Agenda

COLLABORATION

| 4.00 | **Workshops Feedback (Plenary)** | *Great Hall* |

Workshop A – Peer Review Innovations   *sponsored by Kriyadocs*

Workshop B – More Power to the Reader

Workshop C – Research Integrity

Workshop D – Open Science in a Resource-constrained World

Workshop E – Enhancing Global South Scholarly Publishing

Workshop F – Pain Points in the Research Process

ROYAL SOCIETY OF CHEMISTRY   MDPI   DIGITAL science   MOSAIC EXECUTIVE SEARCH   Ex Ordo   KGL KnowledgeWorks Global Ltd.   frontiers Publishing Partnerships   kriyadocs   WILEY Taylor & Francis an informa business   Charlesworth An eContigo company

The Researcher *to* Reader Conference   Researcher to Reader   25-26 February 2025   *London*

Workshop A Feedback – Peer Review Innovations

- Objectives & Approach

  - Building on last year's workshop (report available at: https://www.csescienceeditor.org/article/peer-review-innovations/)

    o Discussed the challenges, barriers and potential solutions for each area of innovation identified:

      - Disincentivize malpractice
      - Professional recognition
      - Persistent IDs and user authentication
      - Technology and peer review
      - Quality vs quantity

    o Session 1: Identifying challenges and opportunities

    o Session 2: Designing innovative solutions

    o Session 3: Creating a roadmap for action

1. Institution focused: Disincentivise malpractice (e.g. stop 'publish or perish')
2. Researcher focused: Recognition (e.g. continuing professional development; research assessment)
3. Metadata and infrastructure focused: Widely adopted PIDs / user authentication (e.g. ORCID; something else?)
4. Technology focused: Enable collaborative peer review for greater transparency and engagement
5. Culture focused: Prioritise quality over quantity in submissions and published research

Workshop A Feedback – Peer Review Innovations

- Conclusions
  - Distilled to one solution / action per group
    - Disincentivize malpractice
      - Governing body for peer reviewers – craft mission and vision statement to share with the community for engagement and buy in
    - Professional recognition
      - Governing body for peer reviewers - talk to STM to gauge interest
    - Persistent IDs and user authentication
      - Multi factor authentication of reviewers – engage with Task and Finish group @STM
    - Technology and peer review
      - Enable a registry of reviews across publishers – find a neutral partner and build on existing solutions
    - Quality vs quantity
      - Enhance quality across quantity by reducing amount of peer review – run a trial!

Workshop A Feedback – Peer Review Innovations

- Next Steps
  - Actions plans!
    - Mission and vision for PEER - Publication Ethics & Evaluation Regulatory body
      - Create rotating executive board (6-8 across all stakeholders to ensure fairness)
      - Establish concept (6-12 months), funding, website and pilot (24 months)
      "We want to be what football is to Sunday for Peer Review"
    - Persistent IDs and user authentication
      - Work with STM Solutions' Task and Finish Group to ensure reviewers are included
    - Quality vs quantity: trial of reduced peer review
      - Review only methodology/results to reduce workload for reviewers
      - Identify journals to trial
      - Monitor success via invitation acceptance/quality of reviews submitted

ROYAL SOCIETY OF CHEMISTRY   MDPI   DIGITAL science   Ex Ordo   frontiers Publishing Partnerships   WILEY Taylor & Francis an informa business

MOSAIC EXECUTIVE SEARCH   KGL KnowledgeWorks Global Ltd.   kriyadocs   Charlesworth An ycnsago company

The Researcher to Reader Conference
25-26 February 2025   London
Researcher to Reader

Workshop B Feedback – More Power to the Reader

In a crowded online world, we need **clear**, **concise**, **reliable scientific information** to make decisions about our research, environment and health.

