

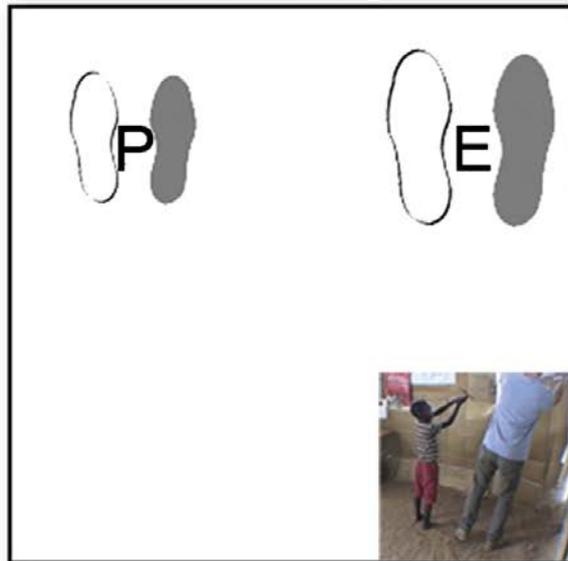
Frank Scholze

# Social responsibility and digital culture - the role of libraries

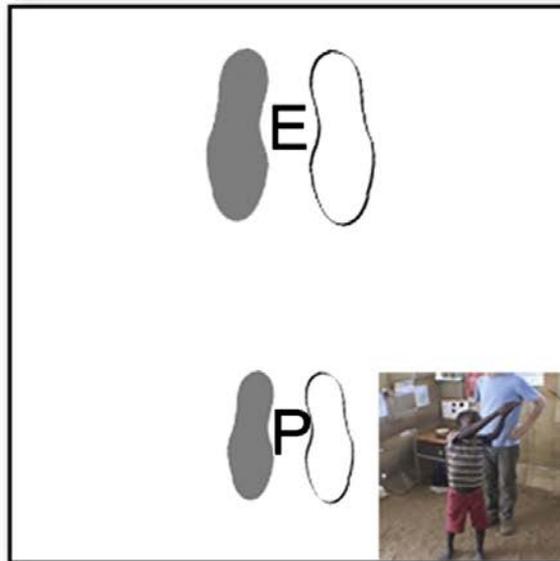
53rd LIBER Annual Conference

Cyprus University of Technology, Limassol, 4. July 2024

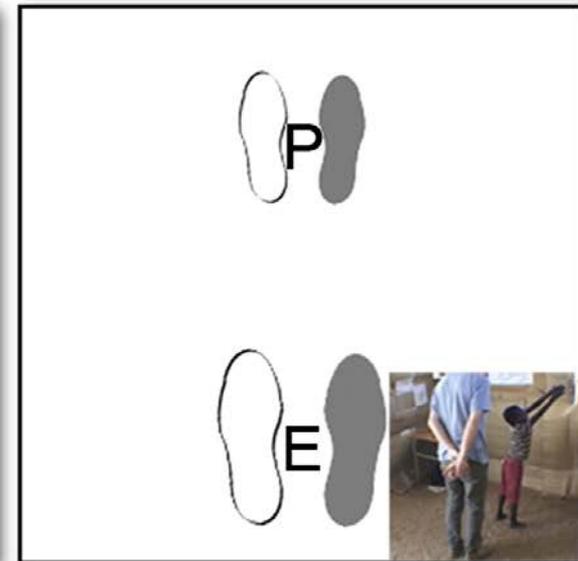
## Training



## Rotation 1

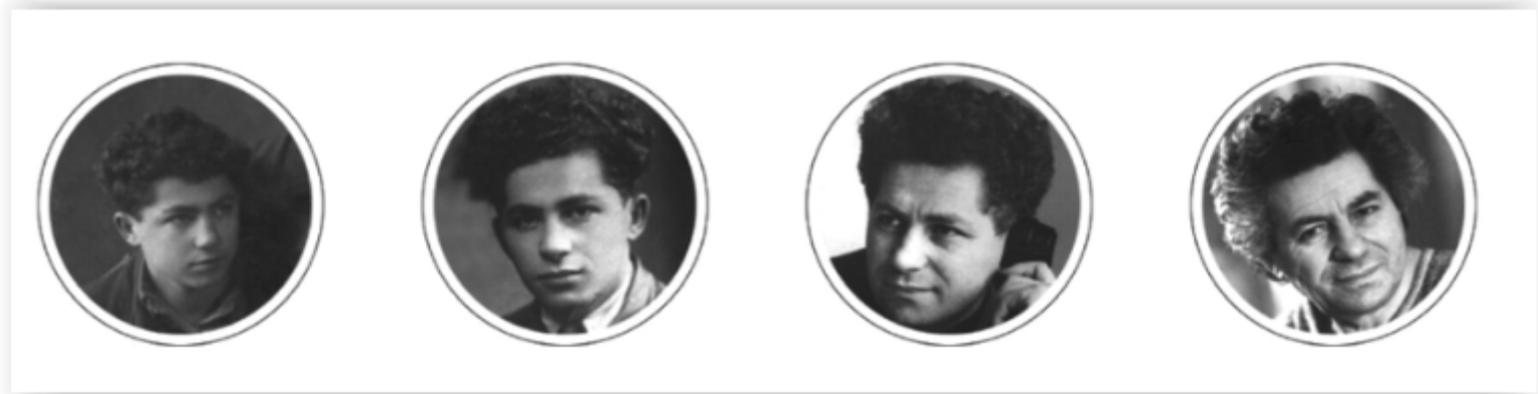


## Rotation 2

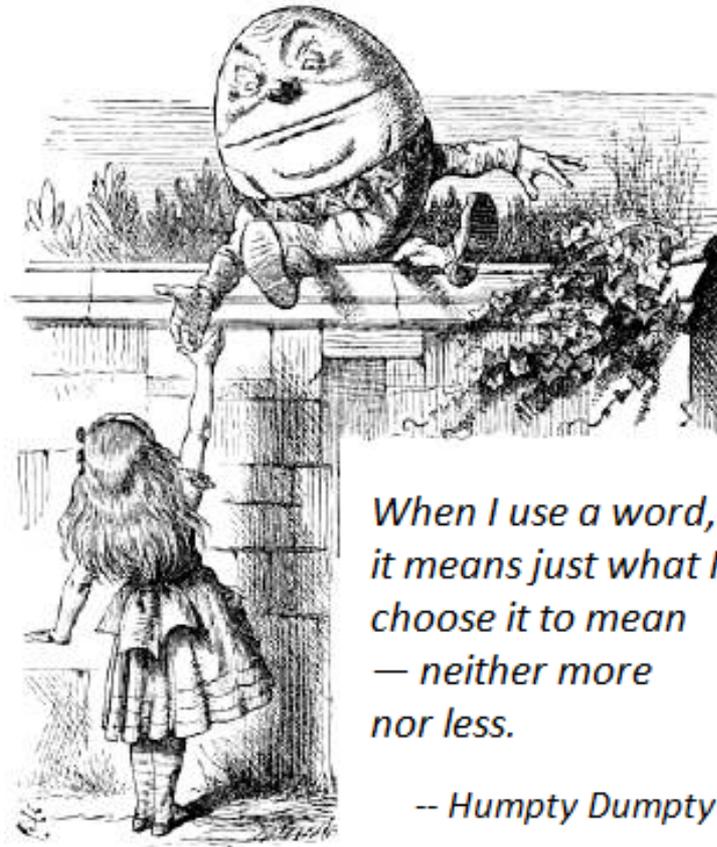


*Haun, D.B.M., Rapold, C.*

**Variation in memory for body movements across cultures.**  
Current Biology, 14. Dezember 2009, Vol. 19, No. 23



Boroditsky, L., & Gaby, A. (2010). Remembrances of Times East: Absolute Spatial Representations of Time in an Australian Aboriginal Community. *Psychological Science*, 21(11), 1635-1639.  
<https://doi.org/10.1177/0956797610386621>



*When I use a word,  
it means just what I  
choose it to mean  
— neither more  
nor less.*

