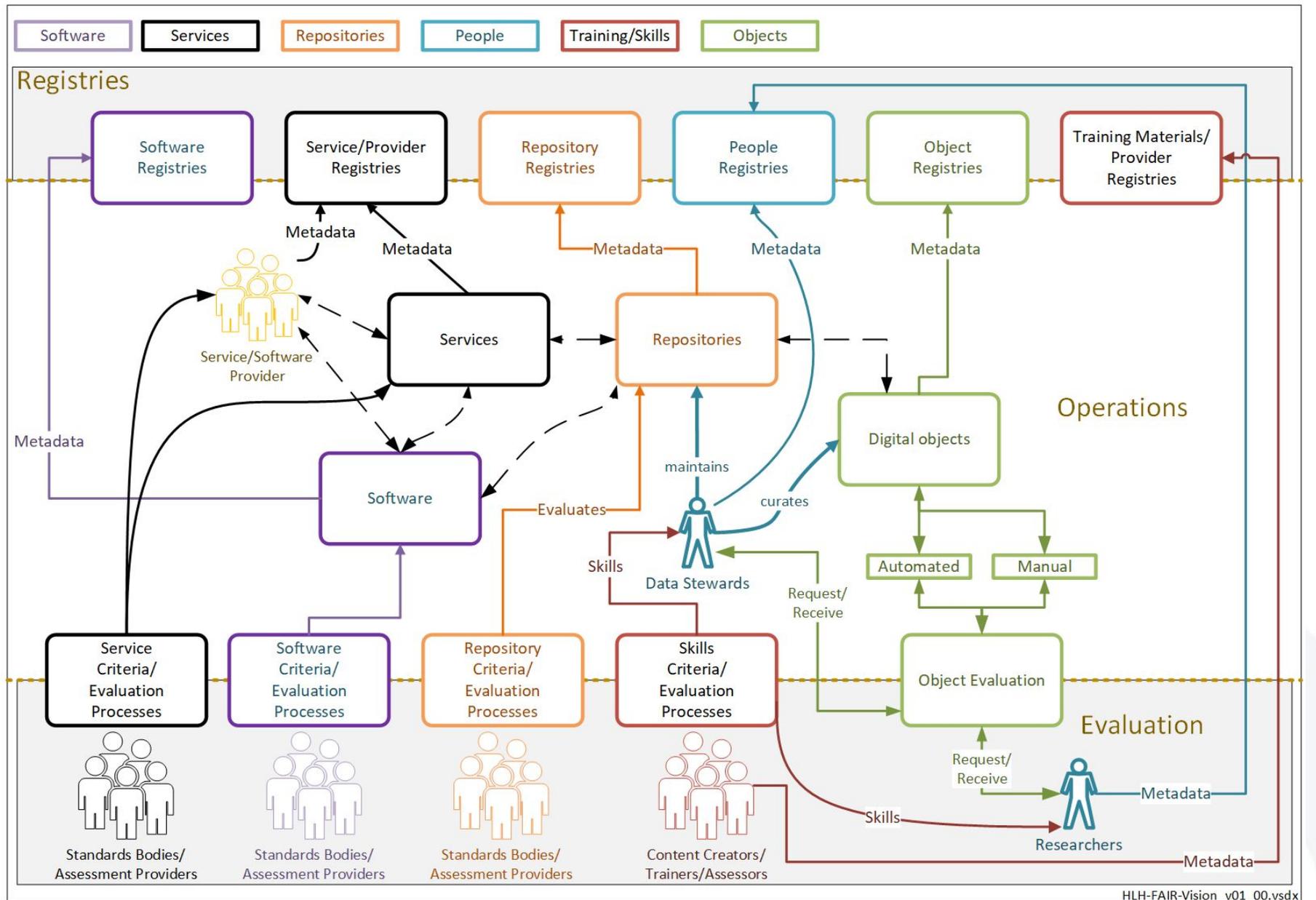
# Initial Focus



# Wider Context

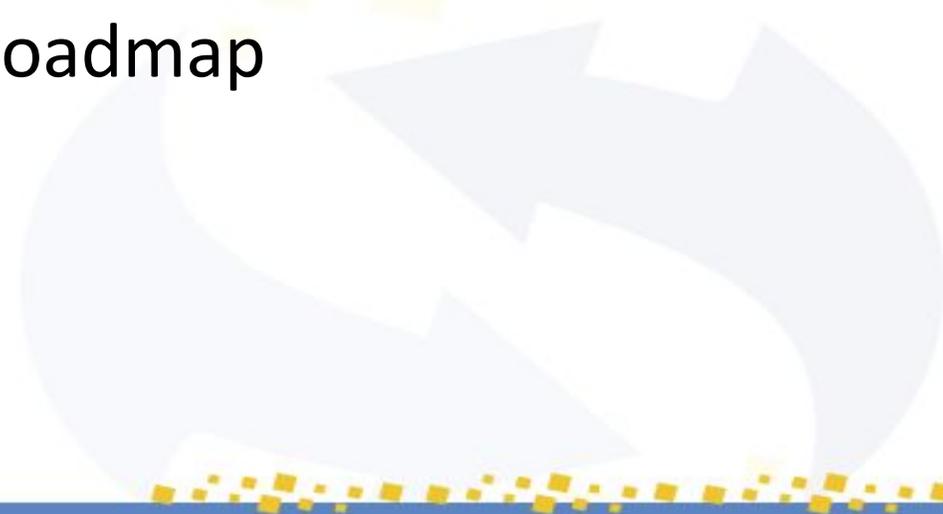


# Big Picture

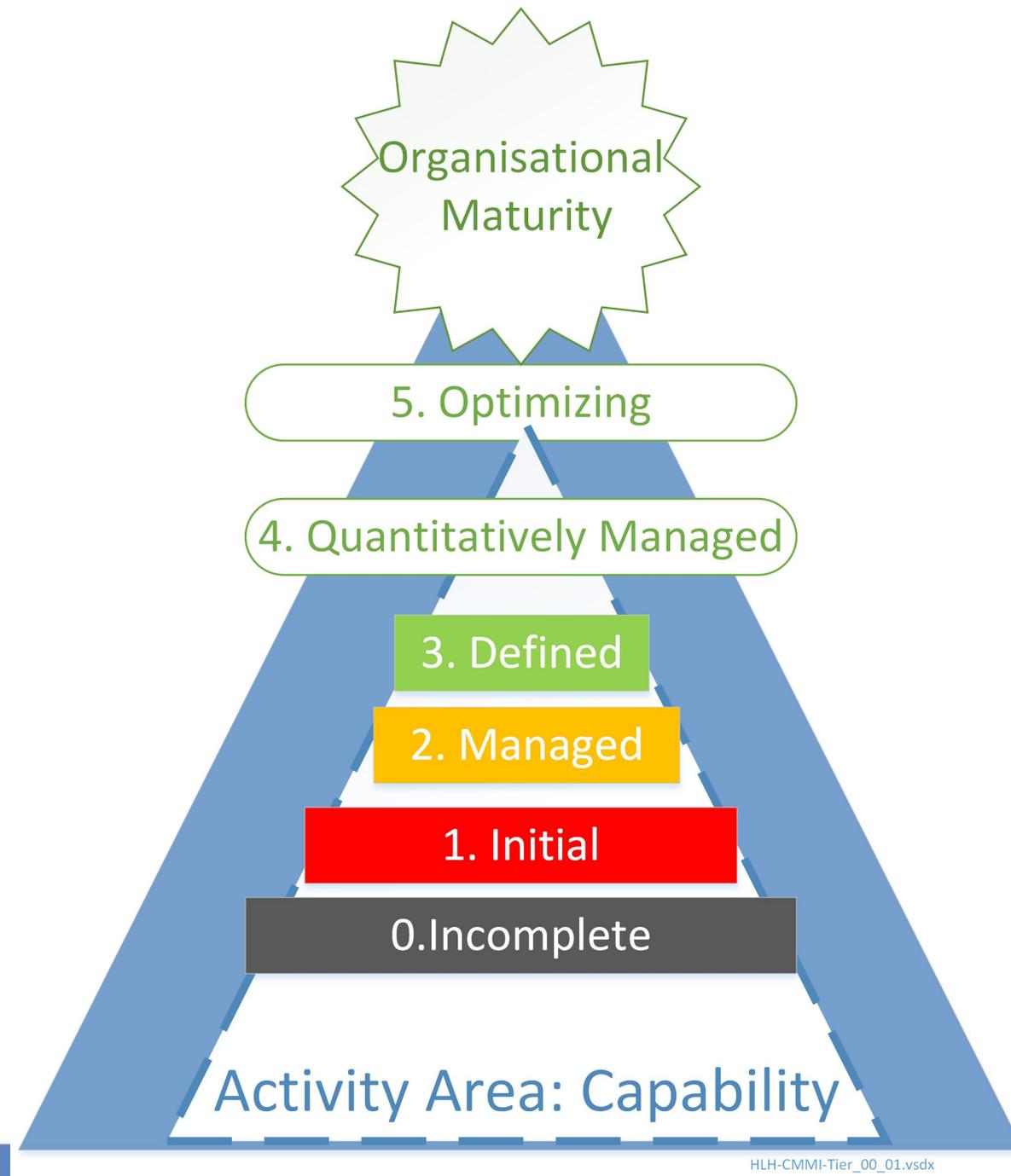


## Objects Vs Enablers

- F. A. I and R not news to repositories
- FAIR for Objects not fully defined
- FAIR enabling for repositories evolves in parallel
- Outcomes & Score: Pass/Fail vs Benchmark & Progress
- Maturity: Current State, Desired State, Roadmap
- Context is key



# Maturity



## Maturity & FAIR

- Activity at 1, 2 or 3 (initial, managed, defined)
- Levels: 4 (quantitatively managed) and 5 (optimising) support/depend on...
  - overall organisational maturity
- Aligned with repository practices that...
  - enable FAIR Principles for objects.