Transparent reporting and plain language can **help non-specialists understand and use** scientific and medical research information and help **time-poor specialists** to keep up to date with developments in their field.
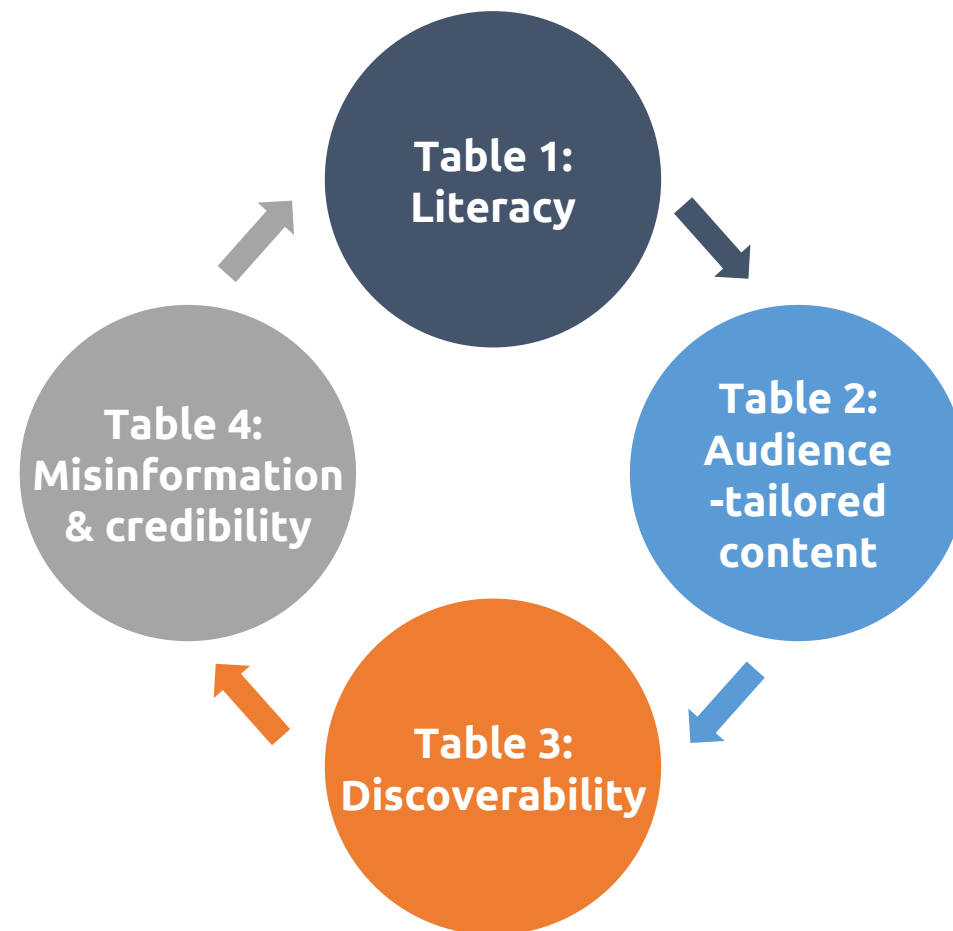
In this workshop, we:

- explored the **value of more readable research content** for multiple audiences, with a focus on authors/researchers, patients/caregivers, healthcare professionals and policymakers

- explored the **barriers to implementation and dissemination** of more accessible research content

- co-create **recommendations to improve accessibility, readability and understandability** of research content for all readers

- identified **research gaps** that should be addressed.

Workshop B Feedback – More Power to the Reader

Workshop B Feedback – More Power to the Reader

To address the barriers identified, we need:

- Stimulation of **critical thinking and education** around research information for non-specialists, and about **communication with multiple audiences** for authors, publishers and editors

- Information in **non-technical language and languages other than English**

- A **variety of formats** tailored to different audiences and preferences (e.g. graphics, video, audio), and tailored to different information needs (e.g. policymakers need to understand the conclusions and implications of the research, patients need to understand implication for their care, etc.)

- **Summaries** to help with information overload and online consumption of content

- **Peer review** of plain language summaries and other types of accessible content

- Improved discoverability through **better metadata** (including persistent identifiers), **indexing**, **clear versioning**, and **dissemination in non-scientific channels**

- **Trust markers**, transparency of peer review and retractions, clarity and consistency between publishers to counteract misinformation and promote credibility

Workshop C Feedback – Research Integrity

MOREBRAINS

Feasibility of technical solutions for the detection of falsified images in research

Phill Jones, PhD

November 13th, 2024

STM
This report was funded by STM

Photo by Fayette Reynolds M.S.: https://www.pexels.com/photo/close-up-of-shiny-rock-texture-11198509/

Original Image — Signed Image — Sent to Publisher → Signed Image — Extracted Image

The hard part isn't the technology...