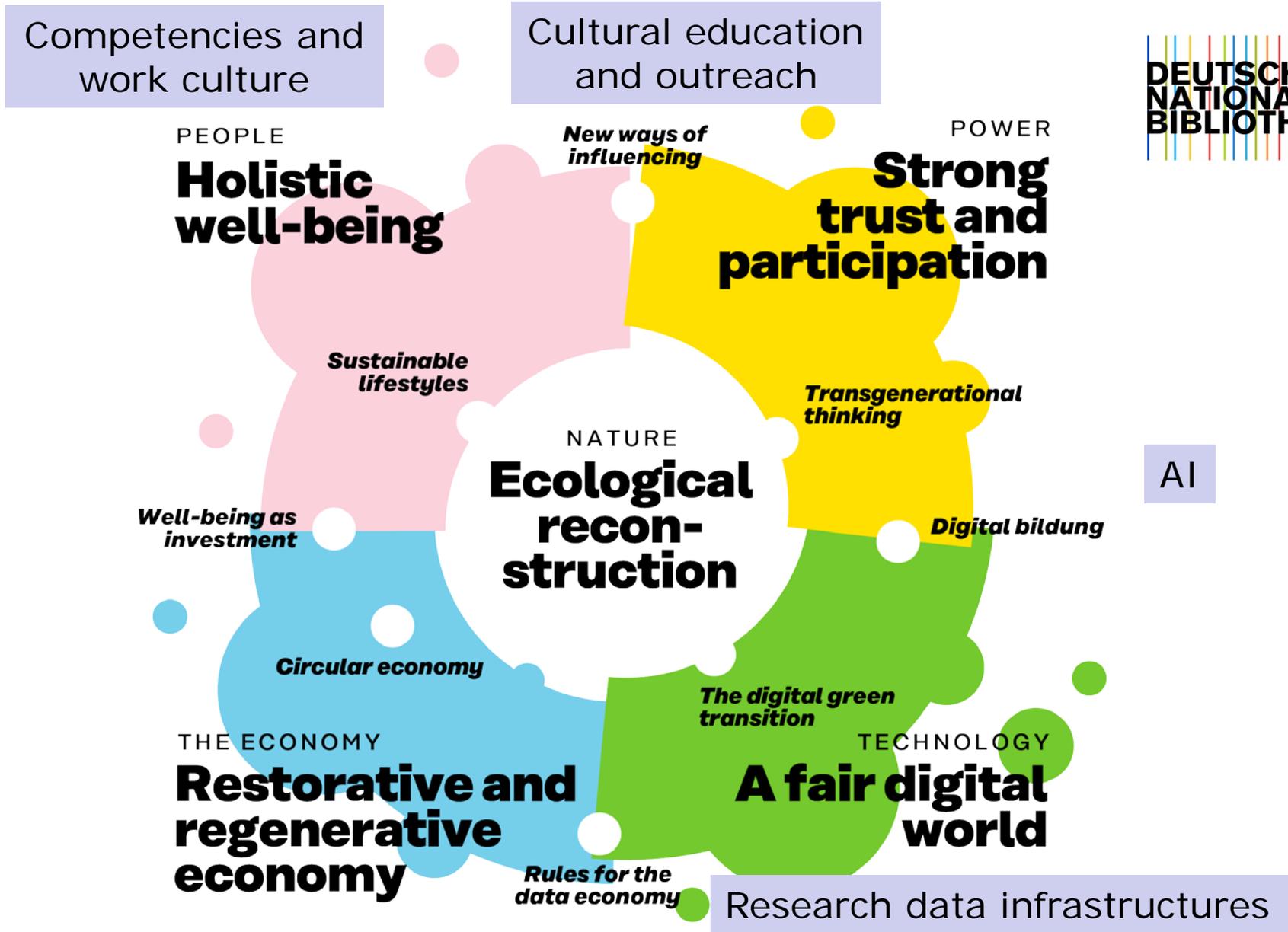
*-- Humpty Dumpty*

Illustration of Humpty Dumpty from *Through the Looking Glass*,  
by John Tenniel, 1871.

[Wikimedia Commons](#)

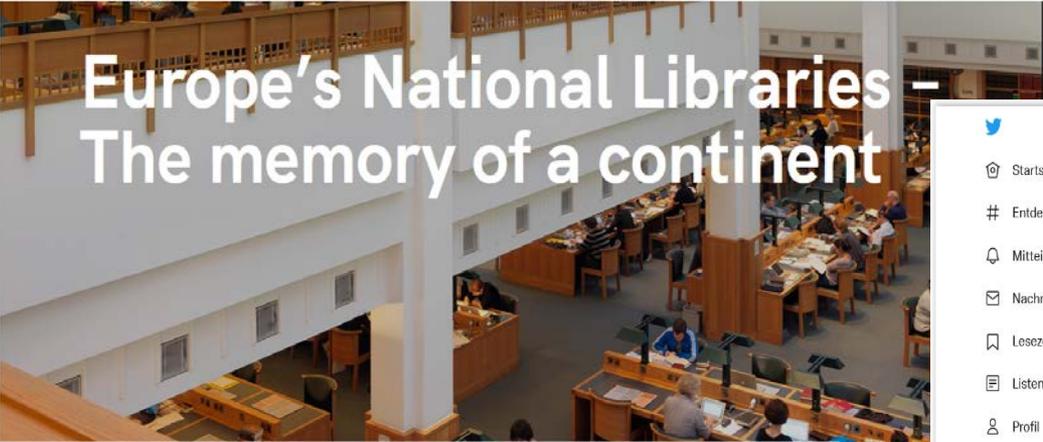


[Megatrends 2023: these are the trends we cannot ignore - Sitra](#)



[Megatrends 2023: these are the trends we cannot ignore - Sitra](#)

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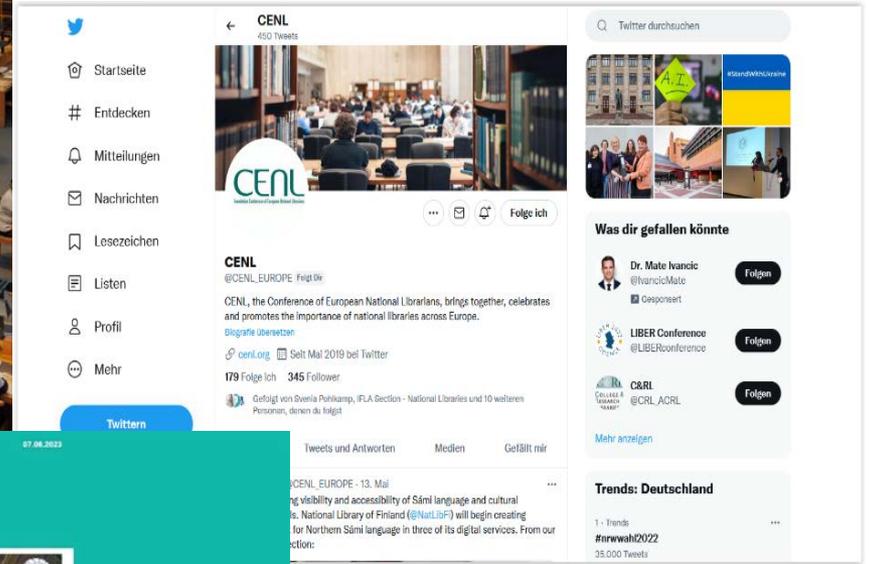