# Global FAIR vs FAIR in Context



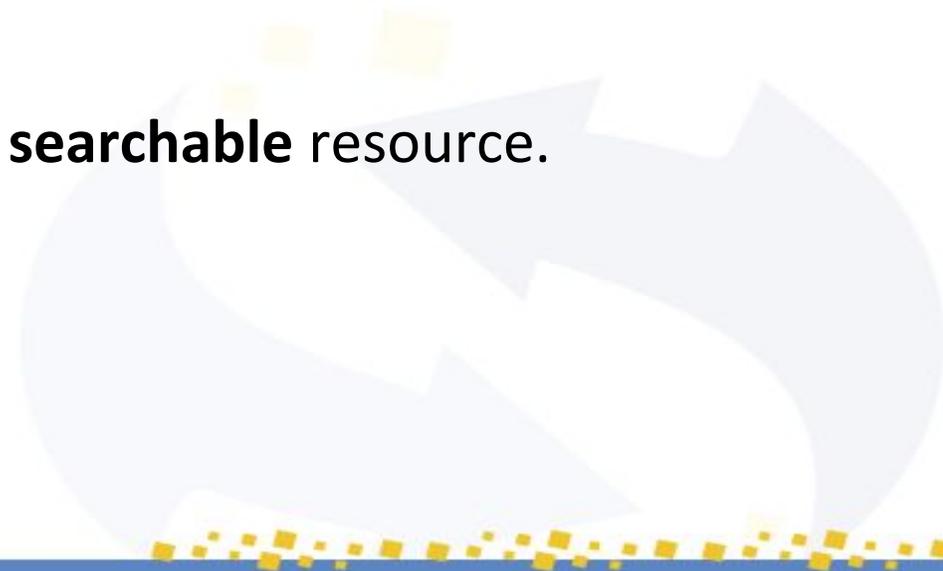
# CoreTrustSeal-FAIR mapping



# FAIR to CoreTrustSeal

## Findable

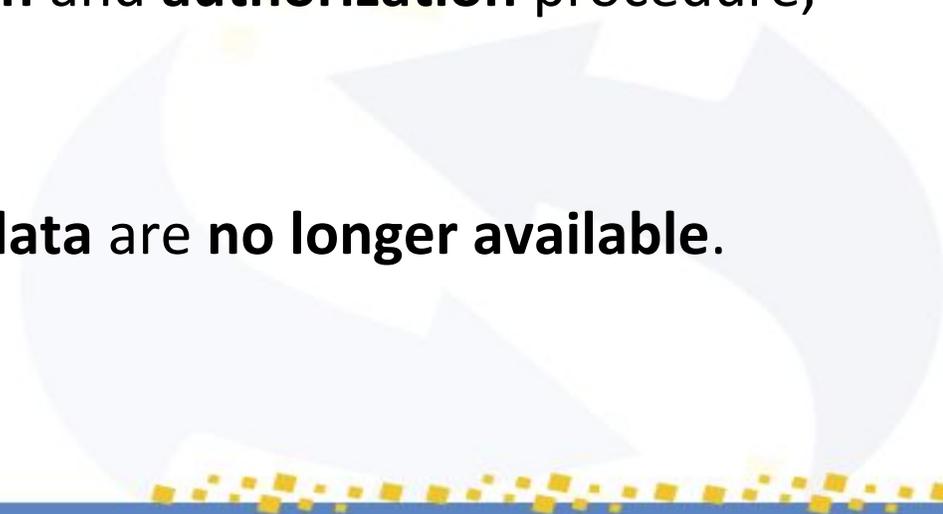
- F1. (meta)data: globally unique and eternally **persistent identifier**.
  - R13. Data discovery and identification
- F2. data are described with **rich metadata**.
  - R13. Data discovery and identification
- F3. **metadata specify the data identifier**.
  - R13. Data discovery and identification
- F4. (meta)data are **registered** or **indexed** in a **searchable** resource.
  - R15. Technical infrastructure



# FAIR to CoreTrustSeal

## Accessible

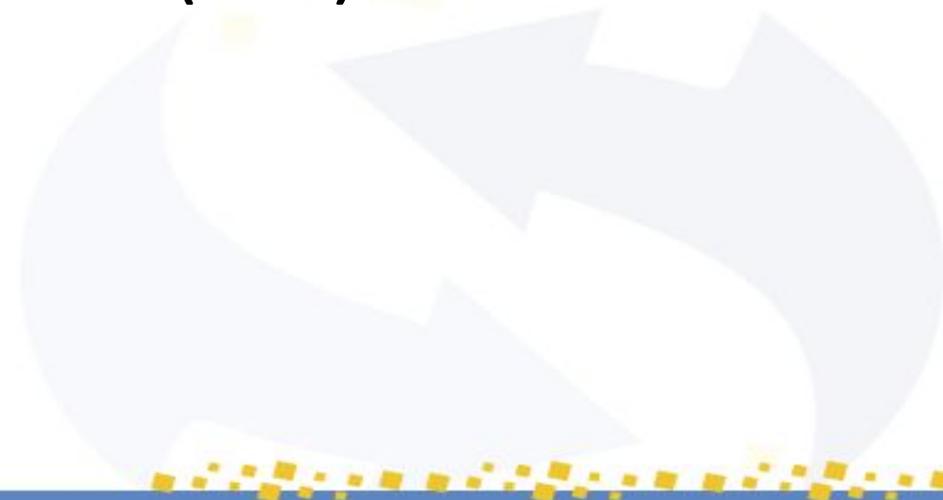
- A1 (meta)data are **retrievable** by their identifier using a **standardized communications protocol**.
  - R15. Technical infrastructure
- A1.1 the **protocol** is **open**, free, and universally implementable.
  - R15. Technical infrastructure
- A1.2 the **protocol** allows for an **authentication** and **authorization** procedure, where necessary.
  - R16. Security
- A2 **metadata** are accessible, even **when the data are no longer available**.
  - R10. Preservation plan



# FAIR to CoreTrustSeal

## Interoperable

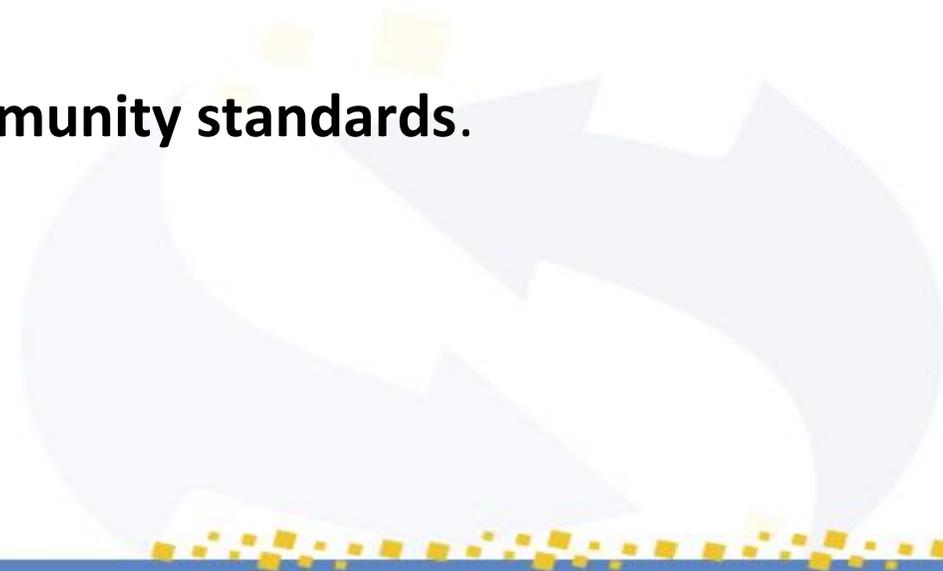
- I1. (meta)data use a formal, accessible, shared, and broadly applicable **language for knowledge representation.**
  - R15. Technical infrastructure
- I2. (meta)data use **vocabularies that follow FAIR principles.**
  - R15. Technical infrastructure (Business Information? Object Model?)
- I3. (meta)data include qualified **references to other (meta)data.**
  - R11. Data quality



# FAIR to CoreTrustSeal

## Reusable

- R1. meta(data) have a plurality of **accurate and relevant attributes**.
  - R11. Data quality
- R1.1. (meta)data are released with a clear and accessible **data usage license**.
  - R2. Licenses
- R1.2. (meta)data are associated with their **provenance**.
  - R7. Data integrity and authenticity
- R1.3. (meta)data meet **domain-relevant community standards**.
  - R15. Technical infrastructure



