

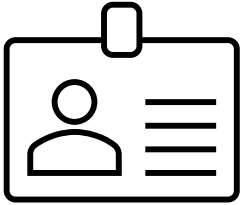
IT library services as a trusted partner for research infrastructures

IGeLU 2023

Roxanne Wyns

Innovation Manager, KU Leuven Libraries - LIBIS

About LIBIS



- Part of KU Leuven Libraries and Leuven R&D
- Digital service provider managing KU Leuven wide solutions
 - Institutional research data repository
 - Current research information system
 - Library catalogue
 - Digital preservation platform
 - ...
- Working with researchers in the design and development of scalable and sustainable RI

LIBIS mission

- IT organisation and scientific service provider @KU Leuven
- Focus on making collections and research data Findable, Accessible, Interoperable, Reusable (FAIR)
- Data driven expertise used in development of research infrastructures
- Collaboration and innovation through projects, networks and research
- Focus on sustainability and synergies

A trusted partner for research infrastructures



RISE of an Institutional Research Data Repository

2022 launch of KU Leuven RDR

KU LEUVEN RESEARCH DATA REPOSITORY

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KU Leuven RDR

(KU Leuven)

Metrics

148,934 Downloads

Contact Share

Welcome to the KU Leuven Research Data Repository

RDR is the institutional repository that helps KU Leuven researchers publish, share, cite, and preserve their research data in a findable, accessible, interoperable and reusable way.

Search this dataverse...



Advanced Search

☒ Datasets (95)

☒ Files (18,796)

Publication Year

2023 (49)

2022 (46)

Department / Faculty

Department of Electrical Engineering (ESAT)

(11)

Department of Mechanical Engineering (11)

Faculty of Arts (11)

Faculty of Engineering Science (7)

1 to 10 of 95 Results

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Replication Data for: Synergistic survival-related effects of larval exposure to an aquatic pollutant and food stress get stronger during and especially after metamorphosis and shape fitness of terrestrial adults

Jun 26, 2023



Jorissen, Sarah; Janssens, Lizanne; Verheyen, Julie; Stoks, Robby, 2023, "Replication Data for: Synergistic survival-related effects of larval exposure to an aquatic pollutant and food stress get stronger during and especially after metamorphosis and shape fitness of terrestrial adults", <https://doi.org/10.48804/M9FUPT>, KU Leuven RDR, V1

This is the dataset used for the manuscript "Synergistic survival-related effects of larval exposure to an aquatic pollutant and food stress get stronger during and especially after metamorphosis and shape fitness of terrestrial adults". It contains the data from the complex life...

MaMIMO-UAV 3D Channel State Information Dataset

Jun 22, 2023



Colpaert, Achiel; Thys, Cel; Cui, Zhuangzhuang; Pollin, Sofie, 2023, "MaMIMO-UAV 3D Channel State Information Dataset",

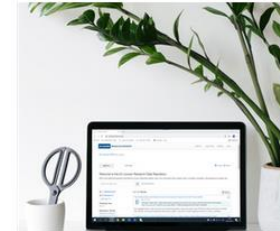


RDR Update May 2023

25-05-2023

Upload data to RDR easily and while maintaining structure from other existing RDM tools and platforms. Find out more about recent improvements to RDR in the latest update overview.

[Read more](#)

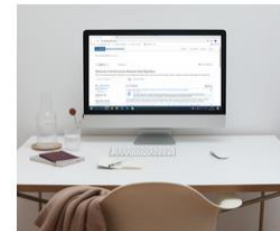


RDR Update September 2022

07-09-2022

It's now easier to select or change your dataset license and you can configure your own in-app or email notifications. Learn what other changes were made in this second update.

[Read more](#)



RDR Update May 2022

02-05-2022

From improving author and related publication input to simplifying the license choice in the terms tab. Find out more about recent improvements to RDR in this first update overview.

