Welcome to RDA for Newcomers!

Agenda

1. Welcome and introductions
2. Welcome to RDA and RDA Governance - Hilary Hanahoe, RDA Secretary General
   - Mark Leggott (RDA Council, WG and IG co-chair)
   - Sarah Ramdeen (RDA Technical Advisory Board, IG co-chair)
3. How RDA works - Stefanie Kethers, RDA Director of Operations
   o Working and Interest Groups
     - Kathryn Unsworth (RDA WG co-chair)
   o Outputs, Recommendations and Adoption
     - Jens Klump (RDA IG / WG co-chair)
   o How to make the most of the RDA Virtual Plenary
     - Amy Nurnberger (RDA Organisational Advisory Board member and IG co-chair)
3. Open discussion and networking

How the Research Data Alliance Works

Working and Interest Groups

… are the RDA Working and Interest Groups

How Do WGs and IGs Work?

- A number of people from different backgrounds, regions, etc. coming together to work on a specific topic
- 2-4 Co-chairs facilitate the group
- Regular virtual meetings / teleconferences
- Meetings at Plenaries
  - Working meetings
  - Joint sessions with other groups

The Heart of RDA …

Working Groups

☐ Develop and implement tools, policy, practices & products for data management that are adopted and used by projects, organisations, communities

☐ TIMING: 12-18 MONTHS

RECOMMENDATIONS: Concrete deliverables - "Running code", tools, standards, etc.

Interest Groups

☐ Focus on solving a specific data sharing problem and identifying what kind of infrastructure needs to be built.

☐ TIMING: as long as group is active

OUTPUT: Possibly case statements for new WGs, guidelines, best practice, etc.

Communities of Practice (coming soon)

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New: Communities of Practice

Working Groups

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Communities of Practice

- Domain / disciplinary focus, coordination and awareness raising role. "Umbrella group"

- TIMING: as long as CoP is active (review every 18 months)

OUTPUT: New WGs & IGs, bridge building across RDA and externally.

Working Groups (WGs)

- 12-18-month lifespan
- Develop and implement specific tools, code, best practices, standards, etc.
- Outputs include:
  - Adoptable and adopted **Recommendations**
  - Supporting Outputs (optional)
- Group members should include adopters from the start

Interest Groups (IGs)

- No specific lifespan – some have been around since 2013
- Platform for interested people to come together
- May act as an umbrella group for several Working Groups, e.g. Agricultural Data IG (IGAD)
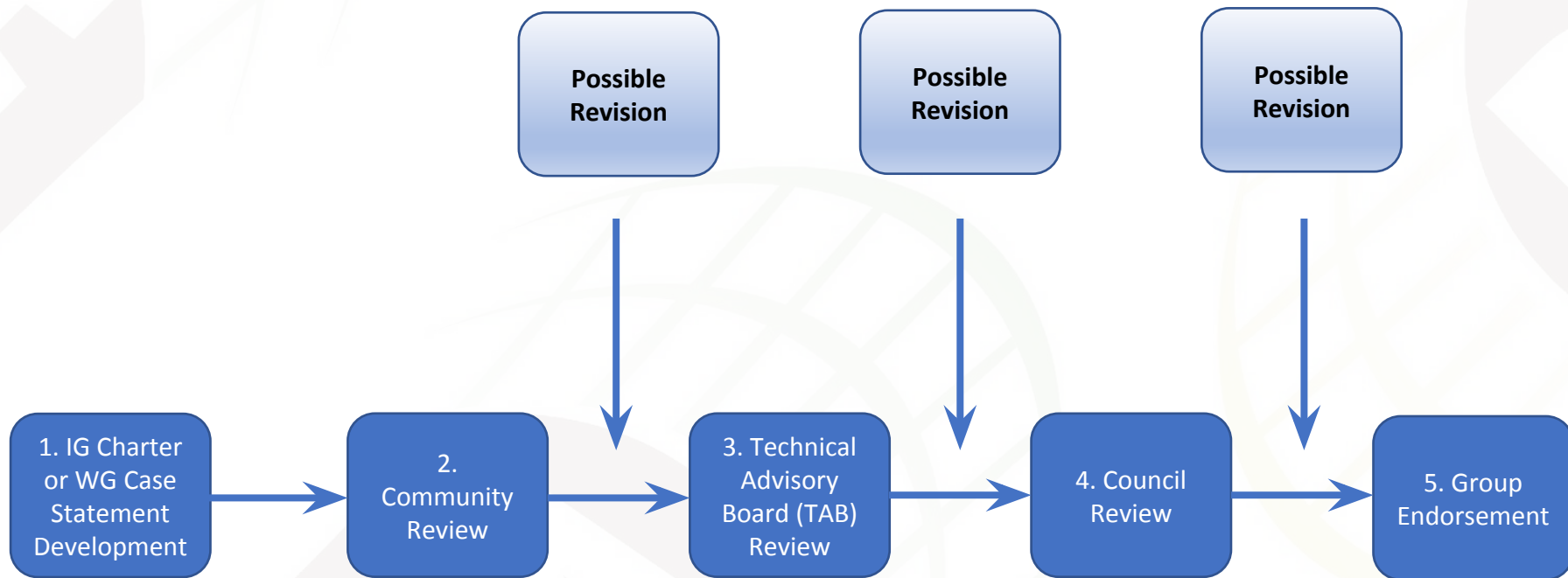- Possible Outputs include WGs, Supporting Outputs, etc.