# FAIR Dependencies and Action Points

## Dependencies

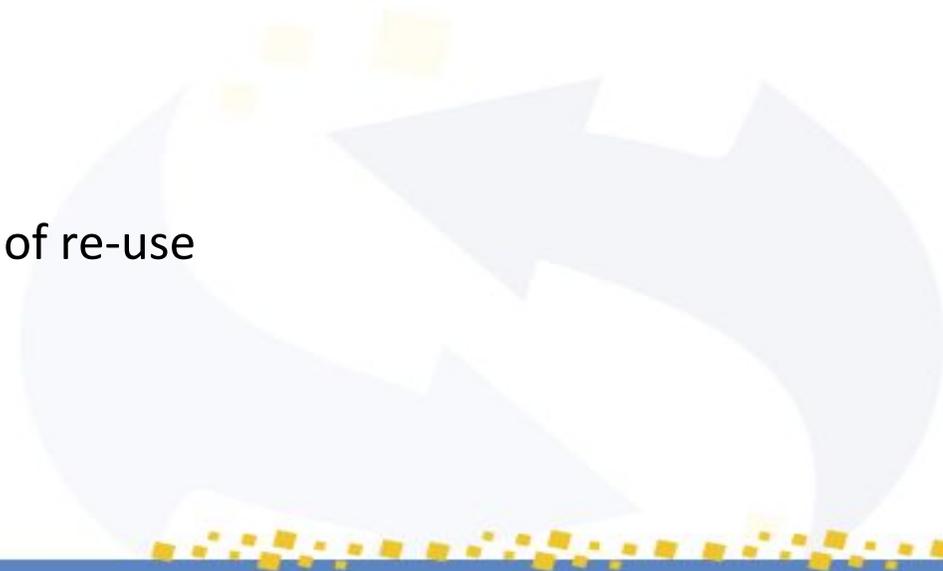
- **R1. Mission/Scope**
  - Trustworthy Digital Repository Mission Enables FAIR
  
- **R3. Continuity of access**
  - Organisational Continuity reduces Risk to FAIR Data
  
- **10. Preservation plan**
  - Preservation ensures FAIR over time



# FAIR Dependencies and Action Points

## Action

- **R8. Appraisal**
  - FAIRness Evaluated at Appraisal
  
- **R11. Data quality**
  - FAIRness Ensured through Data Quality curation measures
  
- **R14. Data reuse**
  - FAIRness assured for, and communicated at point of re-use

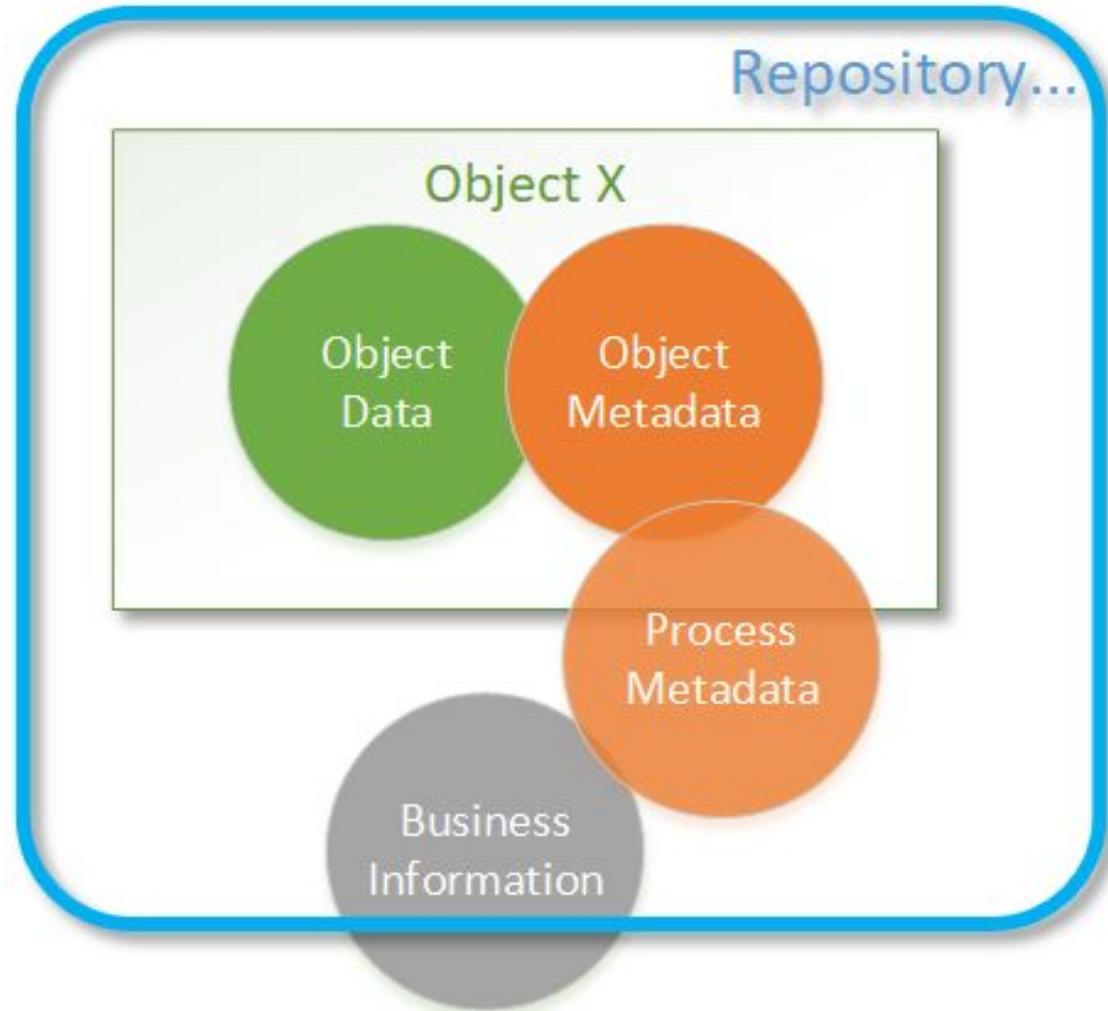


# What have we (or FAIR) missed?

- **R4. Confidentiality/Ethics**
- **R5. Organizational infrastructure**
- **R6. Expert guidance**
- **R12. Workflows**



# Repositories, Objects & Evidence



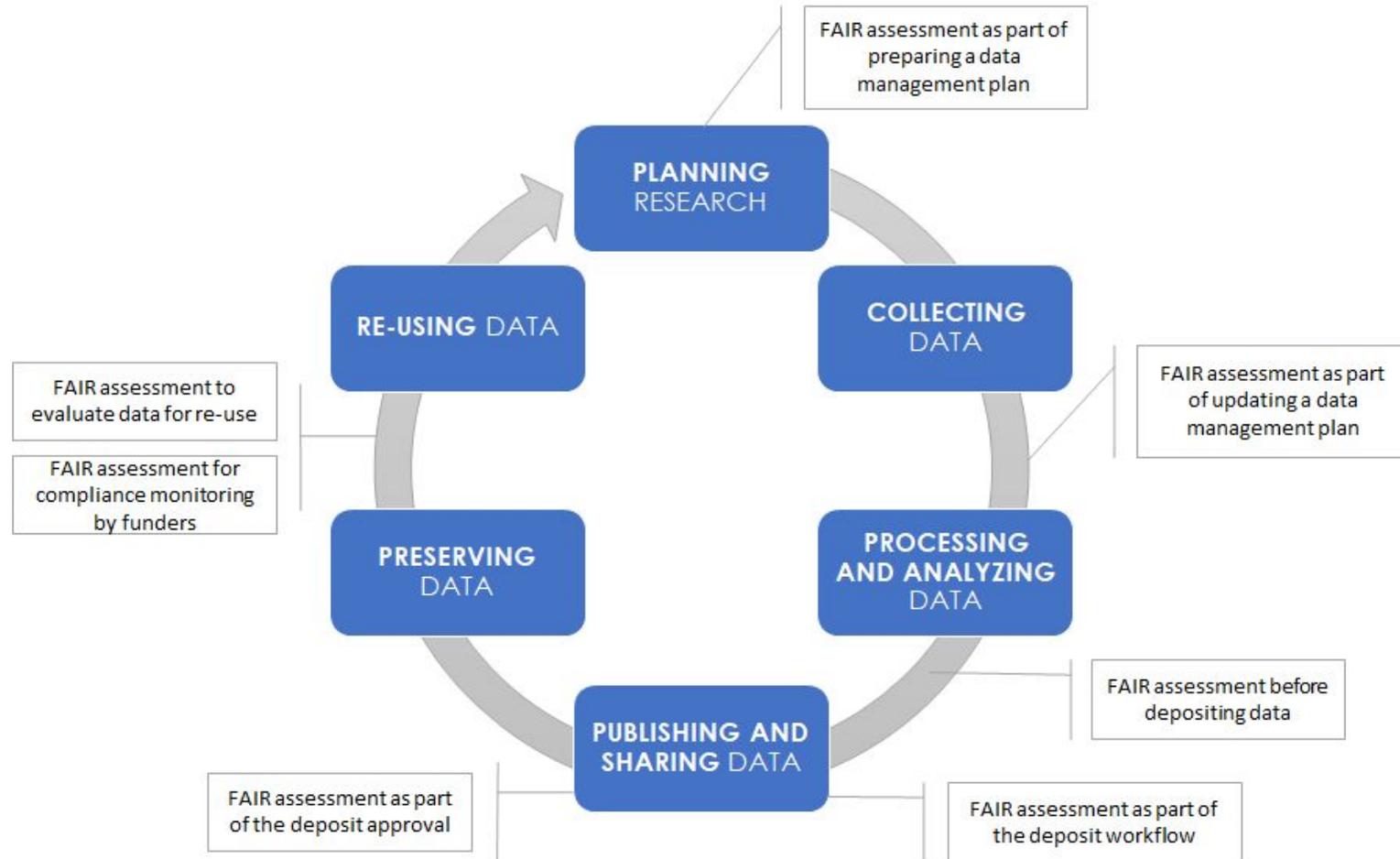
# Enabling FAIR

- Score and Outcomes which:
  - **Support Progress**
  - **Acknowledge Complex collections**
- Interactions between Enabling and Object Evaluation
  - **Evolving**