- Source of trust - Who will guarantee certificates?
- Technology governance
- Standards
- Adoption

ORCID

Common CA Database

https://doi.org/10.5281/zenodo.14107216.

Workshop C Feedback – Research Integrity

Activity: Stakeholder Matrix: Relevance, Willingness and Value
Rate each stakeholder high, medium or low in the columns.

Stakeholder	RELEVANCE		WILLINGNESS	VALUE	
	Contribution to the project (e.g. information or expertise)	Legitimacy (do they have a 'claim' for engagement in the project?)	Willingness to Engage	Influence over other Stakeholders	Necessity of Involvement

Why should a stakeholder be involved?
Will they want to be?
What value do they bring?

- Researchers
- Instrument manufacturers
- Editorial software providers
- Publishers
- Learned societies
- Journal editors
- Institutions
- Funders

Motivations and concerns

Workflow requirements
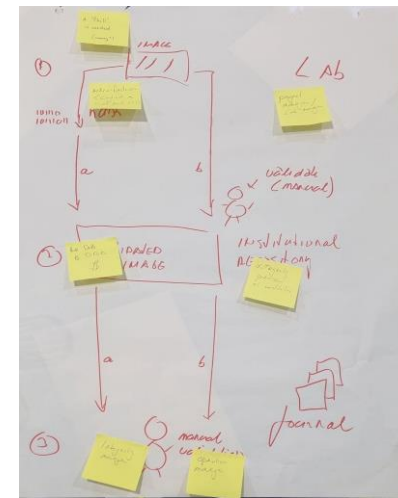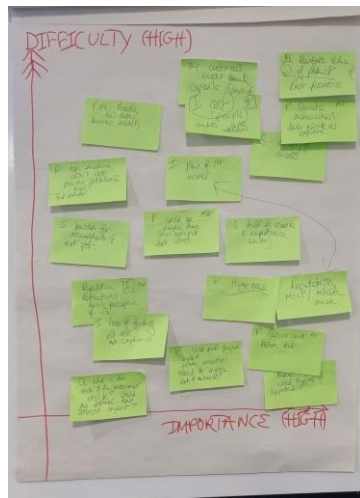
Workshop C Feedback – Research Integrity

- Consensus that image (& data) integrity is a threat to the current publishing paradigm
- It can be thought of as a trustmarker
- Stakeholders all have strong motivations
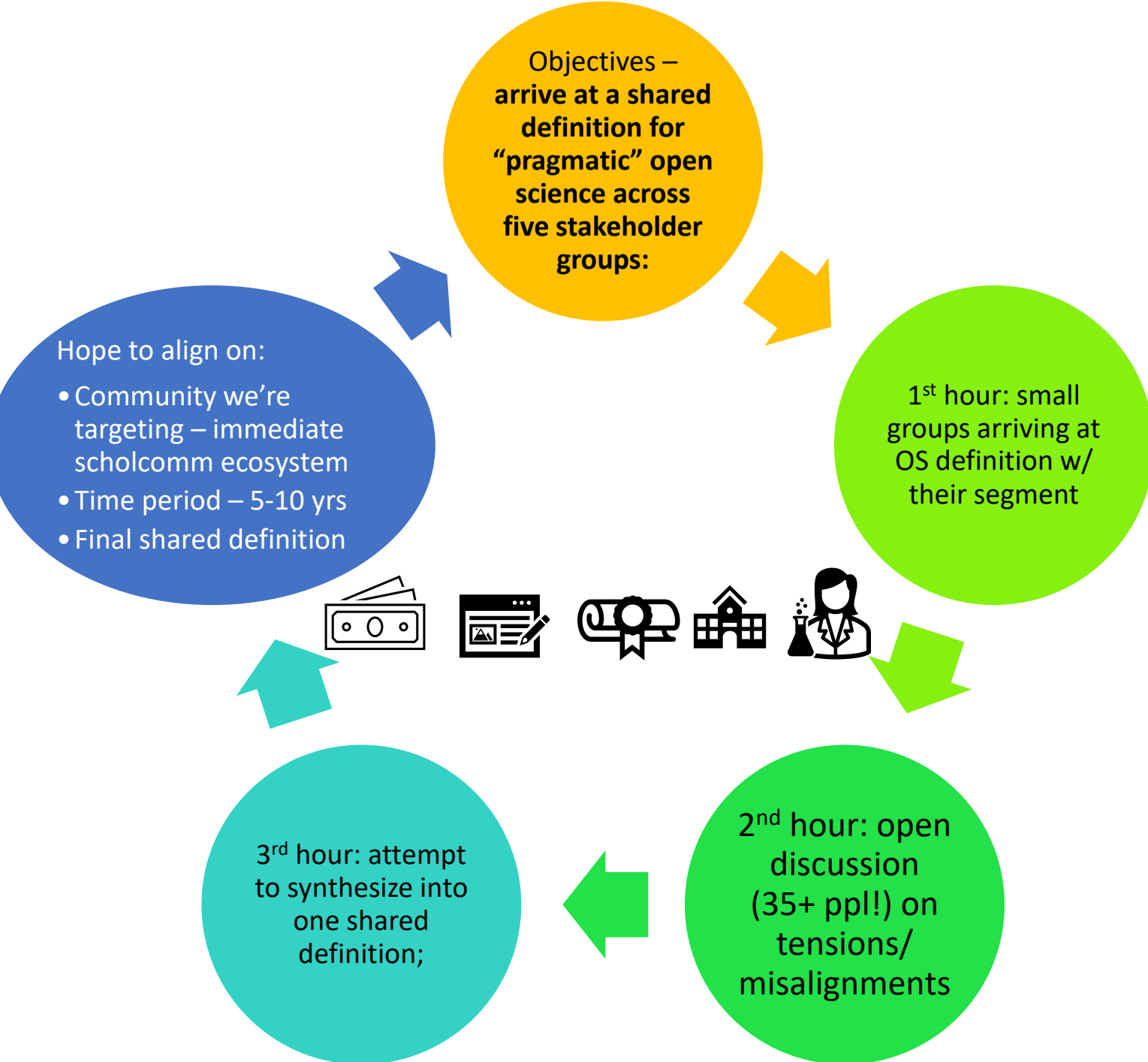- The workshop gave greater insight into requirements/obstacles