# Europe's National Libraries – The memory of a continent

The British Library

The Conference of European National Librarians

**CENL brings together the National Libraries of Europe.**



**CENL**  
450 Tweets

Startseite Entdecken Mitteilungen Nachrichten Lesezeichen Listen Profil Mehr

**CENL**  
@CENL\_EUROPE · Freigelegt

CENL, the Conference of European National Librarians, brings together, celebrates and promotes the importance of national libraries across Europe.

[Biografie übersetzen](#)

[cent.org](#) · Seit Mai 2019 bei Twitter

179 Folge ich 345 Follower

Gefolgt von Svenja Polakamp, IFLA Section - National Libraries und 10 weiteren Personen, denen du folgst

Tweets und Antworten Medien Gefällt mir

**Was dir gefallen könnte**

- Dr. Mate Ivancic @IvancicMate · Geopostet
- LIBER Conference @LIBERconference
- C&RL @CRL\_ACR

**Trends: Deutschland**

1. Trends  
#riwwah2022  
35.000 Tweets

CENL 07.06.2023

## CENL News



### CENL Annual General Meeting 2023

The CENL Secretariat and the National Library of France are busy preparing for this year's Annual General Meeting, which will be held in Paris, France, on 19 and 20 June, with a cultural programme the day before.

We kindly ask CENL members attending the meeting to check the members area of the CENL website regularly for updates on the programme.

We look forward to seeing you soon.

Photo: Salle Ovale © Guillaume Murat / BnF

[Read more](#)

# CENL Network Groups



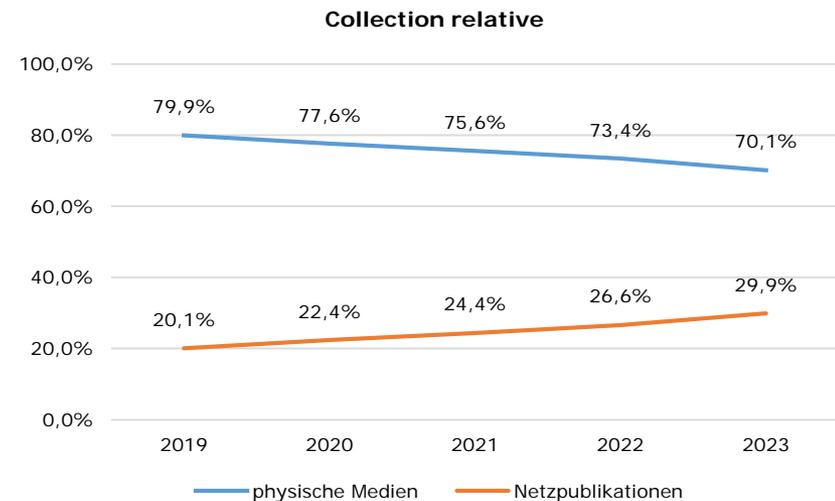
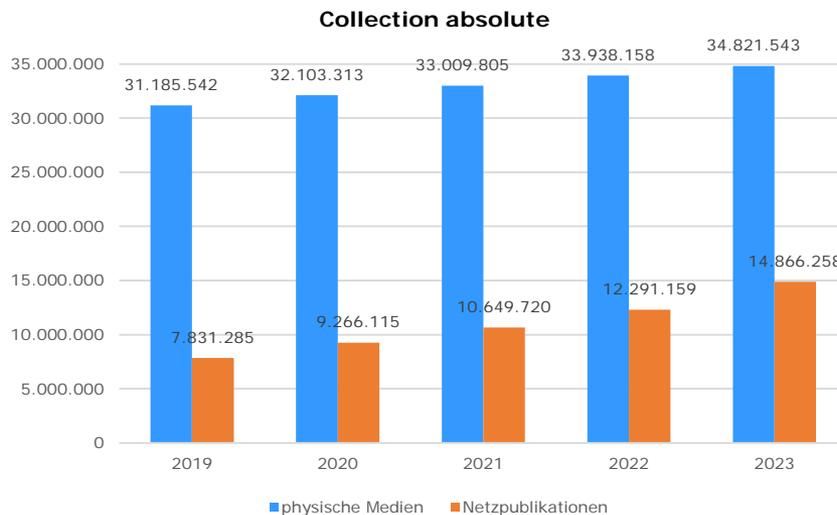
- ❖ Artificial Intelligence in Libraries
- ❖ Books and Audiences (BANG)
- ❖ Equality, Diversity and Inclusion