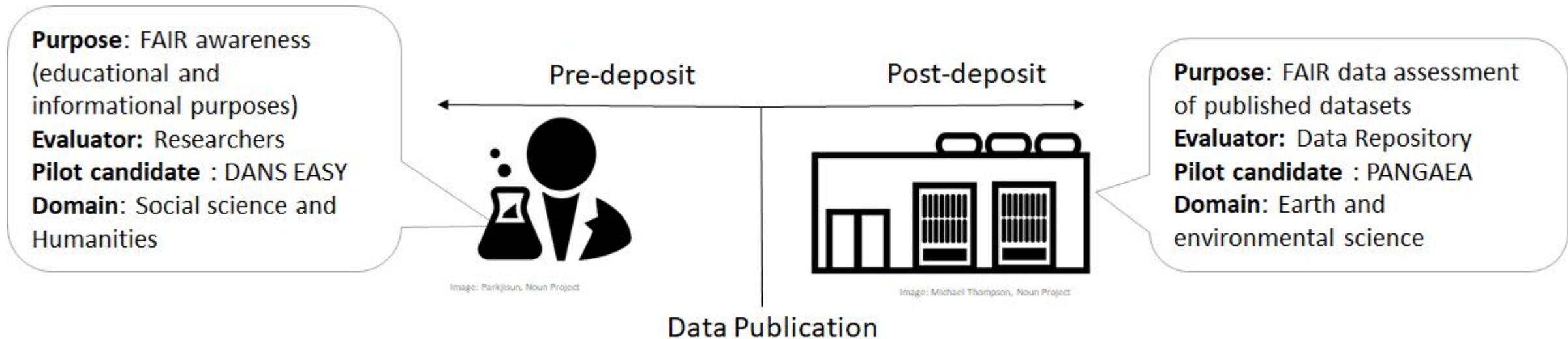
# FAIR Assessment of Data Objects in Trustworthy Digital Repository

- **Data objects** are individual research datasets that are measured, collected, or created for scientific analysis.
- **Trustworthy digital repository** refers to a certified data repository, e.g., CoreTrustSeal.



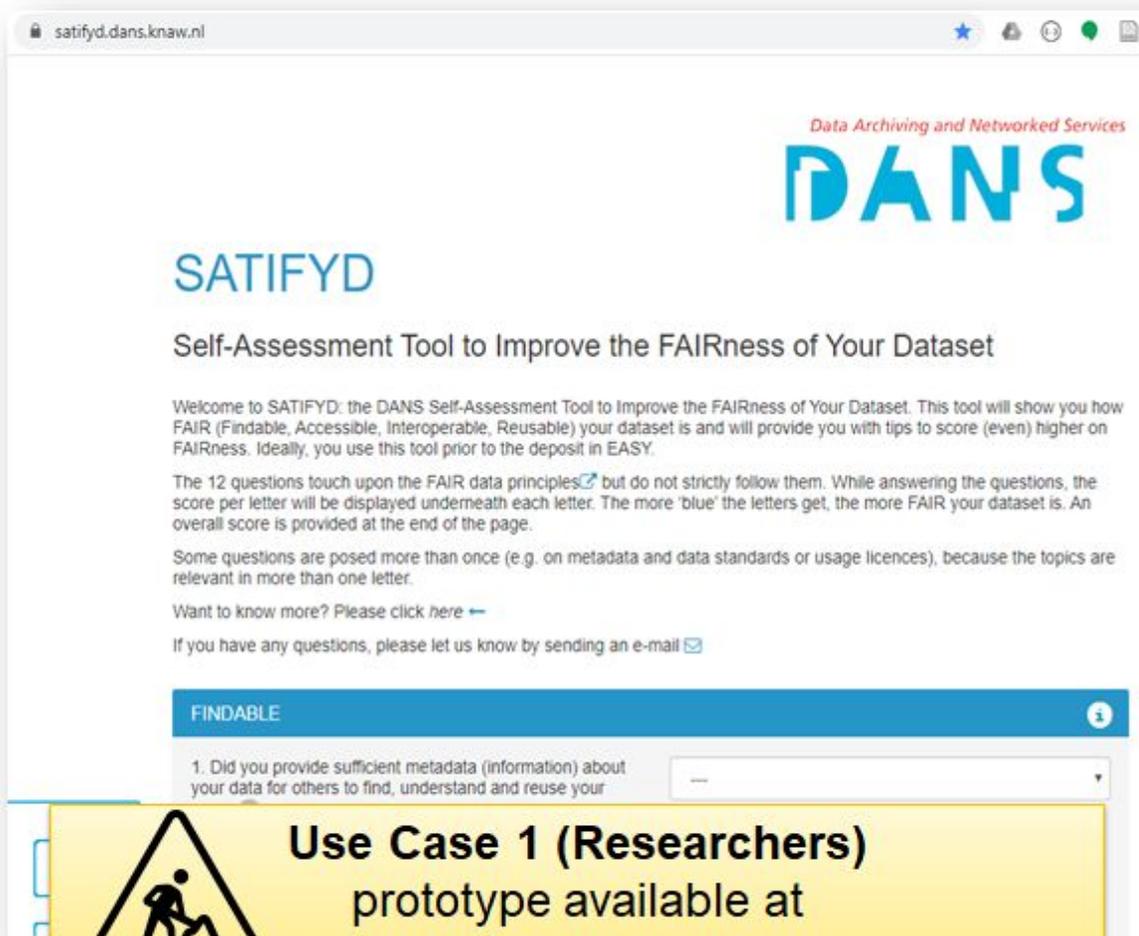
# Use case-based Iterative Assessment Approach

- Expected outcomes:
  - **Requirements** (including **metrics**) for assessing the FAIRness of data objects.
  - **Tools** to assess data objects in the context of two selected **use-cases**.



Pilot testing will cover 3 repositories from other domains

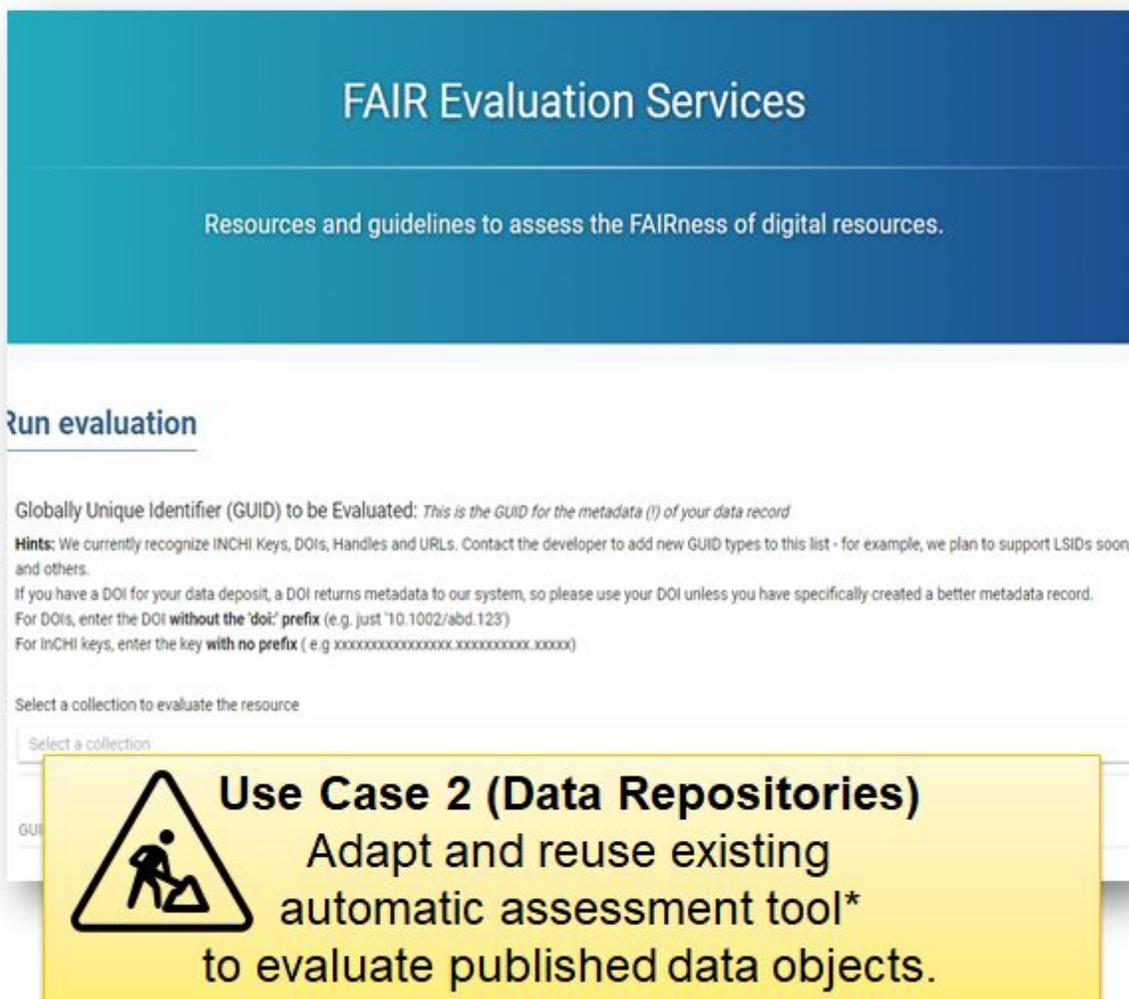
# Tools Implementation



The screenshot shows the SATIFYD website. At the top right is the DANS logo with the tagline 'Data Archiving and Networked Services'. The main heading is 'SATIFYD' followed by the subtitle 'Self-Assessment Tool to Improve the FAIRness of Your Dataset'. Below this is a welcome message and instructions on how to use the tool. A 'FINDABLE' section is visible with a question: '1. Did you provide sufficient metadata (information) about your data for others to find, understand and reuse your'. A yellow callout box is overlaid at the bottom left.

