

Lessons Learned in the UK from Navigating the FAIR Open Science World:

A Collaborative Approach Leveraging the CRIS for Transforming Scholarly Communications



ChronosHub

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Agenda

01 ●

Lancaster University and its CRIS

02 ●

ChronosHub – putting the researchers first

03 ●

The Collaboration – $1+1 = 3$?

04 ●

Challenges – in all FAIRness

Lancaster and its CRIS



Lancaster Quick Facts

- Located in the scenic Northwest of England
- 16K+ students, 3k+ staff
- About 3k research outputs per year
- Top 10 rated university in the UK
- Using Pure as CRIS since 2011
- Using ChronosHub since 2023



Why Pure at Lancaster?

The objectives of implementing Pure included:

- Reuse data from multiple internal systems (costing, staff, students, PDRs)
- Integrate with repository (ePrints)
- Support the REF submissions by automating a very time-consuming exercise
- Achieve greater visibility of research outputs to the wider public, leading to more collaboration and impact
- Collect all research outputs into a single source, linking academics to their activities & outputs
- Save time on reporting and satisfy author enquiries

Pure

Challenges with the CRIS

1. Frustrations and inefficiencies with the current approach

Perceived as complicated and time consuming to add research outputs

Outdated user interface, largely manual data entry

Wrong filling, resulting in a lot of back-and forth

2. Technical challenges

Integration with ePrints, slow further development

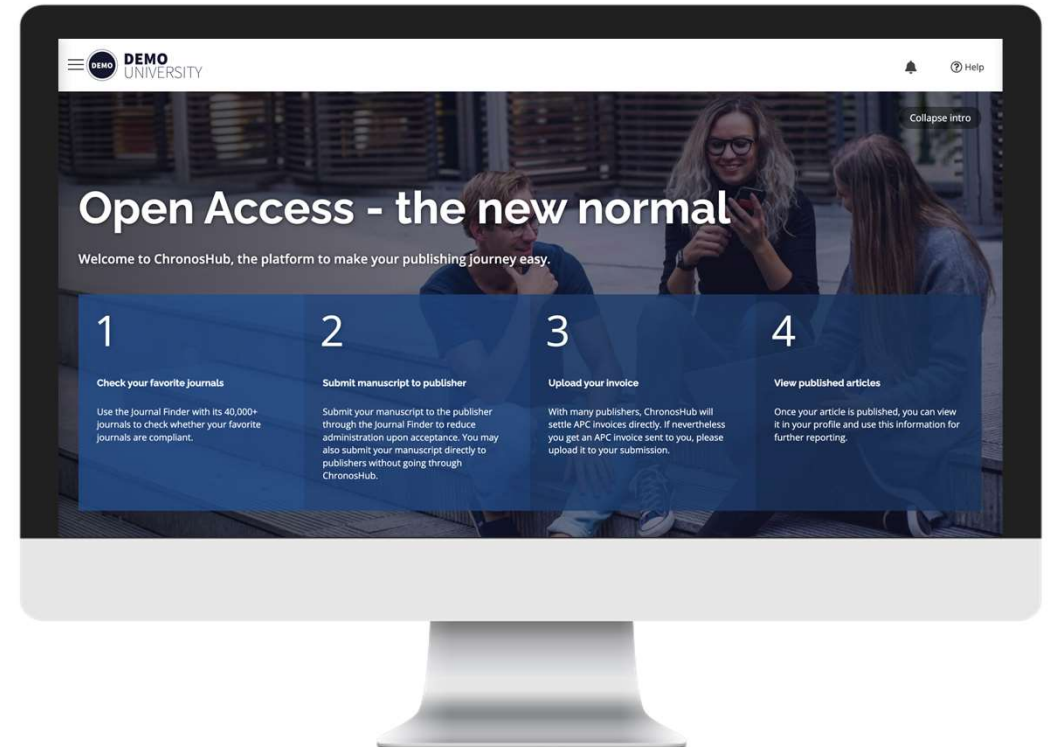
3. Non-holistic

Does not support Open Access and Open Science workflows and use cases

Pure

● We are ChronosHub

The world's leading platform for automating the publishing workflow and managing all types of Open Access.