Starting an Interest or Working Group

- Any RDA member can start an IG or WG
  - By using "Initiate New Group" in the "Groups" menu
  - By requesting and running a Birds of a Feather (BoF) session at a Plenary

- Before starting an IG or WG
  - Please make sure the proposed topic is not already being addressed in an existing IG or WG
  - Each RDA group needs to follow the RDA Guiding Principles – see https://www.rd-alliance.org/about-rda
  - Check out our primer for RDA group chairs
  - Check out the pages on Creating or Joining an RDA IG or WG

Endorsement Process for IGs and WGs

How the Research Data Alliance works

Outputs and Recommendations

Types of RDA Outputs

- Recommendations
  - Produced by RDA Working Groups
  - Formal endorsement process
  - Official, endorsed results of RDA
  - Need to be adoptable and adopted

- Supporting Outputs
  - Produced by RDA Working or Interest Groups
  - Undergo community review
  - Useful solutions, but don't have to show adoption

- Other Outputs
  - Resources requested by a Working Group or Interest Group to be published on the RDA website
  - No level of endorsement

A Closer Look at RDA Recommendations

- "Flagship outputs" - official, endorsed results of RDA

- Every WG should develop at least one

- May include specifications, taxonomies or ontologies, workflows, schemas, data models, etc.

- Comparable to other organisations' "specifications" or "standards"

- Have RDA DOI minted

- After endorsement: published in *RDA Official Documents* collection in Zenodo

A Closer Look at RDA (Supporting) Outputs

- Supporting Outputs
  - Useful solutions from RDA WGs and IGs
  - May not be as clearly adoptable by organisations as RDA Recommendations
  - Have RDA DOI minted
  - After successful community review: published in *RDA Official Documents* collection in Zenodo

- Other Outputs
  - May be published in *RDA Related Documents* collection in Zenodo

Outputs Catalogue

Outputs & Recommendations

RDA Outputs are the technical and social infrastructure solutions developed by RDA Working Groups or Interest Groups that enable data sharing, exchange, and interoperability.

These Outputs have an important impact in two areas: solving problems, and incorporation and/or adoption in infrastructure environments by individuals, projects and organisations. As an organisation, RDA's goal is to expand awareness and adoption of these Outputs, and hence their impact, within all regions of the world. RDA Outputs are products of the respective Working or Interest Group and should be demonstrably developed and endorsed by the group. Each Output should have the respective Working or Interest Group listed as an author where appropriate.