# CENL Dialogue Forums



- FEP-CENL
- National Libraries as Data Infrastructures

# DNB - Active Memory of the Nation



# Research data infrastructures

DEUTSCHE NATIONAL BIBLIOTHEK

Deutsch Sign language Simple language Help and contacts

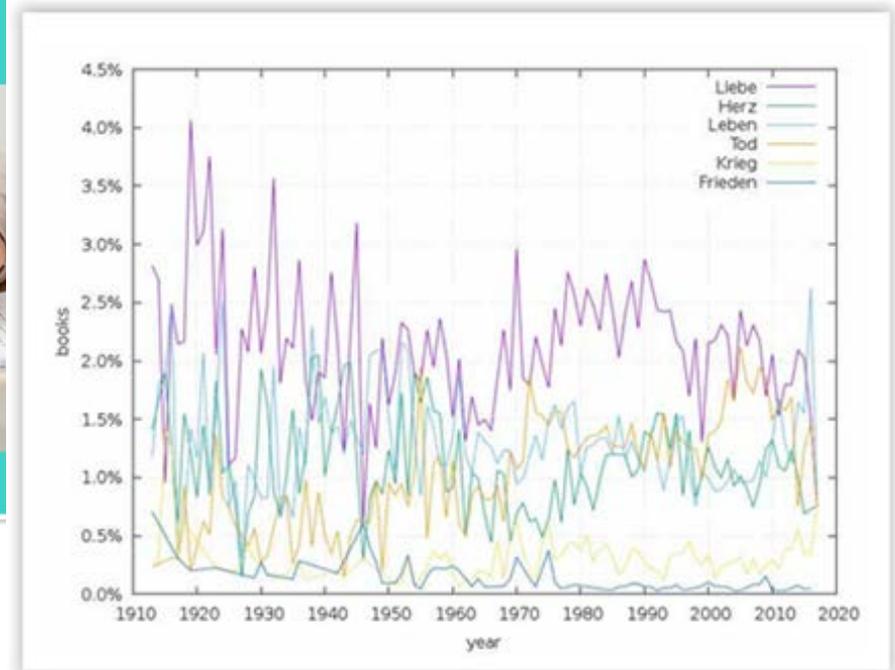
MENU

DNB FOR USERS DNB PROFESSIONAL

Home > DNB Professional > Study and Research - what we can offer

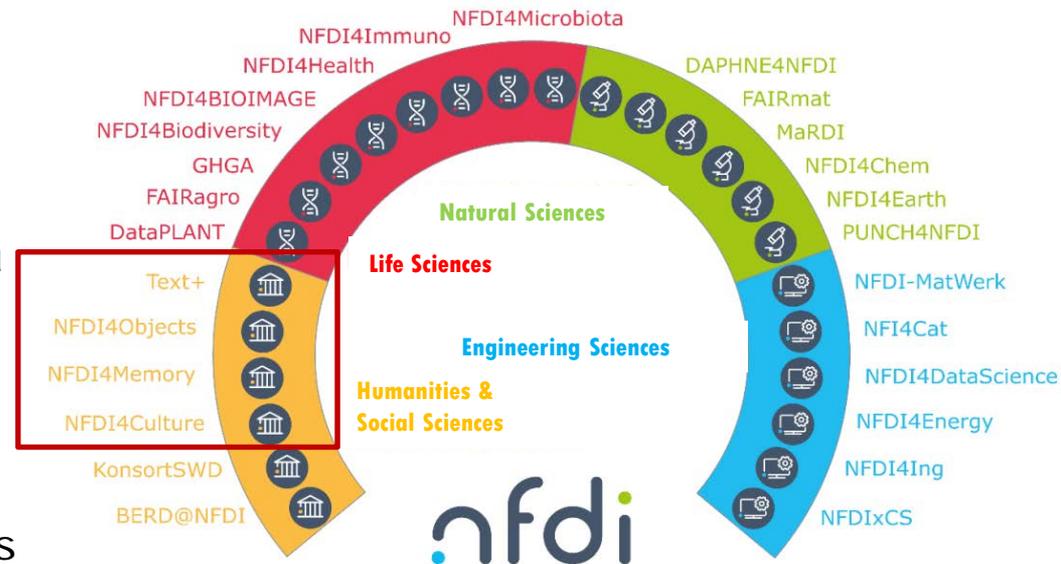
## STUDY AND RESEARCH - WHAT WE CAN OFFER

- Research needs content, research needs context
- CommunityHub: Scientific Service
- Access to digital collections
- DNB Lab
- Support programmes
- Text and Data Mining
- Services
- Spheres of activity and findings
- Contact