 **Use Case 1 (Researchers)**  
 prototype available at  
<https://satisfyd.dans.knaw.nl/>

\* Wilkinson, Mark D., Michel Dumontier, Susanna-Assunta Sansone, Luiz Olavo Bonino da Silva Santos, Mario Prieto, Dominique Batista, Peter McQuilton, et al. 2019. 'Evaluating FAIR Maturity through a Scalable, Automated, Community-Governed Framework'. Scientific Data 6 (1): 1–12. <https://doi.org/10.1038/s41597-019-0184-5>



The screenshot shows the FAIR Evaluation Services website. The header is 'FAIR Evaluation Services' with the subtitle 'Resources and guidelines to assess the FAIRness of digital resources.' Below this is a section titled 'Run evaluation' with instructions on how to provide a Globally Unique Identifier (GUID) to be evaluated. A yellow callout box is overlaid at the bottom right.

 **Use Case 2 (Data Repositories)**  
 Adapt and reuse existing  
 automatic assessment tool\*  
 to evaluate published data objects.

# Break out working session

Presenter: *Frans Huigen (DANS)*



# Break out working session

**Blue**, **Yellow**, **Red**, and **Green** groups, working on questions concerning designated CoreTrustSeal requirements

	Repository representatives	Requirements (every group does R0)	FsF partner representative
<b>Blue</b>	Apollo, DaSCH, ICOS	<b>1 - 5 - 9 - 12</b>	UKDA
<b>Yellow</b>	DASSH, Movebank, SOCIB	<b>2 - 6 - 10 - 14</b>	DANS + PANGAEA
<b>Red</b>	ESRF, IAGOS Tárki	<b>3 - 8 - 11 - 15</b>	CINES
<b>Green</b>	ESRF, DaSCH, DASS-BiH	<b>4 - 7 - 13 - 16</b>	DANS + DCC

- Is the requirement clear and understandable for you? If not, why?
- How will you meet the requirement? Will that be difficult?
- What actions have already been taken on this requirement? (do not worry if there are none!)
- What would your repository need to do more, to comply with this requirement?
- What stakeholders or experts would you need to comply with this requirement?

# CoreTrustSeal, process and procedures

Presenters: *Olivier Rouchon (CINES)*



## Two steps certification process

- **Self assessment** based on 16 Requirements
  - Written responses
  - URLs of documented public evidence
  - Compliance level
- **Peer review** by two expert and independent reviewers under the responsibility of the CoreTrustSeal Standards and Certification Board
  - Iterative feedback and revision process
  - Successful applications are made publicly available
  - Administrative fee of 1,000 euro
  - Certification valid 3 years



# Example

## XIV. Data reuse

**R14. The repository enables reuse of the data over time, ensuring that appropriate metadata are available to support the understanding and use of the data.**

Compliance Level 

Response

Guidance:

Repositories must ensure that data can be understood and used effectively into the future despite changes in technology. This Requirement evaluates the measures taken to ensure that data are reusable.

For this Requirement, responses should include evidence related to the following questions:

- Which metadata are required by the repository when the data are provided (e.g., Dublin Core or content-oriented metadata)?
- Are data provided in formats used by the Designated Community? Which formats?
- Are measures taken to account for the possible evolution of formats?
- Are plans related to future migrations in place?
- How does the repository ensure understandability of the data?

Reuse is dependent on the applicable licenses covered in R2 (Licenses).



# Application process

Apply for CoreTrustSeal Data Repository certification

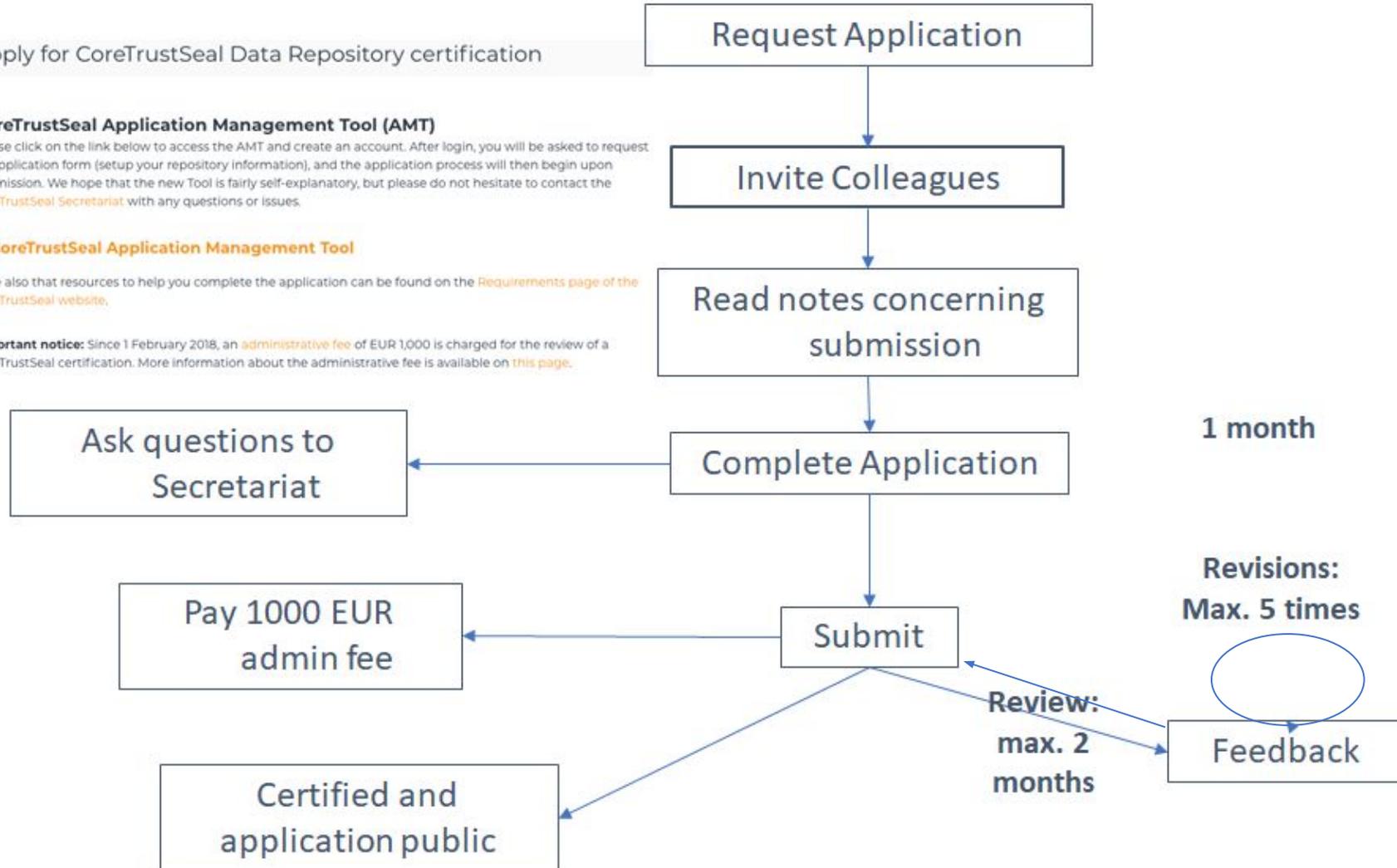
### CoreTrustSeal Application Management Tool (AMT)

Please click on the link below to access the AMT and create an account. After login, you will be asked to request an application form (setup your repository information), and the application process will then begin upon submission. We hope that the new Tool is fairly self-explanatory, but please do not hesitate to contact the [CoreTrustSeal Secretariat](#) with any questions or issues.