2017

Founded in Copenhagen,
Denmark



+230,000

Licensed users



+150,000

Articles processed per
year



+10M€

in APCs managed per
year



+2,000

Institutions processing articles

ChronosHub

Puts the Authors First

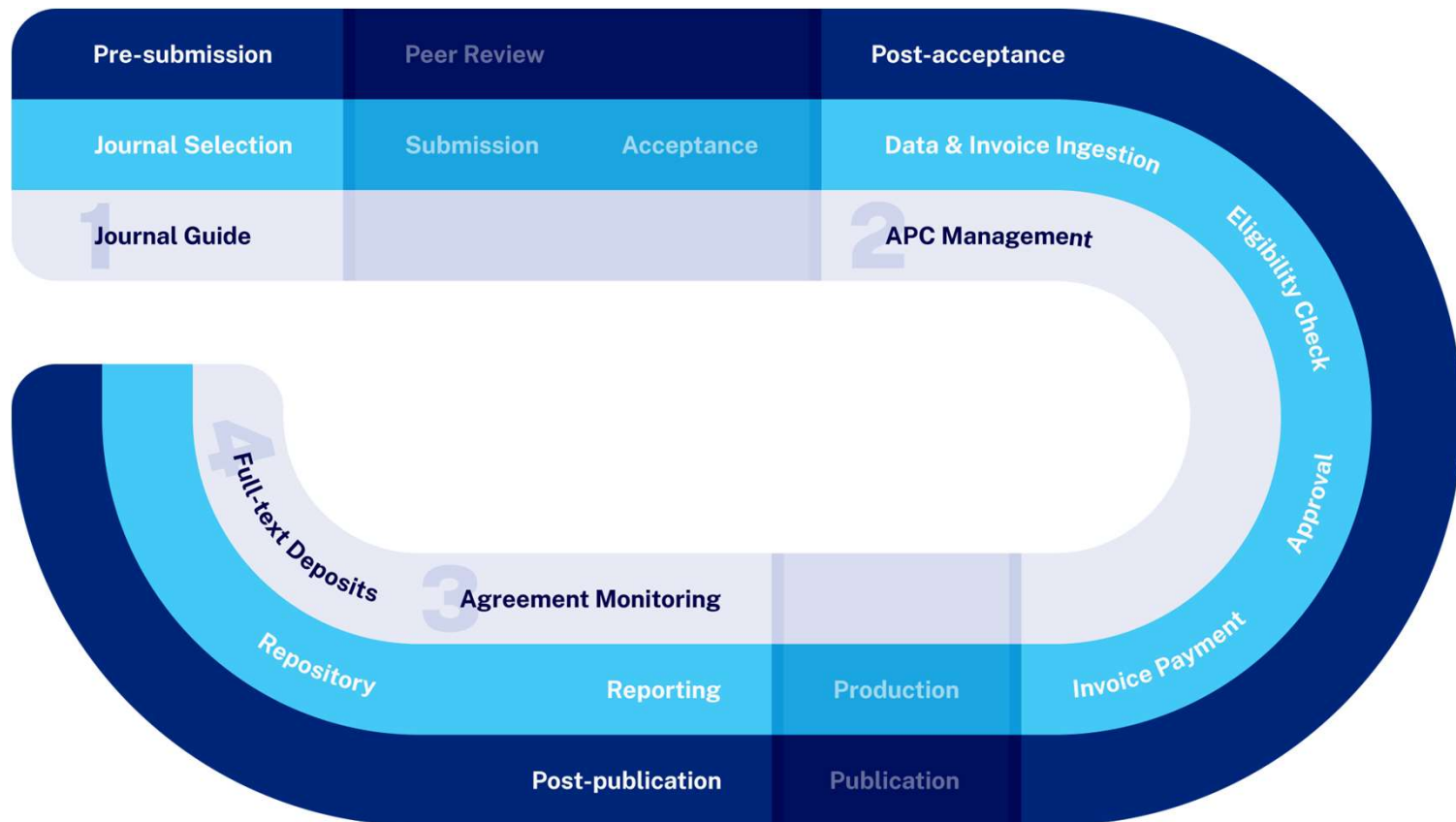
The AI powered platform automates the publishing workflow across the research ecosystem