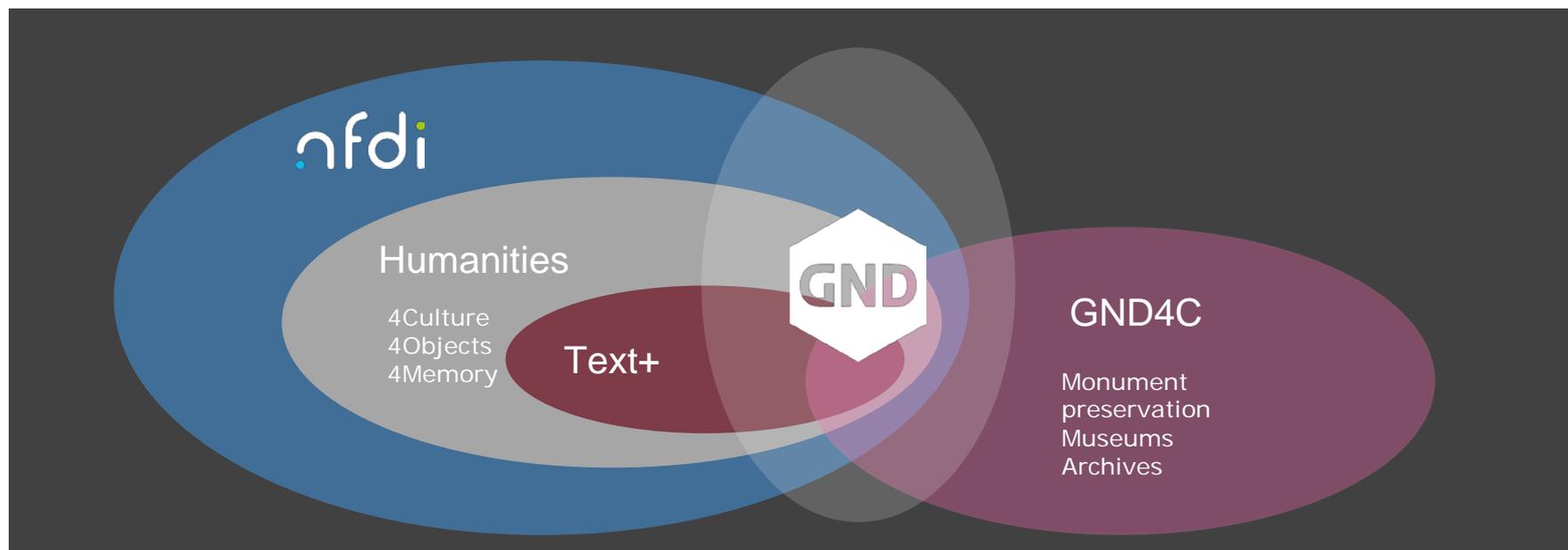


# National Research Data Infrastructure

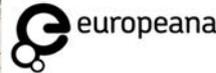
- 26 consortia covering all scientific areas
- 4 humanities consortia
- Cross cutting topics
  - Metadata
  - Authority data
  - Legal and ethical aspects
  - Data and digital literacy



# Authority files enhance data connectivity



KBR



KB } national library of the netherlands



**Collections as Data: Collaborating across Data Spaces for Cultural Heritage and Open Science**  
KBR | Royal Library of Belgium, 19th - 20th February 2024

Österreichische Nationalbibliothek



Bibliothèque nationale du Luxembourg



## Collections as Data as a bridge between collections and infrastructures

The aim of this session is to better understand what the **key challenges to data sharing** are and **how initiatives** such as the [common European Data Space for Cultural Heritage](#), Research Infrastructures such as [DARIAH](#) and [CLARIN](#) and the [European Open Science Cloud](#) (EOSC) can facilitate this process.

To do this, we asked a **number of national libraries to share their experiences of sharing data with us ...**



## Next Steps: ‘Collections as Data’ pilots

- Develop 2-3 ‘Collections as Data’ pilots using the [workflow to publish Collections as Data: the case of Cultural Heritage data spaces](#)
  - Harvesting cultural heritage [datasets](#) e.g. from existing repositories, e.g. BL Research Repository, SODHA, TextPlus Registry etc.
  - Could [Europeana galleries](#) be optimised for research reuse?
  - Adapt the Europeana Data Model (EDM) to include ‘datasets’?
- Share these ‘collections as data’ on other research platforms such as the [SSH Open Marketplace](#) or the [European Open Science Cloud](#).
- Experiment with analysis platforms for large scale cultural heritage corpora