- **CoreTrustSeal Application Management Tool**

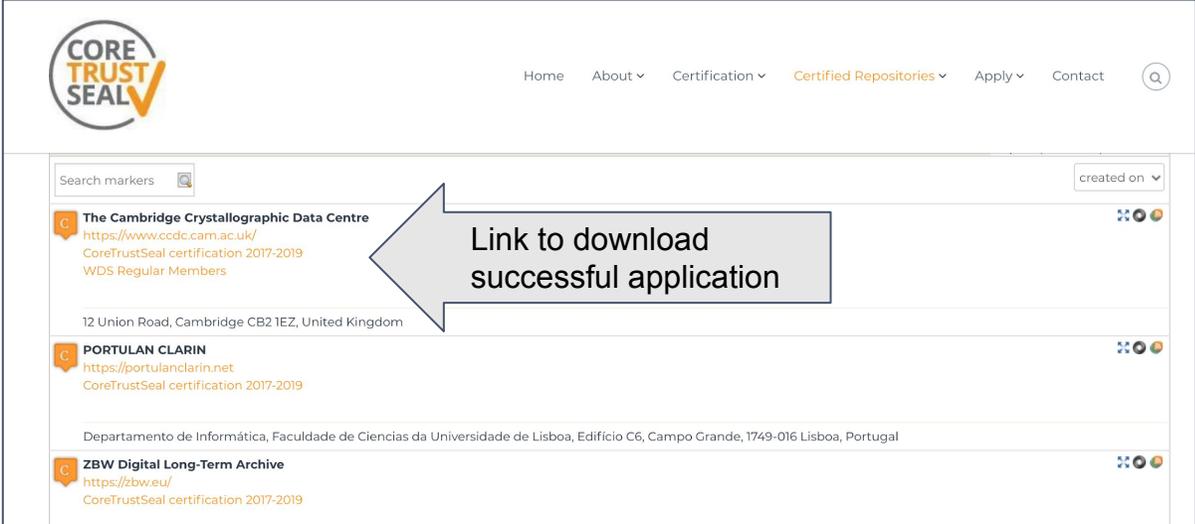
Note also that resources to help you complete the application can be found on the [Requirements page of the CoreTrustSeal website](#).

**Important notice:** Since 1 February 2018, an **administrative fee** of EUR 1,000 is charged for the review of a CoreTrustSeal certification. More information about the administrative fee is available on [this page](#).



# Resources / Help

- [Requirements 2020-2022](#)
- [Requirements with Extended Guidance 2.0](#)
- [Successful applications](#)
- [Webinar](#)



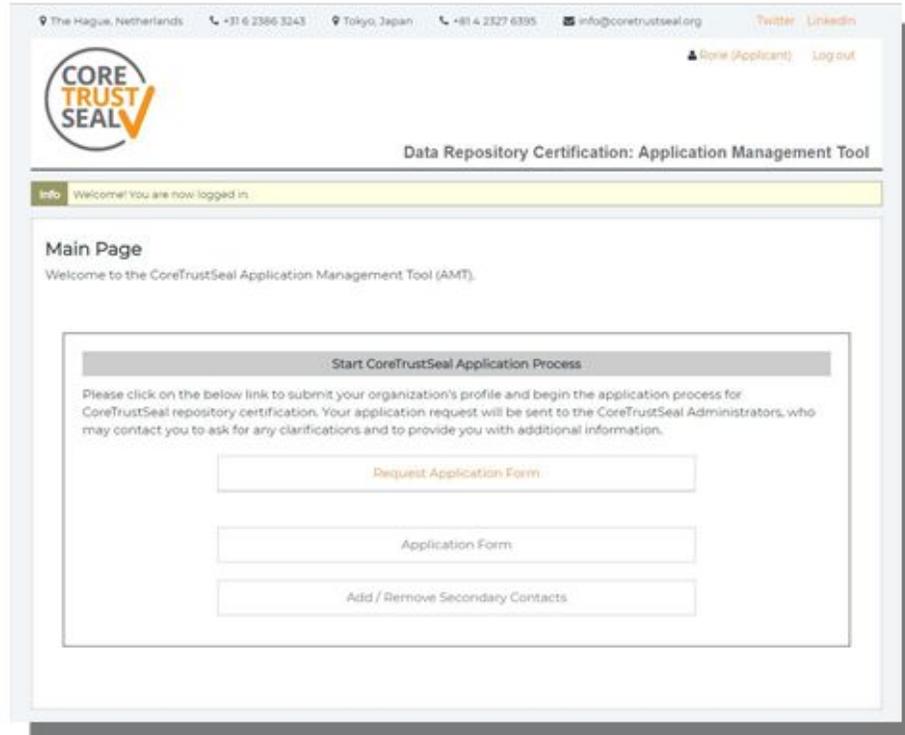
The screenshot shows the CoreTrustSeal website interface. At the top left is the CoreTrustSeal logo. The navigation menu includes Home, About, Certification, Certified Repositories, Apply, and Contact. Below the navigation is a search bar labeled 'Search markers' and a dropdown menu for 'created on'. The main content area displays a list of certified repositories. The first entry is 'The Cambridge Crystallographic Data Centre' with the URL <https://www.ccdc.cam.ac.uk/>. A grey arrow points to this URL with the text 'Link to download successful application'. Other entries include 'PORTULAN CLARIN' and 'ZBW Digital Long-Term Archive'.

<https://www.coretrustseal.org/why-certification/search-repositories/>

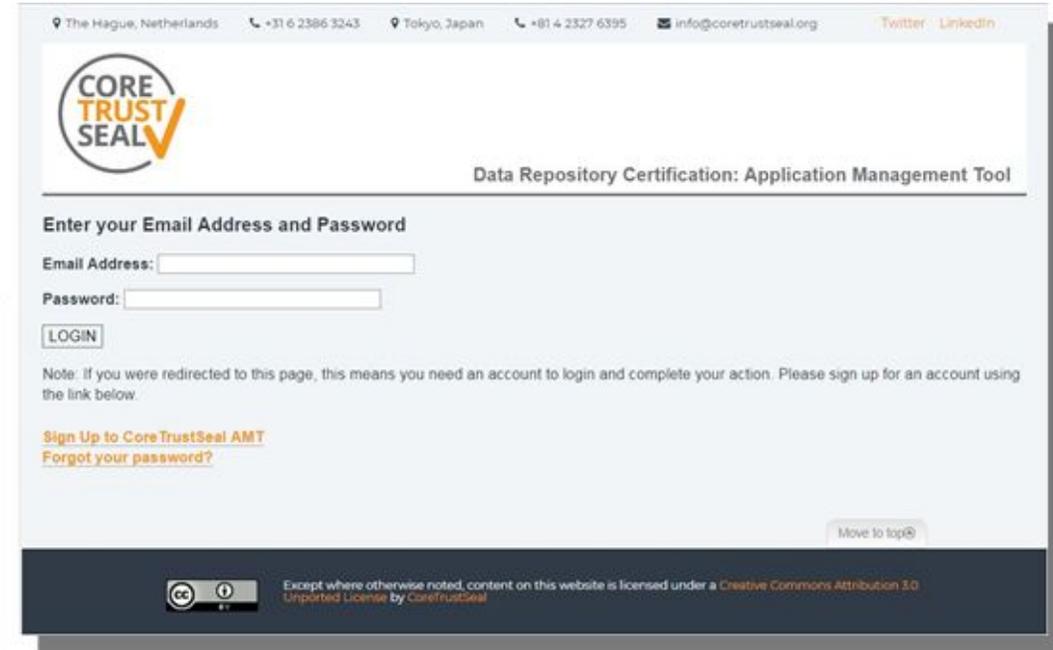
# Application management tool

Apply via:

<https://www.coretrustseal.org/apply/>



The screenshot shows the main page of the CoreTrustSeal Application Management Tool (AMT). The header includes the CoreTrustSeal logo and navigation links for 'Home (Applicant)' and 'Logout'. Below the header, a yellow info bar states 'Welcome! You are now logged in.' The main content area is titled 'Main Page' and contains a section 'Start CoreTrustSeal Application Process'. This section includes a paragraph of instructions and three buttons: 'Request Application Form', 'Application Form', and 'Add / Remove Secondary Contacts'.



The screenshot shows the login page of the CoreTrustSeal Application Management Tool (AMT). The header includes the CoreTrustSeal logo and the title 'Data Repository Certification: Application Management Tool'. The main content area is titled 'Enter your Email Address and Password' and contains two input fields for 'Email Address' and 'Password', followed by a 'LOGIN' button. Below the login fields, there is a note: 'Note: If you were redirected to this page, this means you need an account to login and complete your action. Please sign up for an account using the link below.' There are also links for 'Sign Up to CoreTrustSeal AMT' and 'Forgot your password?'. A 'Move to top' button is located at the bottom right of the main content area. The footer includes a Creative Commons Attribution 3.0 license notice.

# Application management tool

The Hague, Netherlands | +31 6 2386 3243 | Tokyo, Japan | +81 4 2327 6395 | info@coretrustseal.org | Twitter | LinkedIn

**CORE TRUST SEAL** Done (Applicant) | Log out

Data Repository Certification: Application Management Tool

**Organization Profile**

Organization Name **Required**

Address **Required**

City **Required**

Country **Required**   
 No value

Website **Required**

Host Institute **Required**

DOI of re3data Entry

Please access <https://www.re3data.org/> to find the DOI of your entry, or submit an entry for your repository if it does not exist.

Representative Name **Required**

Email **Required**

Telephone

Brief Description of Repository

[Move to top](#)

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**CORE TRUST SEAL** Done (Applicant) | Log out

Data Repository Certification: Application Management Tool

**Info** Item state changed

**Main Page**

**A Repository**

Application Review Progress

[Organization Profile](#)

**CoreTrustSeal Application Form**

The online form for your repository to certify against the Core Trustworthy Data Repositories Requirements can be accessed below. The form does not need to be filled out on a single occasion, and you may save your draft, request simple feedback (assistance) from the CoreTrustSeal Admin, or submit the completed form for review.

Application Status: Draft

Please note: The form is editable ONLY when it has status: 'Draft' or 'Feedback Available'.

[Application Form](#)

**Contributors**

Completing the CoreTrustSeal application will very likely require discussion with other data management and technical experts in your organization. To share the application with your colleagues, please add them as contributors using the link below. It is recommended to include at least one person as an additional contact for your organization.