Questions:

- Is this easiest way to solve it?
- What are the costs of implementation?
- Will this pose a reputational risk?
- How to get stakeholders to work together?
- How and when can equipment be updated or upgraded?
- How to avoid a two-tier system?
- How to avoid creating extra burden?

Workshop C Feedback – Research Integrity

- 'Springboard project' to convene stakeholders and develop funding proposal (MoreBrains and STM)
  - Outputs: proposal
  - go-no go decision

- Pilot project

  - Drawing on many of the lessons learned so far and today

- Continuing to work with stakeholders to...

  - Raise awareness and socialise the idea
  - Assess interest
  - Develop organisational requirements
  - Identify challenges and develop solutions

ROYAL SOCIETY OF CHEMISTRY   MDPI   DIGITAL science   Ex Ordo   frontiers Publishing Partnerships   WILEY Taylor & Francis an informa business

MOSAIC EXECUTIVE SEARCH   KGL KnowledgeWorks Global Ltd.   kriyadocs   Charlesworth An ycenago company

The Researcher to Reader Conference
25-26 February 2025   London
Researcher to Reader

Workshop D Feedback – Open Science in a Resource-constrained World

Objectives – **arrive at a shared definition for "pragmatic" open science across five stakeholder groups:**

1st hour: small groups arriving at OS definition w/ their segment

2nd hour: open discussion (35+ ppl!) on tensions/misalignments

3rd hour: attempt to synthesize into one shared definition;

Hope to align on:
- Community we're targeting – immediate scholcomm ecosystem
- Time period – 5-10 yrs
- Final shared definition

The Researcher *to* Reader Conference
25-26 February 2025   London

Workshop D Feedback – Open Science in a Resource-constrained World

OS maximizing the impact of my investment thru public access/reuse to all research outputs, while reforming assessment, changing research dissemination infrastructure and support academic freedom

Publicly available to as many ppl as possible while sustainable, ethical, and aware of our position in the ecosystem