ChronosHub



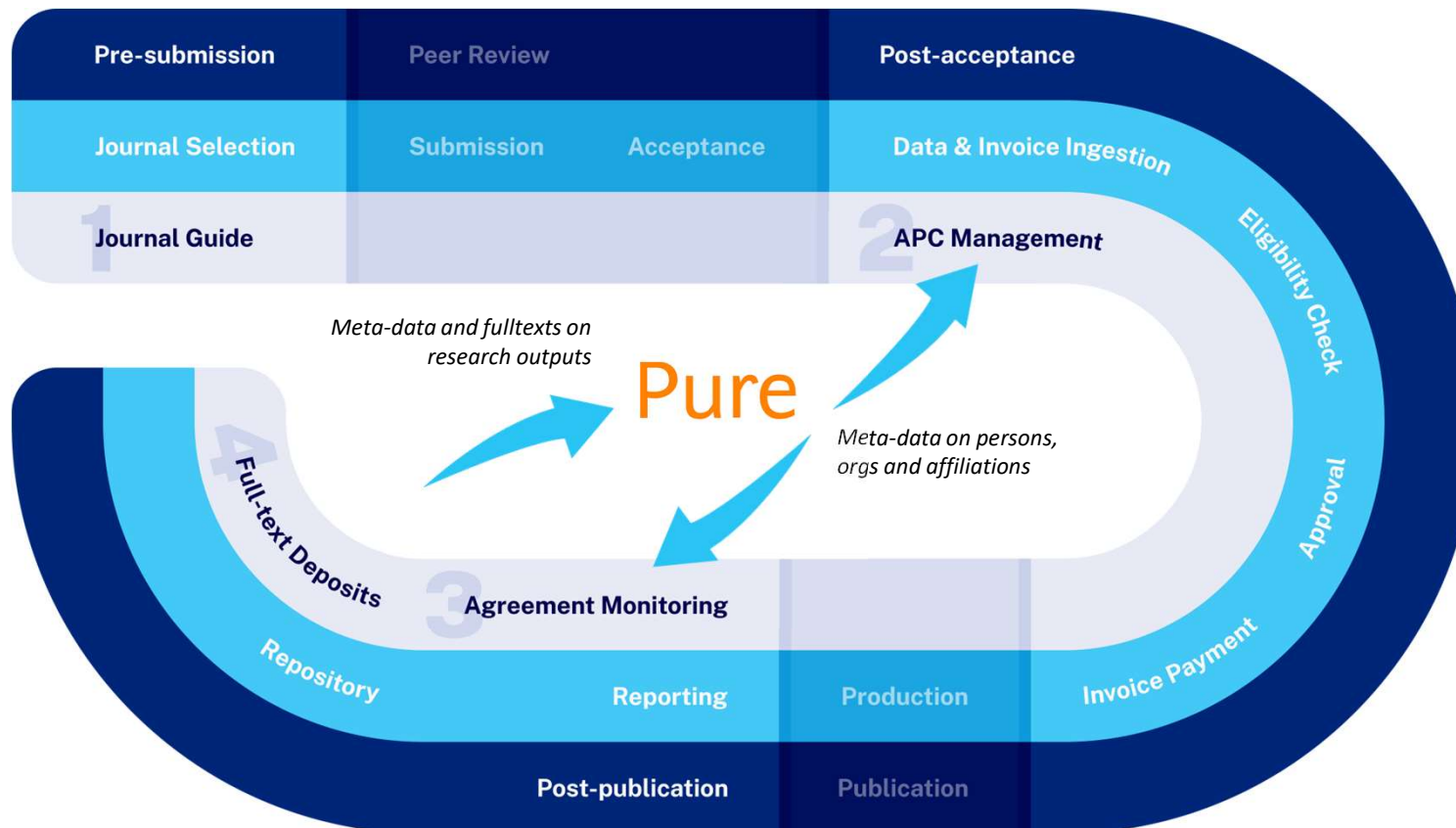
Selected customer references from each stakeholder group in the research ecosystem.

Automating the processing of *all* research outputs and OA types along the entire publishing journey



- 1 Journal Guide
 - 50,000+ journals
 - OA agreement conditions
 - Funder policy compliance
 - Payment eligibility checks
- 2 APC Management
 - Invoice AI-processing
 - Approval dashboard
 - Funding eligibility checks
 - Payments
- 3 Agreement Monitoring
 - Agreement administration
 - Data integrations
 - Data reuse
 - Reporting
- 4 Full-text Deposits
 - Collection of full-texts
 - Manuscript AI extraction
 - Meta data enrichment
 - IR/RIMS/CRIS integration

Lancaster automating the processing of *all* research outputs and OA types along the entire publishing journey