Done (Applicant)|rone.edmunds+user@iccu-wds.org|

[Add / Remove Secondary Contact](#)

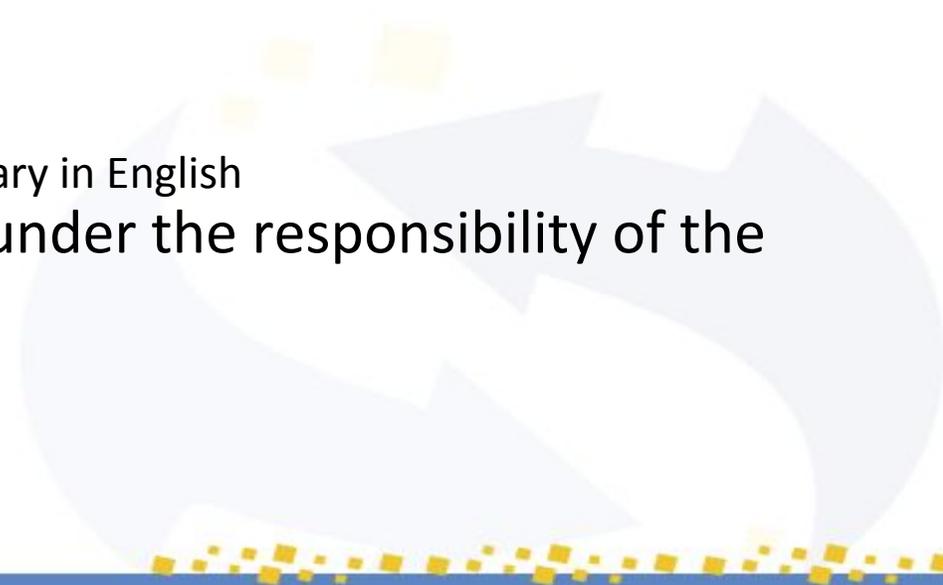
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# Recap application process

- Self-assessment based on requirements
- Online tool available
- Extended guidance (document and webinar) available
- Evidence provided:
  - Bullet lists of topics/questions for discussion and inclusion are neither exhaustive nor prescriptive. Highly preferred that responses are written in full prose.
  - URLs to evidence strongly encouraged
  - Maturity ratings strongly encouraged
  - Responses in English
  - Evidence documents in other languages need a short summary in English
- Review of the self assessment by two reviewers under the responsibility of the CoreTrustSeal Board

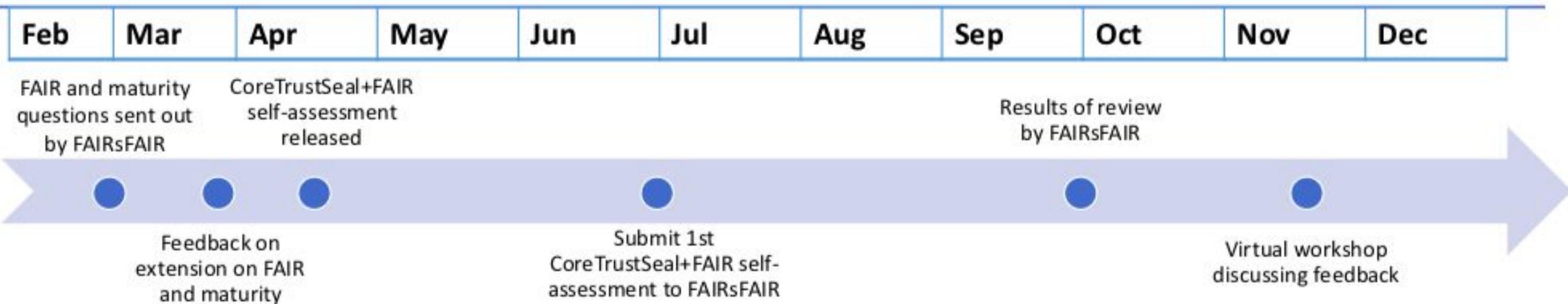


# Needs and expectations certification support programme

Presenter: *Ilona von Stein (DANS)*



# Roadmap – 2020



# How might we best support you?

- Support Routes
- Support Approaches
- Monitoring progress

Get your laptop or mobile  
and go to:

[www.menti.com](http://www.menti.com)



# Mentimeter Results

## How would you rank the usefulness of these possible Support Routes?

 Mentimeter

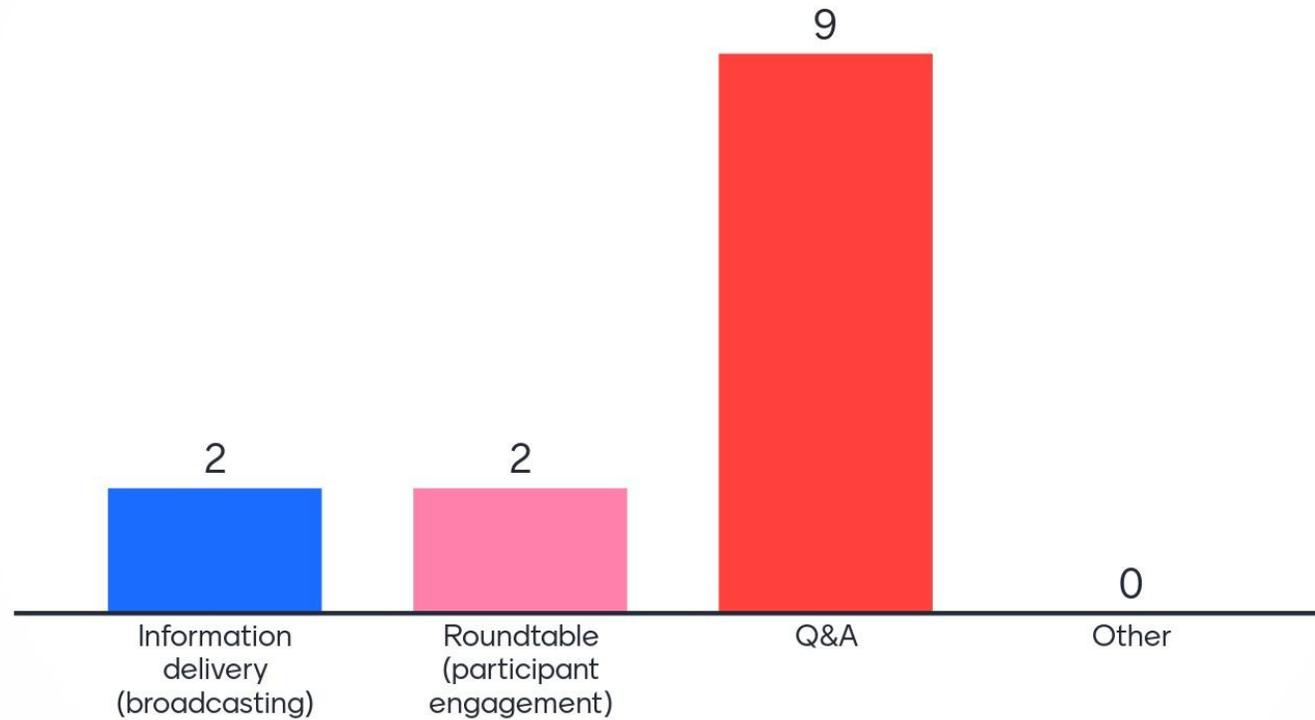


 12

# Mentimeter Results

## Which Support Approach do you like best?

 Mentimeter



 13

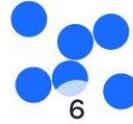
# Mentimeter Results

What is a good way to monitor progress? Please indicate your top 3.

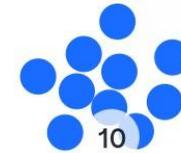
Mentimeter



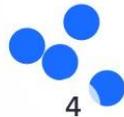
buddy system - FAIRsFAIR  
and repository



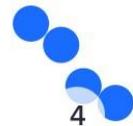
group calls



1-on-1 calls



group e-mail list



group BaseCamp



other

 13



# Getting started!

Presenters: *Patricia Herterich (DCC) and Anusuriya Devaraju (PANGAEA)*

This exercise is available at <http://doi.org/10.5281/zenodo.3741693>



# Stakeholder mind map for your institution

- GOAL: identify all the people in your institution that you will need to involve in your certification application and FAIR enabling process
- one person can hold several roles
- depending on your institutional structure, not all example roles will be applicable



## Example Repository Roles

During the support process the following roles may be useful in preparing your application:

- Senior champion - a Director or Senior manager
- Curation practitioner - with experience of data management workflows
- Technical contact - with knowledge of applications, systems and services
- Application lead - co-ordinates the application
- Executive sponsor - will sign off the assessment for submission



# Roadmap

- GOAL: identify key activities and tasks you need to carry out to understand CoreTrustSeal+FAIR in your institutions, put your self-assessment together, highlight dependencies and identify risks
- Inspiration via the RDA CoreTrustSeal adoption story across domains and regions:  
<https://www.rd-alliance.org/rda-coretrustseal-adoption-story-across-domains-and-regions>
- Risk matrix:

	<b>Negligible</b>	<b>Marginal</b>	<b>Critical</b>	<b>Catastrophic</b>
Certain	High	High	Extreme	Extreme
Likely	Moderate	High	High	Extreme
Possible	Low	Moderate	High	Extreme
Unlikely	Low	Low	Moderate	Extreme
Rare	Low	Low	Moderate	High

# Break out groups

	Repository representatives	FsF partner representative
<b>Blue</b>	Apollo, ICOS, DaSCH	UKDA
<b>Yellow</b>	DASSH, Movebank, SOCIB	DANS + PANGAEA
<b>Red</b>	IAGOS, Tárki	CINES
<b>Green</b>	ESRF, DASS-BiH	DANS + DCC

Plenary feedback in 1 minute madness: Let us know your key risk / most urgent action / most difficult stakeholder to get on board / other!

