#EOSCsymposium23

Leveraging global data communities

in regional initiatives and cross-border infrastructures

21 September | 15.45 - 16.45

eosc

EOSC Future

EU23 SPANISH PRESIDENCY COUNCIL OF THE EUROPEAN UNION

Funded by the European Union

Visit: Slido.com for Q&A and panel

Enter code: unconference

8 min	Welcome and introduction to RDA / Data together
3x8 min	ESFRI RI perspectives CESSDA, CLARIN, ELIXIR
8 min	European support actions to promote RDA / Data together
15+ min	Q&A and panel on benefits, strategies and impact
<5 min	Wrap-up and take-away message

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Welcome and introduction to RDA / Data Together

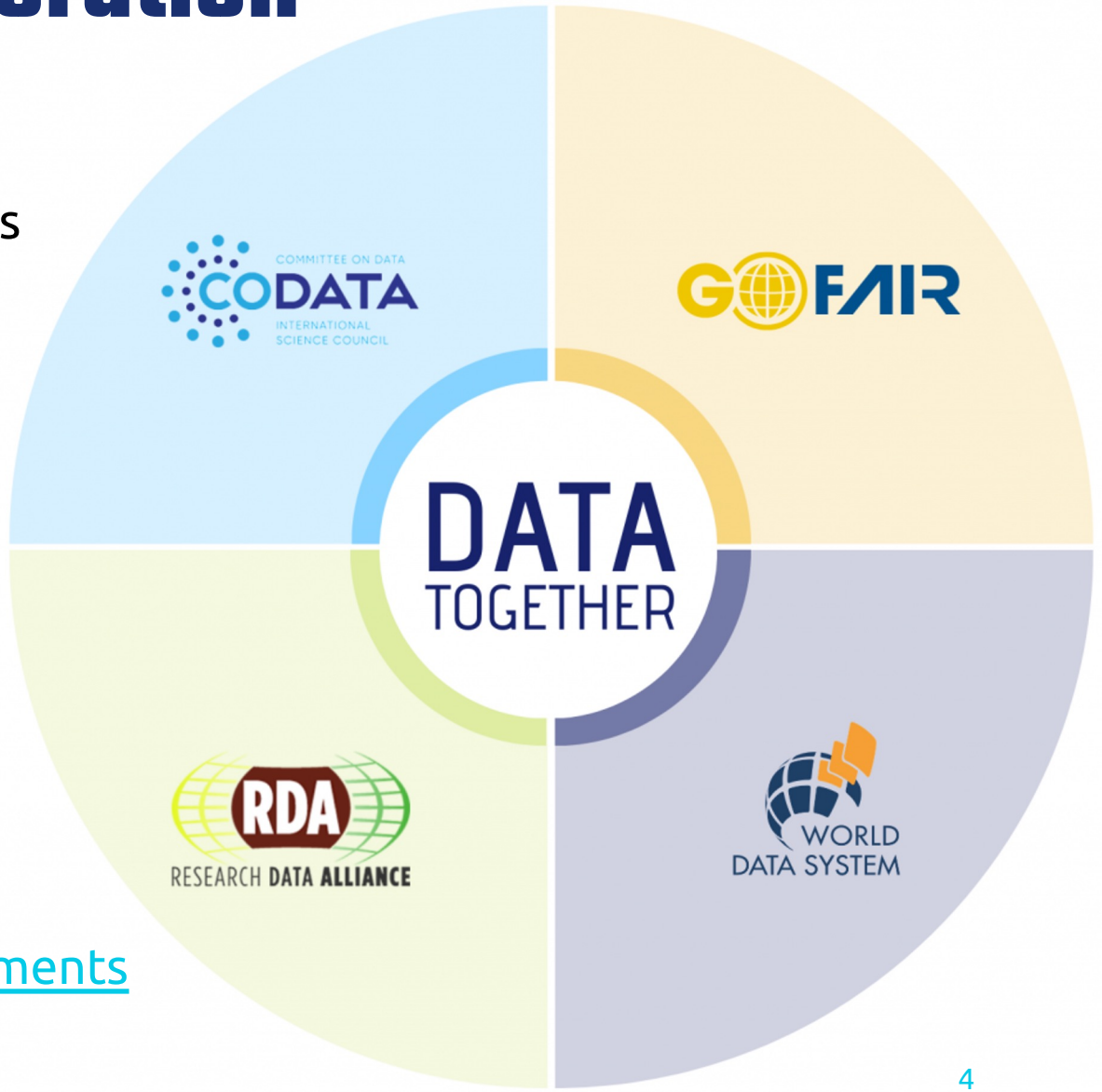
Wolmar Nyberg Åkerström

NBIS, SciLifeLab, Uppsala University / ELIXIR Sweden

Q&A and panel

The Data together collaboration

- Four major international data organisations to optimize the research data ecosystem
- Joint activities across communities, such as Interest and Working Groups and the International Data Week event
- Connecting regional efforts towards a Global Open Research Commons
- Actively supporting global engagement



https://rd-alliance.org/news-media/joint-statements

The Research Data Alliance

- A global forum to enable open sharing of scientific data across disciplines, technologies and countries
- Working and Interest Groups formed by its individual members from academia, industry and governments across the globe
- Launched in 2013 and organised its 20th RDA Plenary Meeting this year
- Long-standing and rewarding exchange between ELIXIR and the RDA