[Read more](#)



Launch RDR

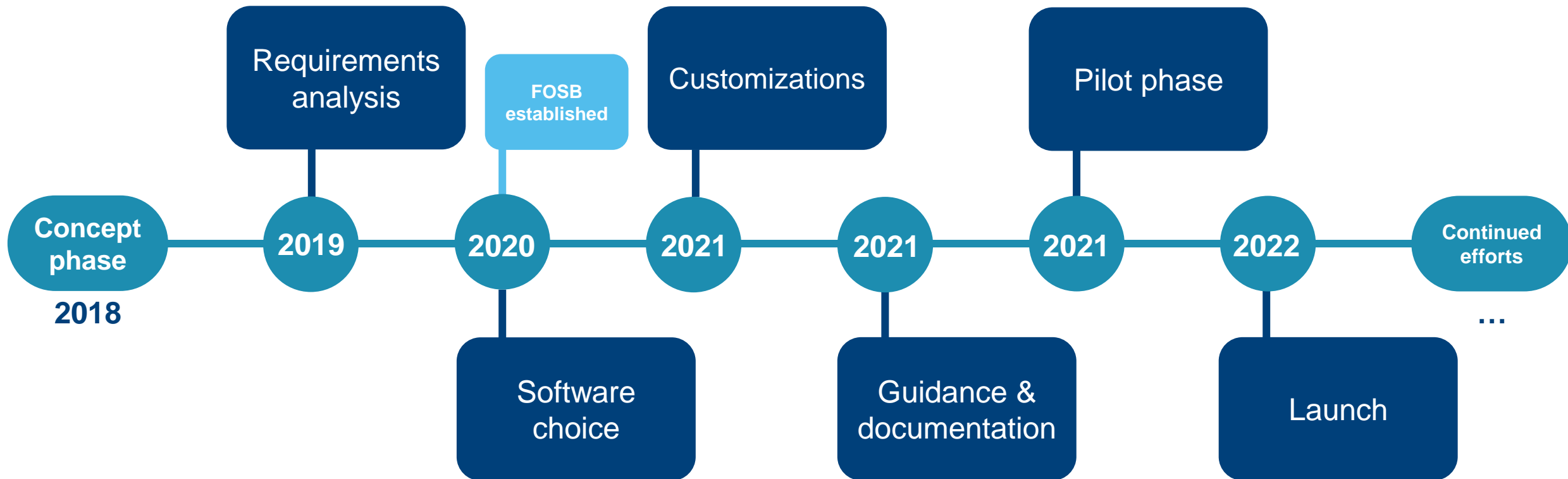
20-01-2022

Ready to share and publish not just your research paper, but also your research data? Then find out more about RDR, the new, free KU Leuven environment made to share your research data and safeguard it for years to come.

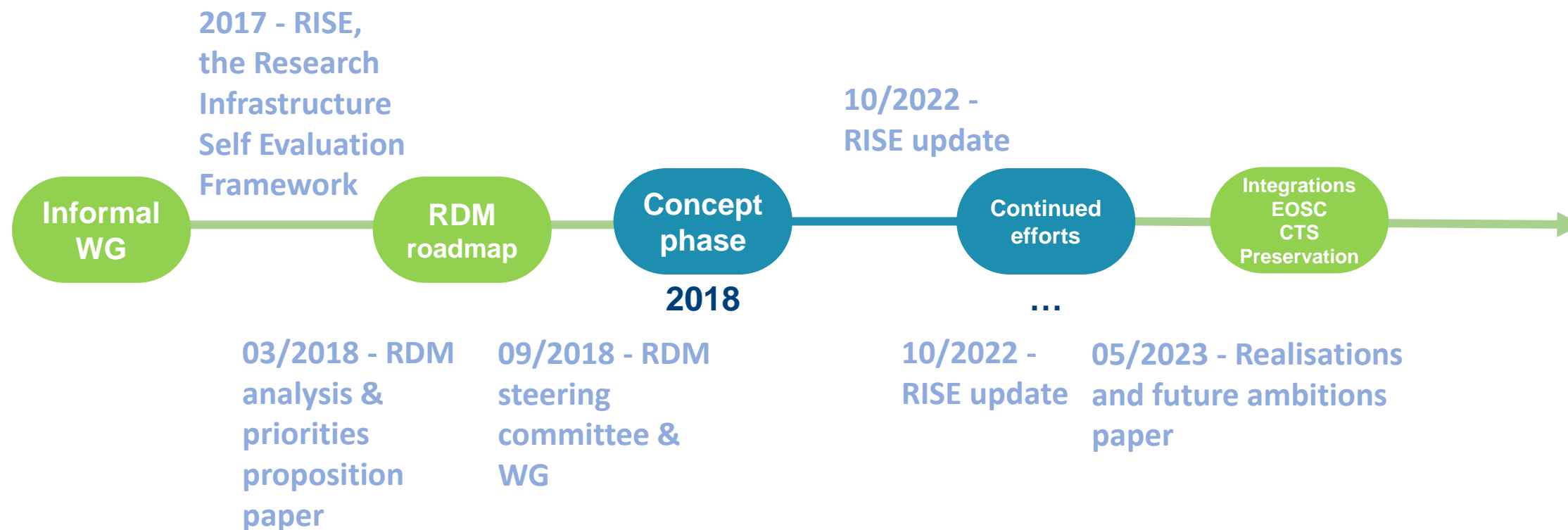
[Read more](#)

