

HELIOS

## Shared Open Scholarship Infrastructure (SOSI) Working Group

*Led by:*

Alicia Salaz, University Librarian  
*University of Oregon*

Mairéad Martin, CIO  
*University of Illinois*

Cynthia Logsdon, Director of Research Academic Programs  
Executive Vice President for Research Office  
*University of Louisville*

*With gratitude:*

John Wilkin, formerly Dean of Libraries and University Librarian  
*University of Illinois*  
now CEO, Lyrasis

## SOSI Working Group Charter

While many conversations about open scholarship focus on **policies** and **incentives**, equally important is a clear understanding of the **mechanics** for openly sharing data, articles, code, and other resources.

Technical and operational considerations such as storage, preservation, metadata standards, and persistent identifiers are critical to enabling open scholarship that is findable, accessible, interoperable, and reusable.

This working group will endeavor to **identify opportunities to leverage existing and/or develop new shared resourcing** to accelerate the adoption of open scholarship practices.

This may include collaboration among HELIOS members, across the broader higher education system, and with other research stakeholders.

# Shared infrastructure (n.)

infrastructure owned and managed by a collective of institutions or organizations with similar goals.

## Researchers



New insights from data reuse, original observations, and computational analysis



## Interfaces

Search, discovery, deposit

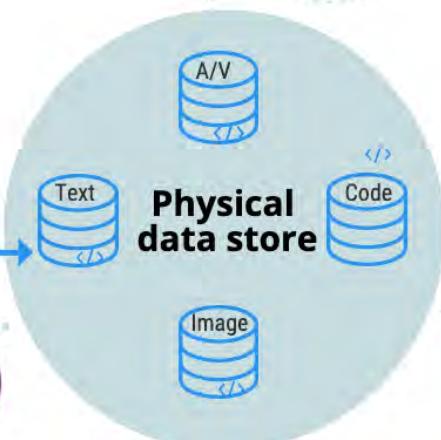
## Computers

Algorithms, AI



## Protocols

Standards for interoperability



Metadata (human and machine-readable)

## Quality control



Metadata standards, peer review, authentication

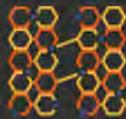


## Our shared priorities:

- Accelerate discovery
- Unleash computational potential
- Secure the human knowledge record for future generations
- Achieve the promise of open scholarship for inclusive and participatory scholarship
- Sustainably address financial costs for institutions

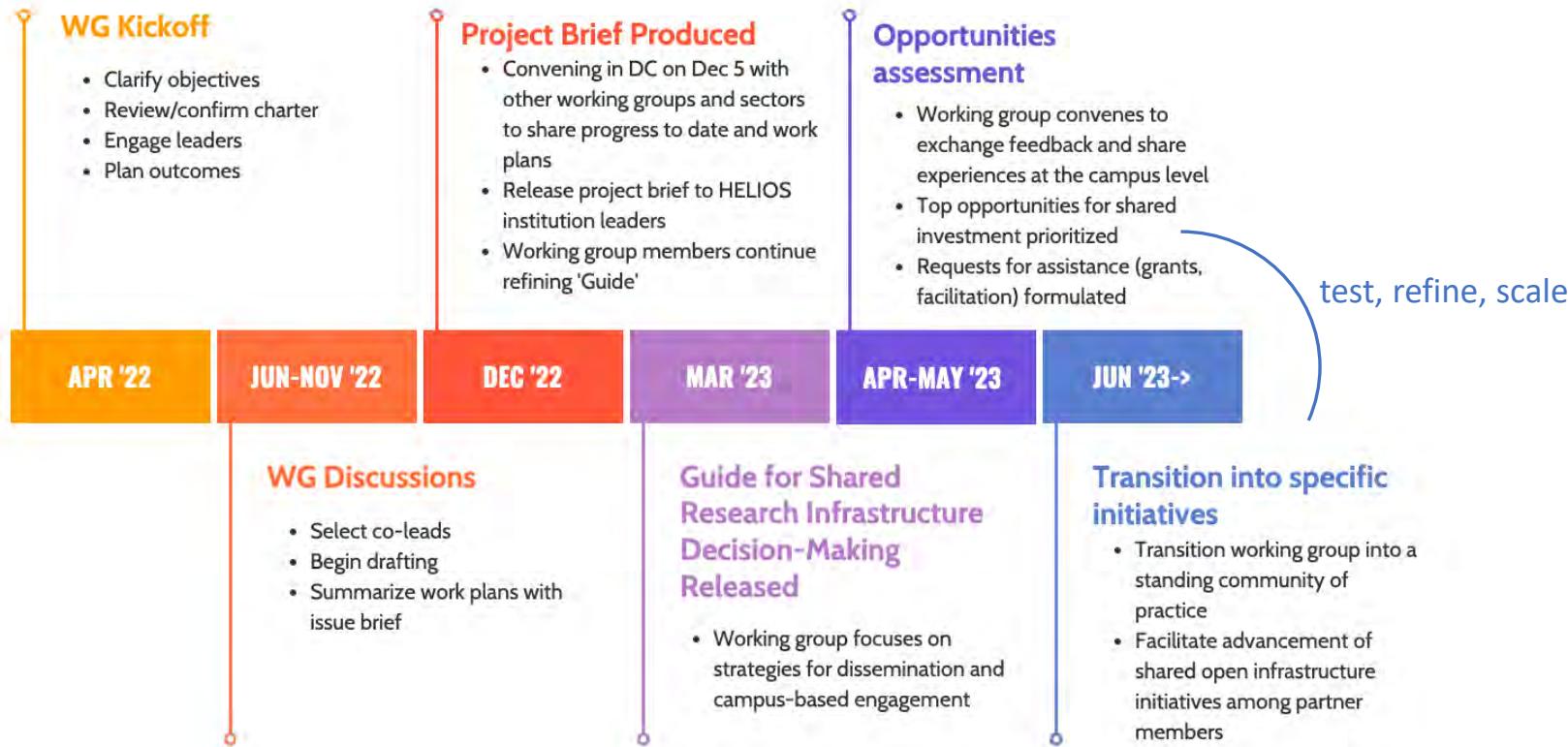






# Shared Open Scholarship Infrastructure Working Group

Timeline, Milestones and Plan

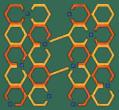


# Our needs

- Cross-institutional and cross-sector engagement (facilitative structure of HELIOS)
  - Feedback from sectors beyond research-institutions on the forthcoming *Guide*
- Federal policy and regulation
- Support for individuals to engage their campuses (authority and resources from HELIOS community of practice)
- Funding assistance



# Thank you



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