RDA Outputs are classified as **RDA Recommendations** (official, endorsed results of RDA Groups), **Supporting Outputs** (useful solutions from our RDA Working and Interest Groups) or **other Outputs** - more information can be found at https://www.rd-alliance.org/recommendations-outputs. **They are all listed below and can be searched according to their focus, scientific domain, or by status using the filters on the right.** Filters can be combined, too (if more than one filter is selected, results sum up).

Search for Recommendations & Outputs ➜

You can also browse the full list by clicking on the "table view" icon below

Number of results: 49

Search by Status
- ☐ RDA Endorsed Recommendations
- ☐ Recommendations with RDA Endorsement in Process
- ☐ RDA Supporting Outputs

Search for Topics
Select All
- ☐ Data Management
- ☐ Data Collection
- ☐ Data Description
- ☐ Identity, Store, and Preserve
- ☐ Disseminate, Link, and Find
- ☐ Policy, Legal Compliance, and Capacity

Primary Domain
Select All
- ☐ Social Sciences
- ☐ Natural Sciences
- ☐ Engineering and Technology
- ☐ Medical and Health Sciences
- ☐ Agricultural Sciences
- ☐ Humanities

Domain Agnostic
- ☐ Domain Agnostic

https://www.rd-alliance.org/recommendations-and-outputs/catalogue

Adoption Stories

- Documented cases of adoption
  - What was the challenge?
  - What Output did you adopt?
  - How did you do this?
  - What were the benefits?
  - What did you learn?

- Check out the list of adoption stories and the playlist of adoption videos
- Have you adopted an RDA output? Tell us about your experience!

How to make the most of this Plenary

RDA Plenaries

- Take place twice per year in different countries

- Bring together several hundred participants from many different communities – now virtually

- Types of sessions at the Plenary:
  - Breakout sessions
  - Plenary sessions

- Also: Starting point for elections
  - Council (odd-numbered Plenaries)
  - Technical Advisory Board (even-numbered Plenaries)

RDA Session Types

- Breakout sessions for groups to:
  - Advance their work
  - Explore synergies with other groups
  - Attract new members
  - Discuss new topics
  - Establish new groups
- Plenary sessions for RDA to:
  - Present Recommendations, Supporting Outputs, and Adoptions
  - Get feedback from the community
  - Hear keynote speakers and panelists on topics of interest
- Networking sessions for all attendees to meet other RDA members and connect

Navigating the Programme

- More than 70 breakout sessions
  - ○ Working Group sessions
  - ○ Interest Group sessions
  - ○ Joint Sessions
  - ○ Birds of a Feather (BoF) sessions

- Support for finding your way:
  - ○ Colour Coding
  - ○ Plenary Pathways

What are BoFs?

- Birds of a Feather (BoF) sessions are meant to gauge interest in the proposed topic

- A BoF is a session at a Plenary, requested via the Call for Sessions

- Possible Outcomes: Participants decide to
  - work towards establishing a WG
  - work towards establishing an IG
  - not pursue the topic further

Colour Coding in the Programme

12:00 - 1:30 AM UTC (10 November) | **Breakout 2**

- BoF - Optimizing Sensitive Data for Research
- BoF - Visions for Future Research Environments: Services, Processes and Policies (VFRE)
- IG - ⊘ CODATA/RDA Research Data Science Schools for Low and Middle Income Countries: 5 Years of Success. What Should the Next 5 Years Look Like?
- IG - ⊘ Early Career and Engagement: Boosting the Data Mentoring Programme and Guiding You to RDA
- IG - ⊘ ESIP/RDA Earth, Space, and Environmental Sciences: Digging Deeper - How Do We Globally Describe, Store and Interoperate Earth, Space and Environmental Science Data
- IG - ⊘ PIDs: Joining Up the World
- WG - ⊘ RDA COVID19-Epidemiology: Open Meeting
- Joint Meeting - ⊘ RDA/CODATA Materials Data, Infrastructure & Interoperability IG and ⊘ International Materials Resource Registries WG: Open Meeting
- Joint Meeting - ⊘ Repository Platforms for Research Data IG and ⊘ Domain Repositories IG: Approaches for Selecting Research Data Repository Platforms and Sharing Resources to Facilitate Open Science