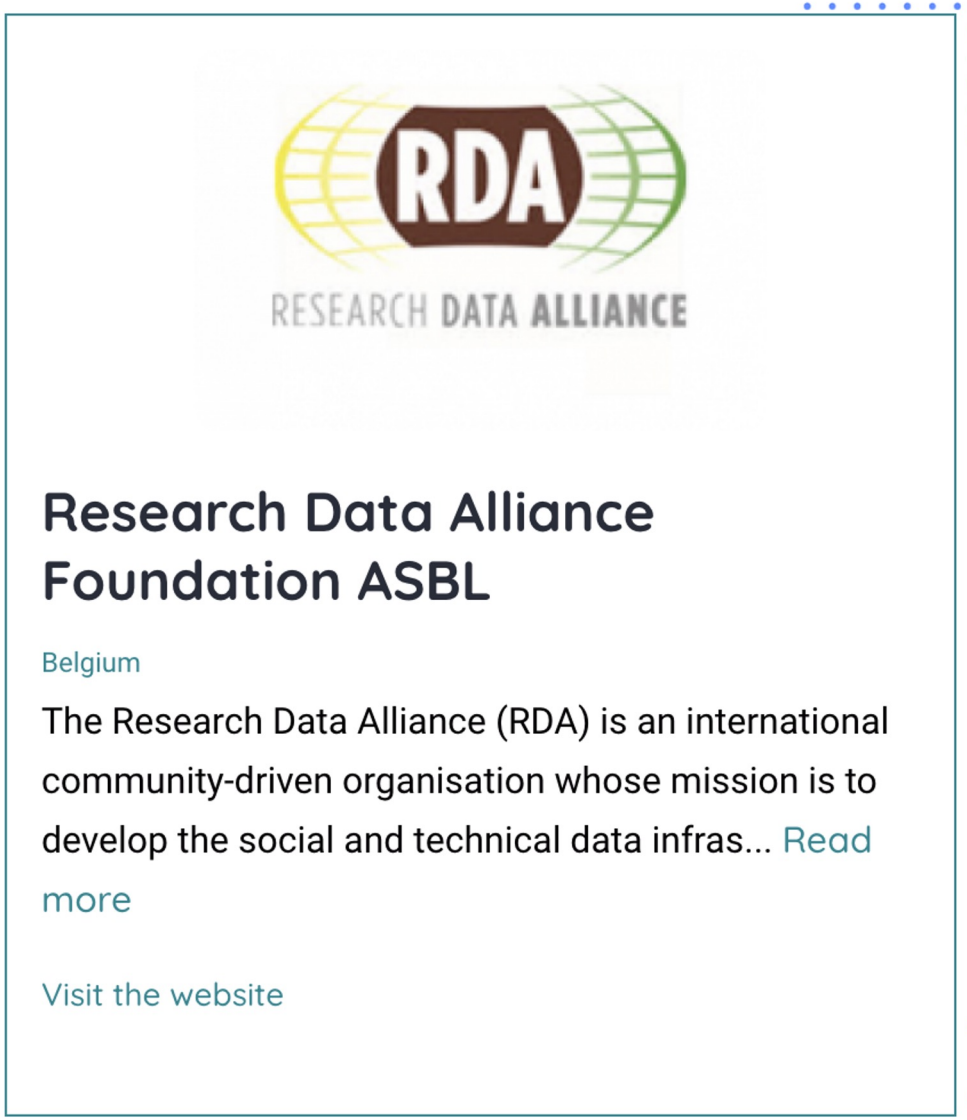
https://www.rd-alliance.org/about-rda

RDA
RESEARCH DATA ALLIANCE

RDA in Europe

- Regional office is an EOSC Association member and supported by European grants
- National groups animated by RDA volunteer members who have offered to be a contact point
- **RDA TIGER** : **R**esearch **D**ata **A**lliance facilitation of **T**argeted **I**nternational working **G**roups for **E**OSC-related **R**esearch solutions
- EOSC Future RDA grants and ambassadors

https://www.rd-alliance.org/rda-europe
https://www.rd-alliance.org/groups/national-groups
https://eoscfuture-grants.eu/meet-the-grantees



RDA in practice

- RDA Plenary meetings twice a year
- Groups are formed by members submitting a case statement and assigning 2–4 co-chairs
- Activities are self-organised but supported with a page, mailing list and a structure provided by the RDA
- Working Groups (WG) are short lived and work towards concrete deliverables while Interest Groups (IG) serve as platforms for communication and coordination

https://www.rd-alliance.org/groups

"The **Work** of RDA is done by the volunteer community through self-formed, focused Working Groups and exploratory Interest Groups to build the social and technical connections and bridges"

The **Business** of the RDA is to support that community and facilitate the **building and using of the bridges** that enable open sharing of data."