<https://rdr.kuleuven.be/>

Implementation trajectory



Past, present, future



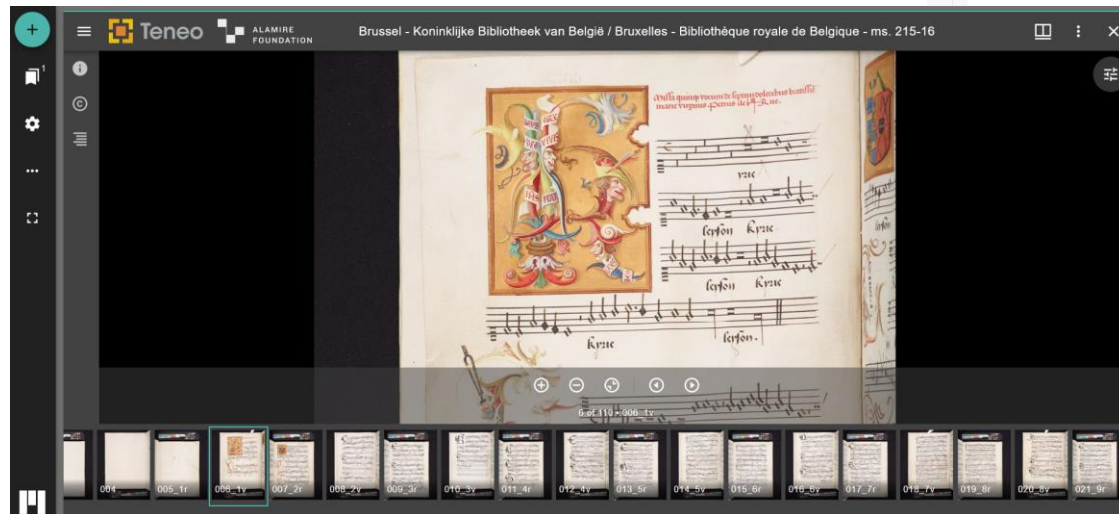
Be involved in the baking process

- Network
- Negotiate
- Collaborate
- Contribute
- Extend expertise
- Trust in staff
- Deliver