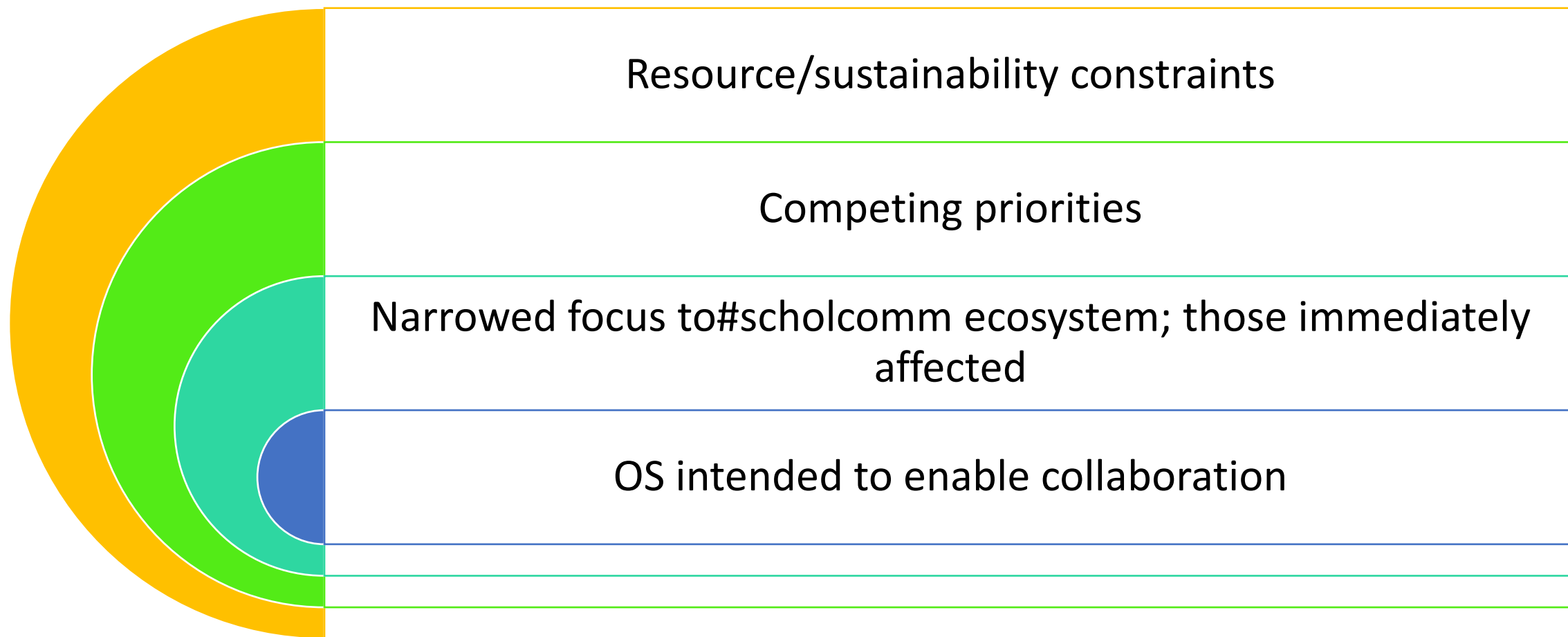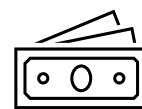Focusing on enabling public access to enable compliance/ visibility of research

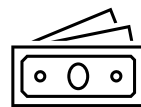Open scholarship/ education for the communities that societies' serve, in the context of mission/business

OS as open necessary to achieve compliance, T&P, further funding

OS definitions by segment

Workshop D Feedback – Areas of agreement

Resource/sustainability constraints

Competing priorities

Narrowed focus to#scholcomm ecosystem; those immediately affected

OS intended to enable collaboration

Workshop D Feedback – Polarities

Ideology or pragmatism?

OS for whom?

Success measures vs. qualities/ descriptors

Open science Priorities word cloud

Next steps:

- Continue discussion via shared Google Doc

- Engaging via OPEN-CAFÉ list-serv

- Finding other forum to push on key polarities: ideology vs. pragmatism; OS for whom?; qualities vs. success measures
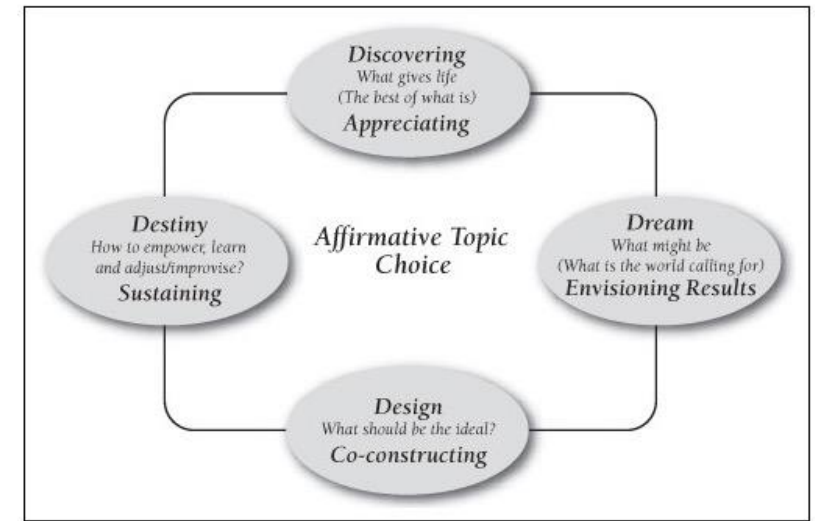
Workshop E Feedback – Enhancing Global South Publishing

Objectives and Approach

To develop strategies for strengthening publishing resources for LMIC journals and editors, with Research4Life

Appreciative Inquiry focuses on what's working

1. **Discover** successful initiatives
2. **Dream** of the ideal future
3. **Design** sustainable solutions
4. **Destiny/Deliver** actionable next steps

ROYAL SOCIETY OF CHEMISTRY | MDPI | DIGITAL science | MOSAIC EXECUTIVE SEARCH | Ex Ordo | KGL KnowledgeWorks Global Ltd. | frontiers Publishing Partnerships | kriyadocs | WILEY Taylor & Francis an informa business | Charlesworth An ycctiago company

The Researcher to Reader Conference
Researcher to Reader
25-26 February 2025   London

Workshop E Feedback – Enhancing Global South Publishing:

Conclusions

Discovery identified four areas for focus:

1. **Global quality journal standard**

2. **Mentoring and peer support**

3. Infrastructure

4. Editor communities

Top two for deeper exploration and action planning

Workshop E Feedback – Enhancing Global South Publishing

Next Steps

1. Global quality journal standards toolkit

- Landscape Review: What's out there e.g. INASP Handbook for Journal Editors
- Partners to contribute e.g. STM, COPE, NISO
- Implement Feedback from Editors
- Create toolkit
- Conduct Workshops
- Consider sustainability

2. Editor Mentoring & Peer Support Program

- R4L to undertake Editor Survey
- Establish Governance/leadership e.g. AUPresses, publishers
- Proposal for sponsorship and funding
- Focus on R4L Country Connectors to identify right countries for a pilot

Workshop F Feedback – Pain Points in the Research Process

What problems do researchers experience when discovering scholarly content?

- **Where** do researchers discover content?
- **What problems** do they encounter?

ROYAL SOCIETY OF CHEMISTRY · MDPI · DIGITAL science · MOSAIC EXECUTIVE SEARCH · Ex Ordo · KGL KnowledgeWorks Global LLC · frontiers Publishing Partnerships · kriyadocs · WILEY Taylor & Francis an informa business · Charlesworth An xcinago company

The Researcher *to* Reader Conference
25-26 February 2025   *London*

Workshop F Feedback – Pain Points in the Research Process

How can the industry collaborate to solve these problems?

- **Search & discovery** process
- **Alternative content/versions** and trust

Questions: What tools and data sources are available? What is missing? What are the barriers?

Workshop F Feedback – Pain Points in the Research Process

What are the best ideas to take forward?

- **Version resolution**
  - Looking at entitlements, credibility, licensing, platform features, ….
  - Combining existing technology and new solutions

- **Reputation score**
  - System of annotated trust markers & networks

ROYAL SOCIETY OF CHEMISTRY · MDPI · DIGITAL science · MOSAIC EXECUTIVE SEARCH · Ex Ordo · KGL KnowledgeWorks Global Ltd. · frontiers Publishing Partnerships · kriyadocs · WILEY · Taylor & Francis an informa business · Charlesworth An yccnago company

The Researcher to Reader Conference
25-26 February 2025   London

Workshop F Feedback – Pain Points in the Research Process

What are the best ideas to take forward?

- **Version resolution**
  - Looking at entitlements, credibility, licensing
  - Combining existing technology and new solut

- **Reputation score**
  - System of annotated trust markers & network