**Text+ Registry**



# AI



AI generated moderator Studio 47

## AI in libraries - use cases

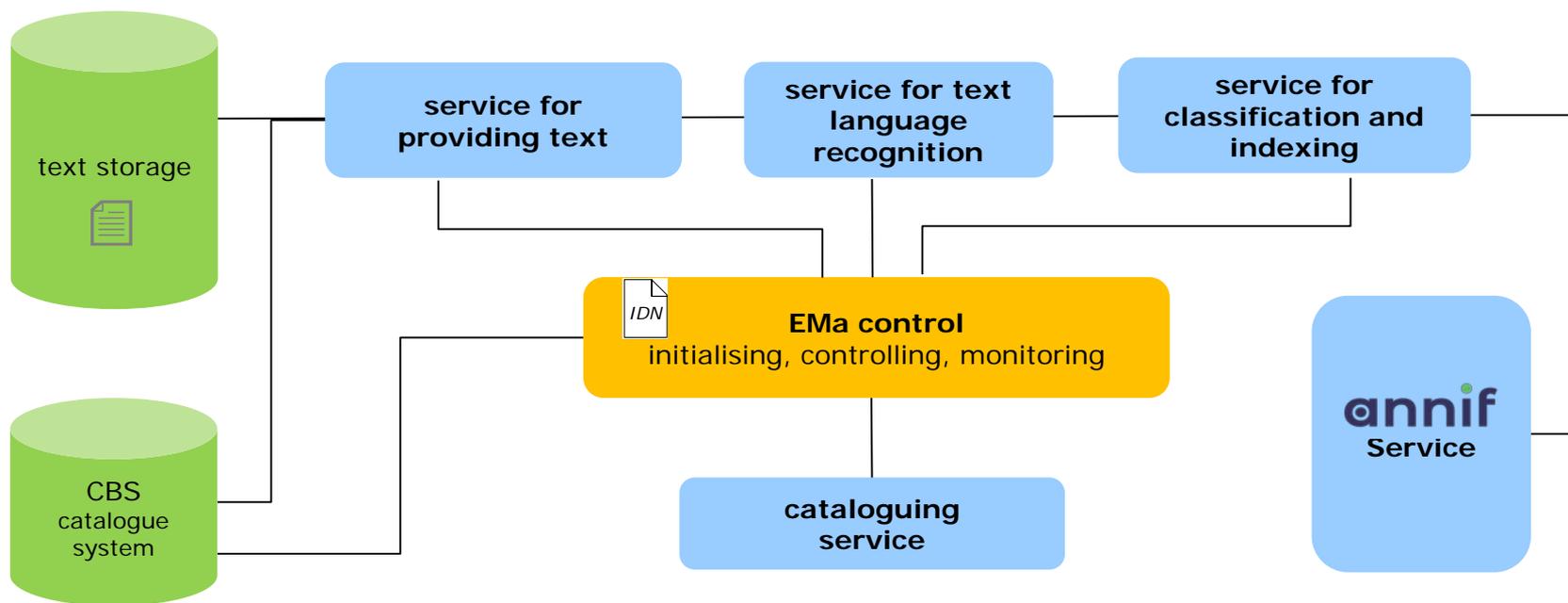
- Back end processes (eg. automated storage, process automation)
- Library user services (eg. knowledge discovery, chatbots)
- Data / AI / Information literacy
- Data science / management (eg. AI labs, data search, management)
- (User management)

Cox, A. M., & Mazumdar, S. (2024). Defining artificial intelligence for librarians. *Journal of Librarianship and Information Science*, 56(2), 330-340. <https://doi.org/10.1177/09610006221142029>

# AI in libraries – societal impact

- Libraries as one counterpart to tech companies
- Build & share know-how and administer resources in a public institution
- Develop & test AI methods in a responsible way
- Responsibility for handling data collections in the context of AI

# Automation of cataloguing processes at DNB



Modular subject cataloguing machine (EMa)

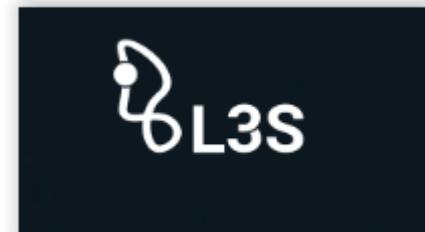
# AI for user services at DNB

## Chatbot development

- The current prototype is limited to questions about the use of the library. The future plan is to develop a chatbot for different user queries.

## Large language models in combination with metadata (Proposed DFG project with L3S Hanover)

- Chat-based access to the metadata of DNB
- Enhanced search and abstracting of texts