## Wrap-up in postcards

- Think about two takeaways that you want to bring home from this workshop
- Write them on the postcards provided
- Address the postcard to yourself, make sure the postcard will reach your desk
- We will post it for you in a couple of weeks!



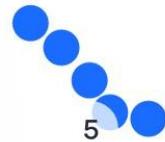
Presenter: *Ilona von Stein (DANS)*

Image from  
<https://www.wikihow.com/Write-a-Postcard>

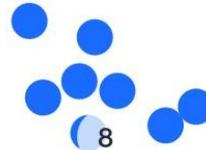
# Mentimeter Evaluation Results

Did this day meet your expectations in terms of learning?

 Mentimeter



Yes, it exceeded my expectations



Yes, it met my expectations

0

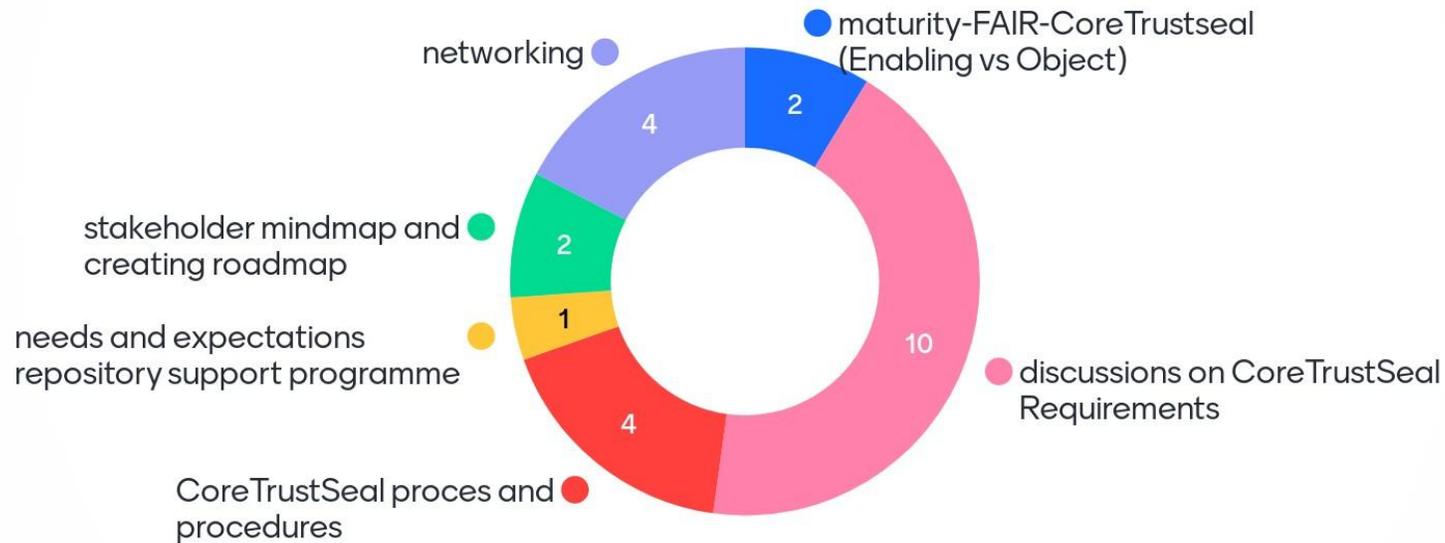
No, it did not meet my expectations

 13



# Mentimeter Evaluation Results

Which parts of the day were most valuable for you?  
max. 2 answers

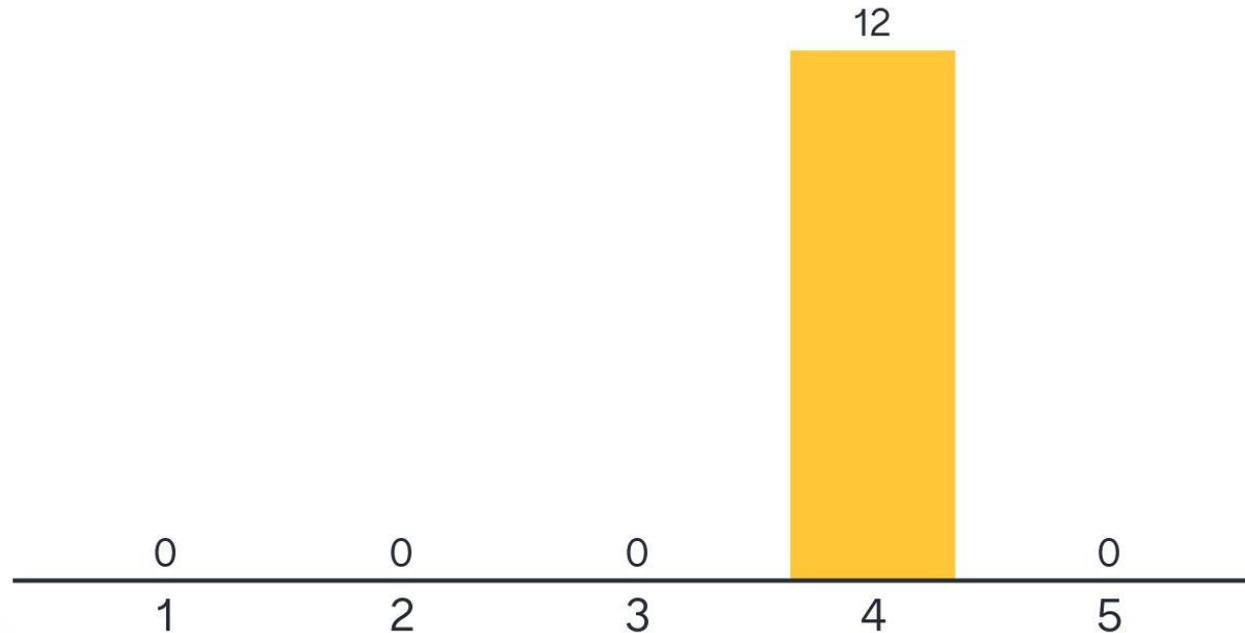


12

# Mentimeter Evaluation Results

On a scale from one to five what would be your overall mark for the quality of the workshop? (1 equals very poor and 5 equals excellent)

 Mentimeter



 12

# Mentimeter Evaluation Results

After today, which keywords (max. 3) are important for you in the light of FAIR-enabling repository certification?

 Mentimeter

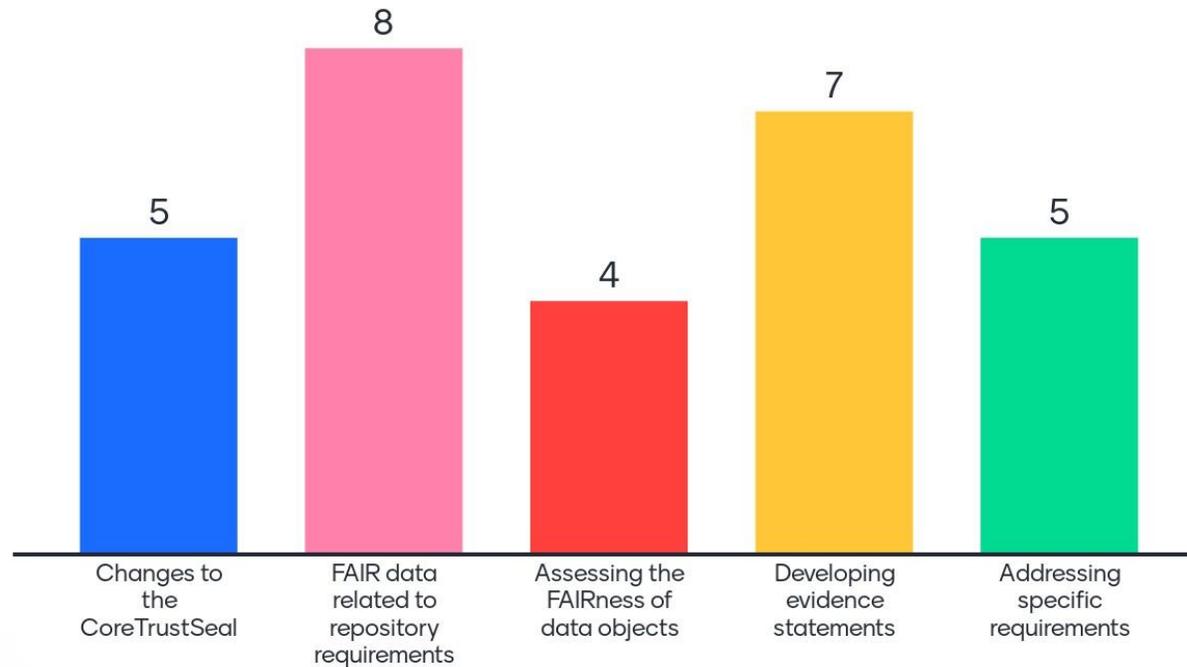


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# Mentimeter Evaluation Results

If at some time we will have a 2nd F2F workshop, which topics would you like to have covered?

Mentimeter



13

# Thank you very much!