10 000+ members

105 active groups,

50+ outputs

~900 participants at plenaries

Rundown of RDA 20th Plenary Meeting

21-23 March 2023, Gothenburg, Sweden and Online

62 countries across 6 continents
719 global participants
of which
489 onsite and 230 online

Asia: 12 countries, 45 attendees
Africa: 4 countries, 6 attendees
Europe: 28 countries, 501 attendees
North America: 4 countries, 124 attendees
South America: 5 countries, 15 attendees
Oceania: 3 countries, 28 attendees

CHALMERS
UNIVERSITY OF GOTHENBURG
SND Swedish National Data Service
RDA RESEARCH DATA ALLIANCE
A Decade of Data 2013-2023

https://www.rd-alliance.org/rdas-20th-plenary-highlights

Life Science Data Infrastructures IG

Recognised & Endorsed

Chairs

Jeff Christiansen, Australian BioCommons
Nicola Mulder, H3ABioNet Africa
Susan Gregurick, US NIH Office of Data Science Strategy
Wolmar Nyberg Åkerström, ELIXIR Europe
Elisha Wood-Charlson, US DOE KBase

Aims and objectives

Serve as a bridge between life science data infrastructures in different regions and relevant RDA Groups, including specific subtopics of the life sciences and generic topics that can/should be applied in the life sciences.

Achievements

P20: Infrastructure supporting the FAIR principles in life science research practice
Overview of digital asset management challenges that infrastructures are working to solve on behalf of their user communities

What's next?