A partner in research infrastructure projects

A partner in small to medium scale research infrastructures



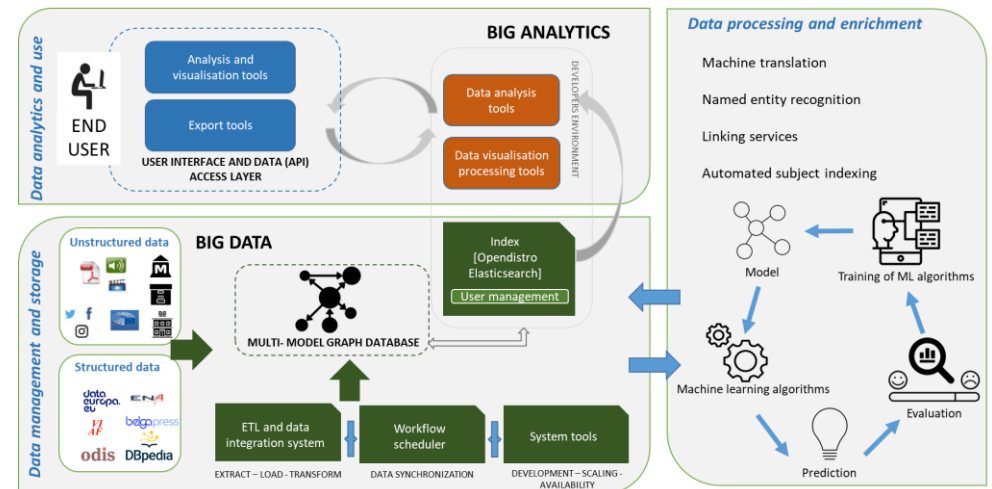
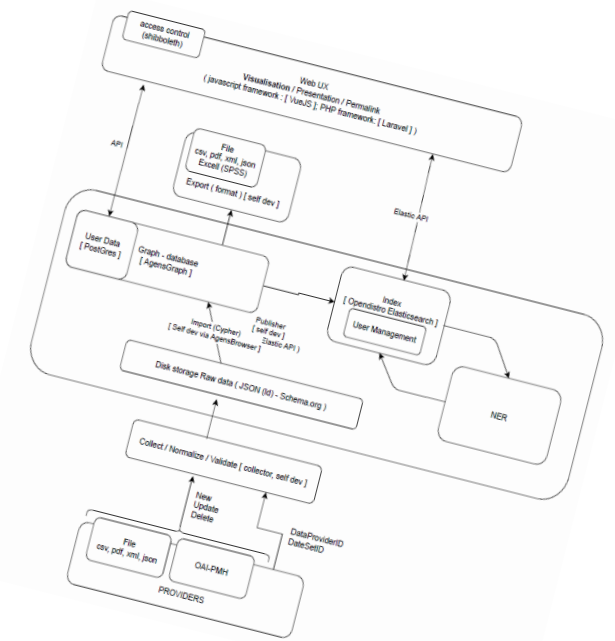
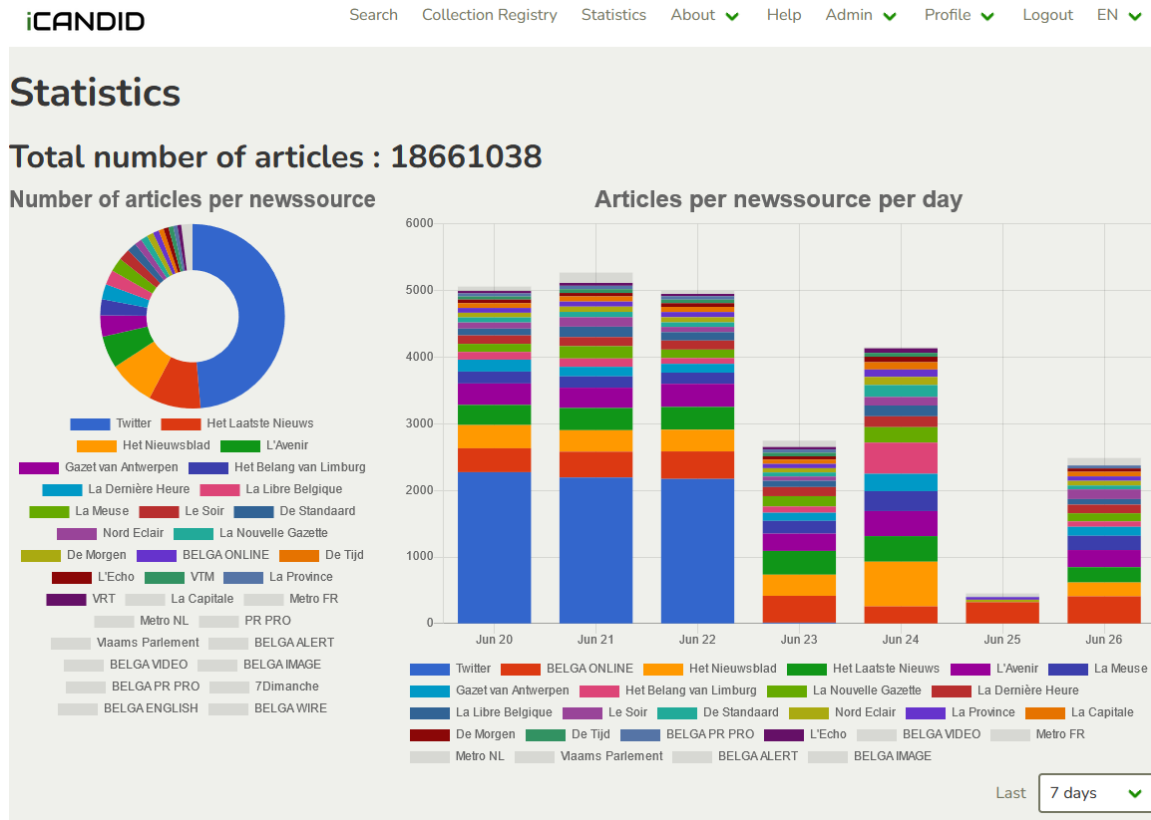
<https://idemdatabase.org/>