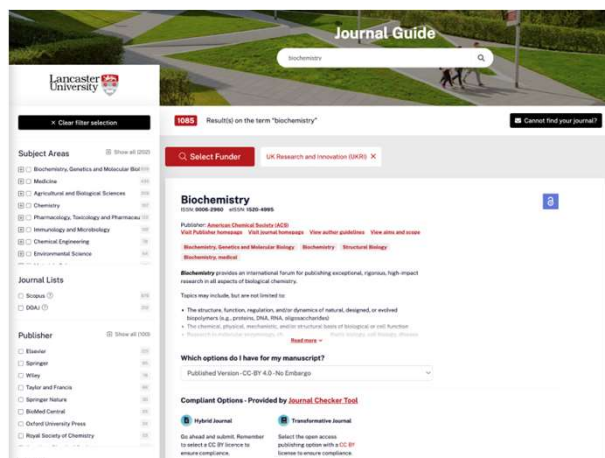
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Lancaster: ChronosHub + Pure > 3!

- Using the full platform provides **holistic support** along the entire publishing journey, from journal selection to fulltext deposit
- Widget with **AI-scanning** of manuscripts and APC invoices as **only touch point** for researchers
- **Automated FAIR data** enrichment through connected online sources
- **PIDs enable seamless reuse** of data and population of Pure
- **ChronosHub = the interface for the researchers**, ensuring data ends up where it needs to be (for APC payments, agreement reports or CRIS/Repository), **Pure = backend system**
- **Greater automation, less staff time and better data quality and coverage**

ChronosHub + Pure

Lancaster on ChronosHub



lancaster.chronoshub.io

Author guidance for journal selection

No worries about OA fees or funder compliance

- Detailed OA agreement conditions and compliance checks with funders' OA policies per journal.

ChronosHub ensures the data ends up where it needs to be!

Want your open access publishing cost covered?

We just need a few details...

1 What is your email address?

Email Address*
example@gmail.com

Are You the Corresponding Author?

Yes No

Continue

2 In which publishing venue are you publishing?

3 Under which license are you publishing?

4 Who is your funder?

5 What is the title of your publication?

6 Upload files

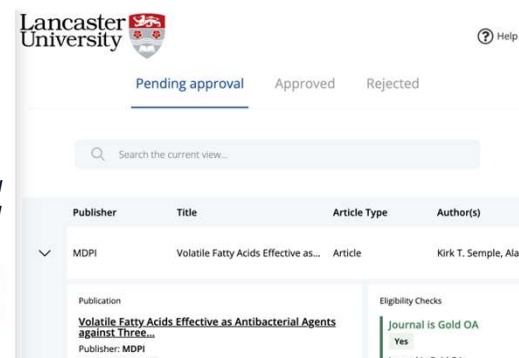
Submit

chronoshub.io/widgets/lancaster

Collection of *all* research outputs

Minimized manual admin work

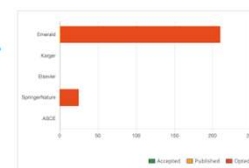
- AI-scanning of manuscripts and/or APC invoices combined with data reuse from many integrations.



Agreement Report

Start date: 2023-01-01 End date: 2023-12-31

Articles



Total Quota	Remaining Quota
235	234
Used Quota	Published Articles
1	1
Accepted Articles	Opt-out Articles
0	0

ID	Name	Start date	End date	Used	Accepted	Published	Rejected	Remaining
760	Elsevier	01/01/2023	31/12/2023	1 of 210	0	1	0	209 of 210
765	Karger	01/01/2023	31/12/2023	0	0	0	0	0
766	Elsevier	01/01/2023	31/12/2023	0	0	0	0	0
769	Springer Nature	31/12/2019	31/12/2023	0 of 25	0	0	0	25

Funding requests

- One dashboard for automated eligibility checks per funding request, and approvals, rejections and communication with the authors.
- Deposit accounts and automated payments of approved requests.

Reporting

- Statistics and data on all research outputs, OA fees and agreements via charts, tables, downloads and the ChronosHub API.

Fulltext deposits

- The meta-data and fulltexts of the research outputs are automatically transferred into Pure.

Pure



In all FAIRness...

To be FAIR and Open about it...

- Developing UK specific support took longer than planned:
Managing block grants and automated checks for UKRI funders
- Journal data was lacking for agreement management:
New and improved integrations (e.g. with OpenAlex and Sherpa)
- Widget not sufficiently dynamic to support all research outputs:
Check for type of OA agreement and conditions
- Only Journal Guide and APC management in live operation, with agreement monitoring and fulltext deposits in Q3-Q4, 2024
- The Pure Read and Write APIs are straightforward to use
- More input and desired improvements expected with increased usage, and in light of the future REF exercise

Connect with us!



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