P21: Key aspects of FAIR for infrastructure solutions in the biomolecular life sciences
Synthesis of recommendations that can help life science infrastructures better support FAIR digital assets and enhance their infrastructure's FAIR capabilities across the life sciences landscape and around the research data lifecycle

CC BY SA

Home » Working and Interest Groups » Interest Group » Life Science Data Infrastructures IG

IG

Life Science Data Infrastructures IG

Taxonomy: Natural Sciences, Natural Sciences/Biological sciences, Medical and Health Sciences, Agricultural Sciences

Posts | Create Wiki index | Events | Repository | Outputs | Charter | Plenaries | Members

create new content

Group Status: IG Established

Join Group

IG

Group details

Status: Recognised & Endorsed
Chair (s): Jeff Christiansen, Nicola Mulder, Susan Gregurick, Wolmar Nyberg Åkerström, Elisha Wood-Charlson
Case Statement: Download
IG Established

https://www.rd-alliance.org/groups/life-science-data-infrastructures-ig

Life Science Data Infrastructures IG session

https://www.rd-alliance.org/infrastructure-supporting-fair-data-principles-life-science-research-practice

90 minutes: Group updates + topic

- Overview of digital asset management challenges in life science data infrastructure
- Exploring how infrastructure solutions also support the FAIR principles
- Towards synthesis of best practice recommendations
- Result from survey of 10-20 infrastructures across different geographical regions
- 7 flash talks

Infrastructure supporting the FAIR data principles in life science research projects

RDA Research Dat... 360 subscribers Subscribe 1 Share

https://www.youtube.com/watch?v=o23nEyLMxXQ

ELIXIR Bridging Force IG sessions past

2015-09 Paris	P6: New group introduction
2016-03 Tokyo	P7: "Reference data in the Life Sciences" (w/BioSharing)
2016-09 Denver	P8: "The FAIR Data Principles" (w/BioSharing) + other
2017-03 Barcelona	P9: "What's happened in the life sciences" (w/BS)
2017-09 Montreal	P10: "making data, resources and standards FAIR" +BS
2018-03 Berlin	P11: "Core data resources" + BioSharing + Biodiversity
2018-10 Gaborone	P12: "Inclusion of Digital Sequence Information into the Access and Benefits Sharing mechanism under the the Nagoya Protocol" +BioSh+Biodiversity+IGAD
2019-03 Philadelphia	Skipped
2019-09 Helsinki	P14: "Access to human data makes a difference" +Health Data+FAIRSh
2020-03 Melbourne	P15: Submitted, but not done when it became virtual
2020-10 Costa Rica	P16: "RDA in the Life Sciences"
2021-04 Edinburgh	P17: "Integration and linking between Biodiversity and Life science data - towards a shared global knowledge graph"
2022-06 Seoul	P19: "Life Science Data worldwide"

Examples of relevant RDA groups

Life science communities

Agricultural data

Agrisemantics

Wheat Data

Rice Data

Capacity development for Agriculture Data

Health Data

Life Science Data Infrastructures

Biodiversity

Blockchain applications in health

FAIR HRPO

Covid-19

Technical and other data communities

CURE-FAIR

Data Citation

Metadata

Data Fabric

Data Description Registry

Data Type Registry

Data Granularity

Data Discovery Paradigms

Data Versioning

Discipline-specific DMPs

maDMPs

FAIR data maturity model

FAIR for research software

FAIRSharing

Data Fitness for use

Data Repository Attributes

Data Rescue

Data Foundations and Terminology

Domain repositories

Disciplinary collaboration framework

Federated Identity Management

Professionalizing Data Stewardship

Legal Interoperability

Privacy Implications

Sensitive Data

Software Source Code

VRE

Vocabulary services

23-26 OCT

2023

SALZBURG

International Data Week

A FESTIVAL OF DATA

https://www.rd-alliance.org/plenaries/international-data-week-2023-salzburg

Organised by

COMMITTEE ON DATA CODATA INTERNATIONAL SCIENCE COUNCIL

RDA RESEARCH DATA ALLIANCE

WORLD DATA SYSTEM

Hosted by:

SALZBURG CONVENTION BUREAU

PARIS LODRON UNIVERSITY SALZBURG

SALZBURG CONGRESS

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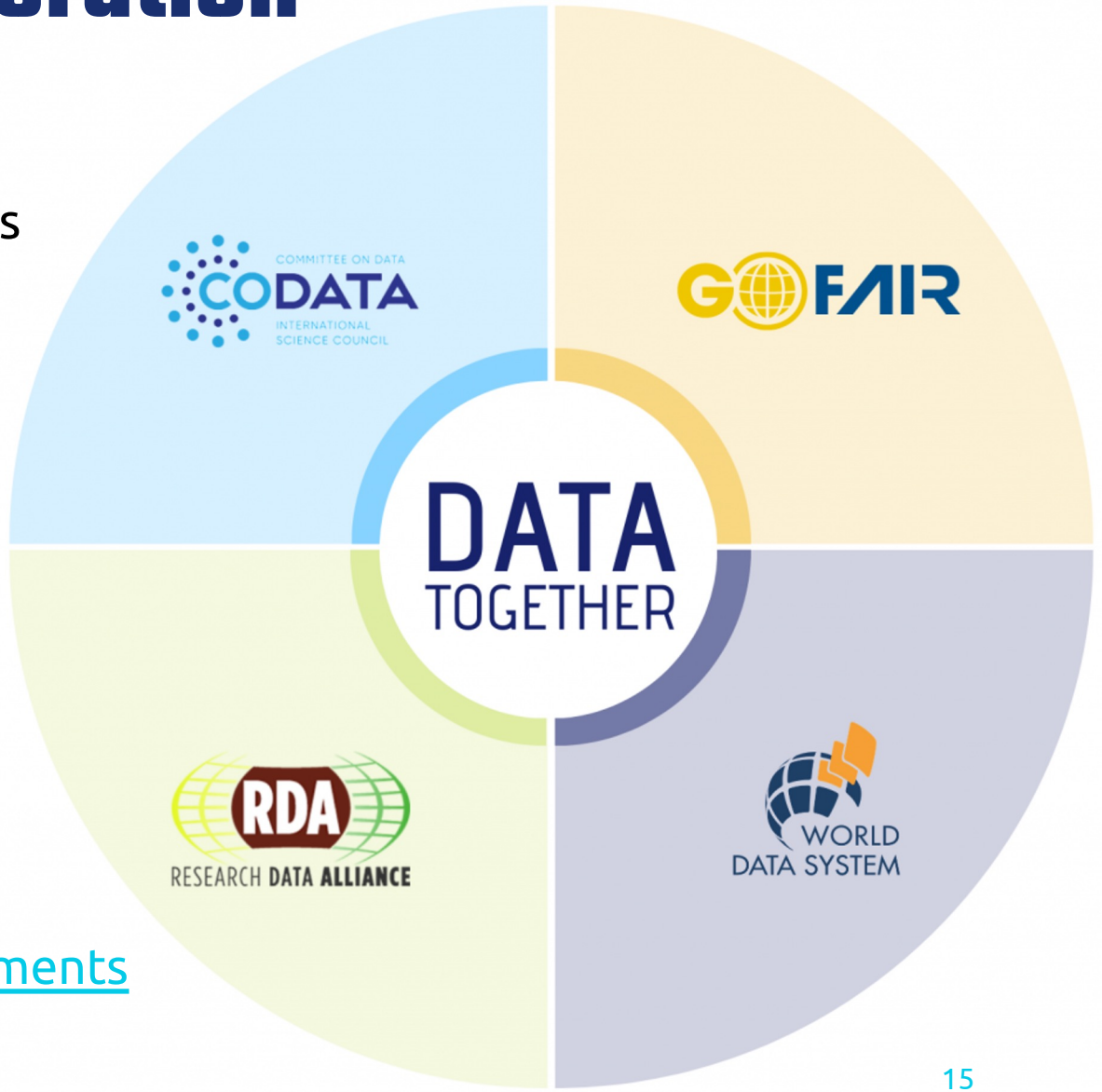

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