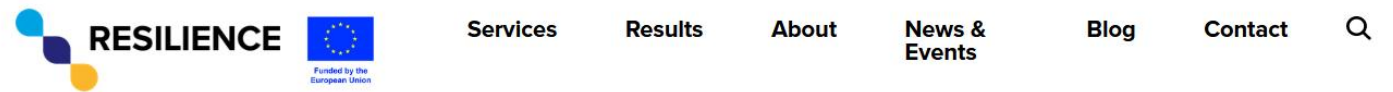
<https://hiw.kuleuven.be/digitalhusserl/>



A partner in large scale research infrastructures




A partner in large scale research infrastructures



RESILIENCE is a unique, interdisciplinary and invigorating research infrastructure for **Religious Studies**, building a high-performance platform, supplying evolving tools and big data to scholars from all the scientific disciplines crossing religions in their diachronical and synchronical variety



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- ☐ Van Doren, R. (664)
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- ☐ Van Dyck, L.C. (144)
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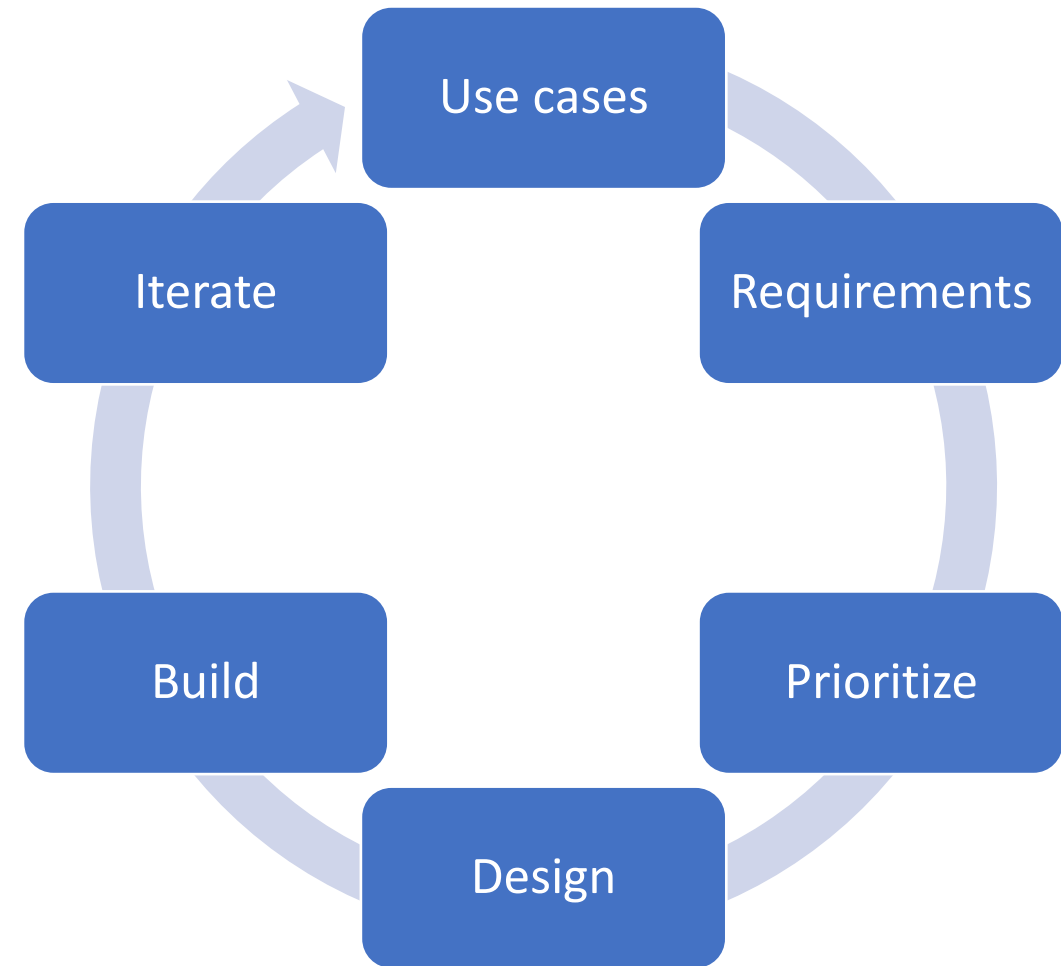
BOOK
Bijbel van Anjou
around 1340
KU Leuven Libraries Maurits Sabbe



BOOK
Bijbel der natuur
Donat, Samuel Gottlob

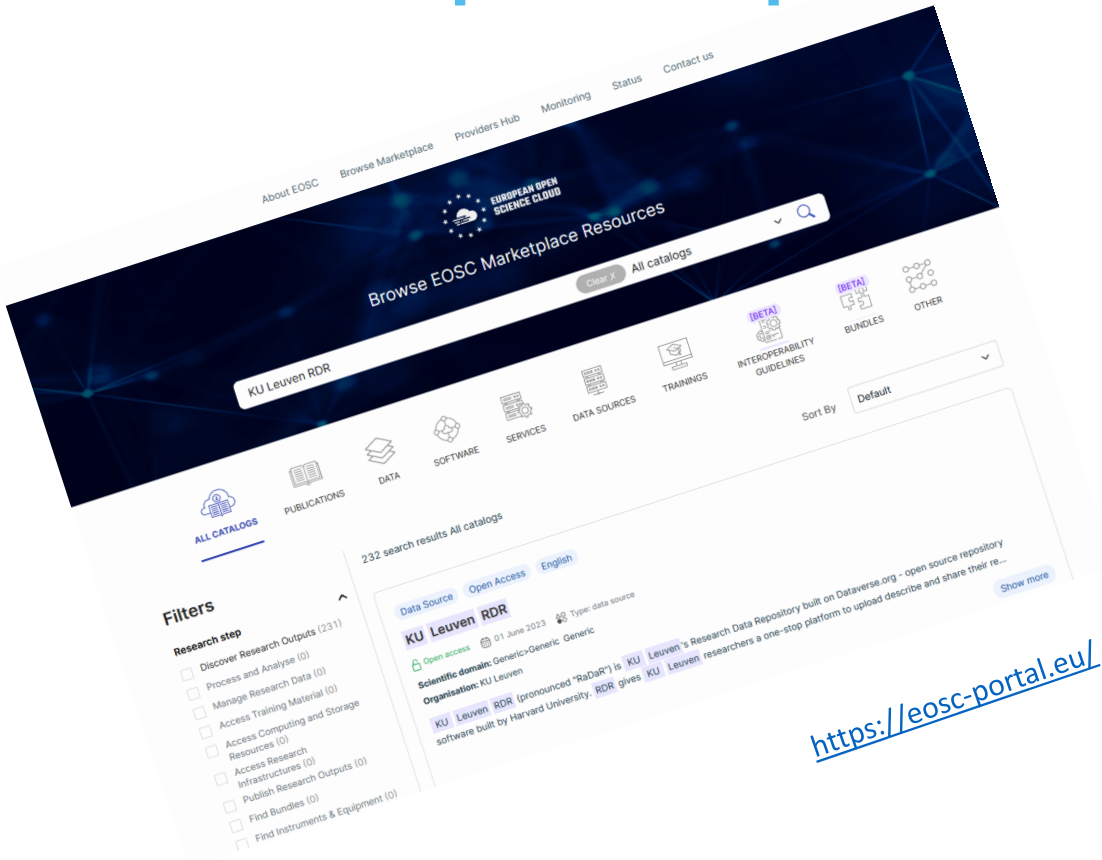
Our approach in research infrastructure projects