Colour Coding Legend

Interest Groups (IGs)
⊕ Not yet endorsed
⊘ IG Established

Working Groups (WGs)
⊕ Not yet endorsed
⊘ WG Getting started (approx. 0-6 months after endorsement)
◉ WG Producing deliverables (approx. 6-12 months after endorsement)

● WG Wrapping up (from approx. 12 months after endorsement)
↻ WG Maintaining deliverables (maintenance group)

Plenary Pathways

- Help you identify sessions related to these topics:
  - COVID-19 / Infectious Diseases
  - Disciplinary Approaches
  - The Data Life Cycle, Versioning, Provenance, and Reuse
  - Research Software
  - Data Management Practices
  - Skills and Human Capacity Development
  - The FAIR Agenda

https://www.rd-alliance.org/rda-16th-plenary-pathways

Plenary Pathways Example

COVID-19 / Infectious Diseases

Monday, 9th November 2020, 5:00 - 6:30 PM UTC	**B1**: BoF - Value of Making Data F.A.I.R for Infectious Disease Data Management and Analytics (IDDMA) BoF
Tuesday, 10th November 2020, 12:00 - 1:30 AM UTC	**B2**: WG - RDA COVID-19 Epidemiology: Open Meeting **WG Supporting Output**: Sharing COVID-19 Epidemiology Data
Tuesday, 10th November 2020, 5:00 - 6:30 PM UTC	**B3**: WG - RDA-COVID19: Updates and Next Steps **WG Output**: The final version of the RDA COVID-19 Recommendations and Guidelines for Data Sharing, published 30 June 2020 **WG Supporting Output**: RDA-COVID19 WG Zotero Library
Wednesday, 11th November 2020, 3:00 - 4:30 PM UTC	**Keynote**: Juan Pane PhD - "Open Data and Transparency in Latin American Countries: the Case of COVID-19 data" *Chief Innovation Officer, Centro de Desarrollo Sostenible (Center for Sustainable Development), Paraguay*
Thursday, 12th November 2020, 12:00 - 1:30 AM UTC	**B6**: WG - Epidemiology Common Standard for Surveillance Data Reporting: Open Meeting

How to Navigate the Plenary

- Pick a few areas of interest – see e.g. the Plenary Pathways
- If you are interested in a group:
  - Consider the colour coding
  - Look at the session description
  - Attend the group's session (and please sign in to the session)
  - Contact the group chairs
  - Join the group via the group's RDA page
- If you want to learn about RDA Outputs:
  - Join the Adoption and Outputs Plenary session on Wednesday, 11 November, 21:00 – 22:30 UTC
  - Check out WGs "Wrapping up" or "Maintaining deliverables"
  - Talk to the groups whose outputs you are interested in
- Check out the poster sessions and interact with the poster exhibitors
- Join in the social and networking activities

Vote in the 2020 TAB Election

- [Meet the Candidates](#)
- Voting opens 9 November 2020 at 15:00 UTC and closes 23 November 2020 at 23:59 UTC

Further Information

For more information, including more videos, check out the *RDA for Newcomers* page:

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

THANK YOU VERY MUCH!

RDA

Email - enquiries@rd-alliance.org

Web - www.rd-alliance.org

Twitter - @resdatall

LinkedIn - www.linkedin.com/in/ResearchDataAlliance

Slideshare - http://www.slideshare.net/ResearchDataAlliance

Stefanie Kethers

Director of Operations, Research Data Alliance

Email – Stefanie.Kethers@ardc.edu.au