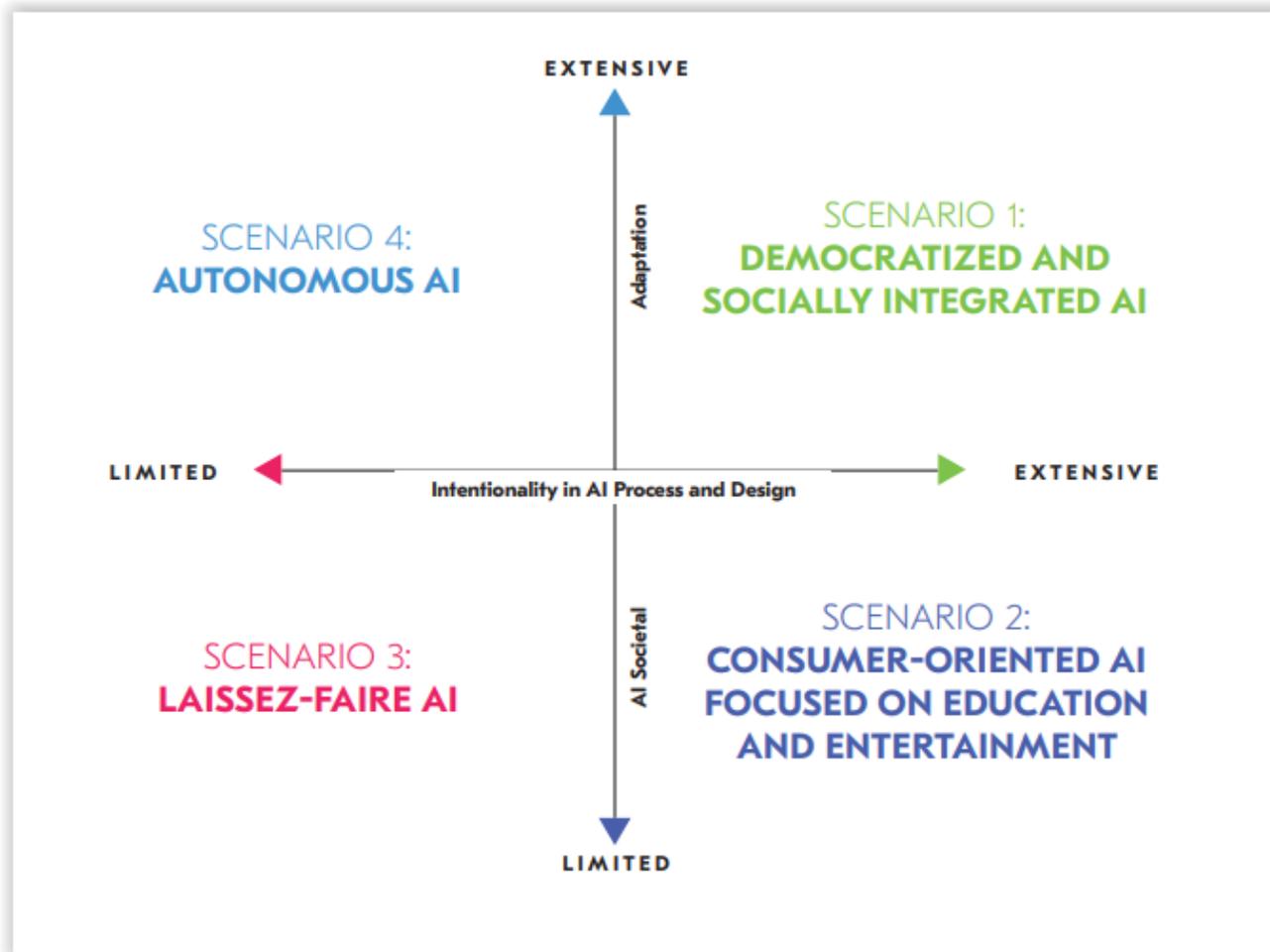


# AI for user services at DNB



- DNBLab is a service that provides scientists with access to digital collections and facilitates innovative research with AI
- CORAL (Constrained Retrieval Augmented Large Language Models) as a new project is a collaborative effort between several institutions to create and use large language models in a copyright-compliant manner





ARL/CNI AI Scenarios: AI-Influenced Futures. Washington, DC, and West Chester, PA: Association of Research Libraries, Coalition for Networked Information, and Stratus Inc., June 2024. <https://doi.org/10.29242/report.aiscenarios2024>.



# Dimensions in Testimony

Learning from the Past for the Present and the Future –  
interactive 3D interviews with Eyewitnesses of the Historical Exile



Photo: USC Shoah Foundation/Keith Putnam; DNB/Theresia Biehl



# Just ask



# DNB for not (yet) users



## Wer fehlt in der DNB?

Die DNB (22.06.2006) betraut die DNB mit der Aufgabe, ihre Bestände „für die Allgemeinheit nutzbar zu machen“. Aber nur ein kleiner Teil der Allgemeinheit findet den Weg in die Lesäle.

Die Agenda 2030 räumt öffentliche Einrichtungen in die Pflicht, einen Beitrag zu gesellschaftlicher Nachhaltigkeit zu leisten: Zugänglichkeit gewährleisten, Bestände sichtbar machen und Partizipation anregen.

## Wo sind die Nichtnutzenden?

Zum Beispiel im Mehrgenerationenhaus Fallbach, einem Begegnungszentrum für Menschen aller Altersgruppen und Nationen

**Erweiterung des Nutzungskreises durch Kooperation:**  
Mehrgenerationenhäuser vernetzen Personen und Gesellschaftsgruppen, die in wissenschaftlichen Bibliotheken bislang unterrepräsentiert sind.

## Pilot-Veranstaltungen

### Mai 2022: Oldies singen in der DNB

Ein Senior\*innen-Singkreis lauscht historischen Beiträgen sowie deren Entstehungsgeschichte(n) und singt mit professioneller Piano-Begleitung aus dem Noten-Bestand der DNB.

### Juni 2022: DNB à la Carte

Regionale Spezialitäten verbinden den Standort Frankfurt, mit Kochrezepten aus aller Welt. Kulinarische Bezugspunkte werden anhand der DNB-Sammlung nachvollziehbar.

Ingrid aus Hanoi, mit 93 Jahren erstmals in der DNB. Die Sommerera der Hochergermusik liest Musik und bringt archivierte Noten zum Erliegen.

Rochy aus Lima folgt seit wenigen Jahren in Hanoi. Sie MGH besucht sie mit ihrem Sohn des Sprach-Café, in der DNB stöbern sie in persönlichen Kochbüchern.

## Lessons Learned

Schnittmenge von Interessen und Beständen ermitteln:

Anlass & Gelegenheit bieten:

Rahmenbedingungen optimieren:

Ready-to-Use:

Nachvollziehbare, übersichtliche, aufsuchbare Angebote werden erstellt