- Collaborative proposal writing
- Technical budgeting & project planning
- Technical lead & development partner
- Development of digital strategies
- FAIR expertise & implementation
- Sustainability planning
- Looking out for new opportunities & synergies



EOSC as a facilitator for Open Science and FAIR data sharing

Active participation



news events · news · KULeuven received OCRE funding for iCANDID 3.0 SSH FAIR Data Hub project

KULeuven received OCRE funding for iCANDID 3.0 SSH FAIR Data Hub project

Flemish Research Data Network

The Flemish Research Data Network (FRDN) of Flemish universities and research institutions shares knowledge and infrastructure to operationalise Open Science policy in Flanders. The following KU Leuven people play an active role in FRDN working group and hub activities.

Hannelore Vanhaverbeke

Coordination Hub

[contact](#)

Veerle Van den Eynden

Knowledge Hub

[contact](#)

Leen Van Rentergem

Werkgroep Infrastructuur

[contact](#)

Sara Decoster

Werkgroep RDM&OS

[contact](#)

Roxanne Wyns

Werkgroep Metadata & Standards

[contact](#)

European Open Science Cloud Association

European Open Science Cloud Association (EOSC-A) Task Forces focus on specific themes related to important issues in the scope of the realization and implementation of the European Open Science Cloud. The following KU Leuven people actively participate in specific task forces.

Ingrid Barcena Roig

[Technical Interoperability of Data and Services Task Force](#)

[contact](#)

Philip Brusten

[Authentication and Authorization Infrastructure Architecture Task Force](#)

[contact](#)

Maxime Van den Bossche

[Infrastructures for Quality Research Software Task Force](#)

[contact](#)

Roxanne Wyns

[Long-Term Data Preservation Task Force](#)

[contact](#)

<https://www.kuleuven.be/rdm/en/team/international>

EOSC Future User Group

Benefits

Why collaborate in projects

- Brings new innovations
- Supports researchers in their work
- Diversifies the team
- Expands the teams' horizon
- Leads to synergies
- It's appreciated and fulfilling



Prerequisites

Successful ingredients

- Open mind for opportunities
- Not afraid of the unknown
- An organisation that supports you
- A “translator” / proposal writer
- Resources to buy ingredients
- Partnership
- An option to fail
- Make choices



Challenges

The difficult things

- Good (IT) staff is hard to find
 - You will want to keep them
- Good budgeting
 - Be involved in proposal writing
- Attention for sustainability
 - Assist research groups with business plan
- Continuous communication is key
 - Infrastructure not known is not used



Questions?

Thank you!
Roxanne.Wyns@kuleuven.be