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NISO PLUS 2022
Global Conversations Global Connections

Streamlining OA workflows across the research ecosystem

A Story about Despair vs. the Magic Powers of FAIR

Martin Jagerhorn
Head of Business Development
mj@chronoshub.io

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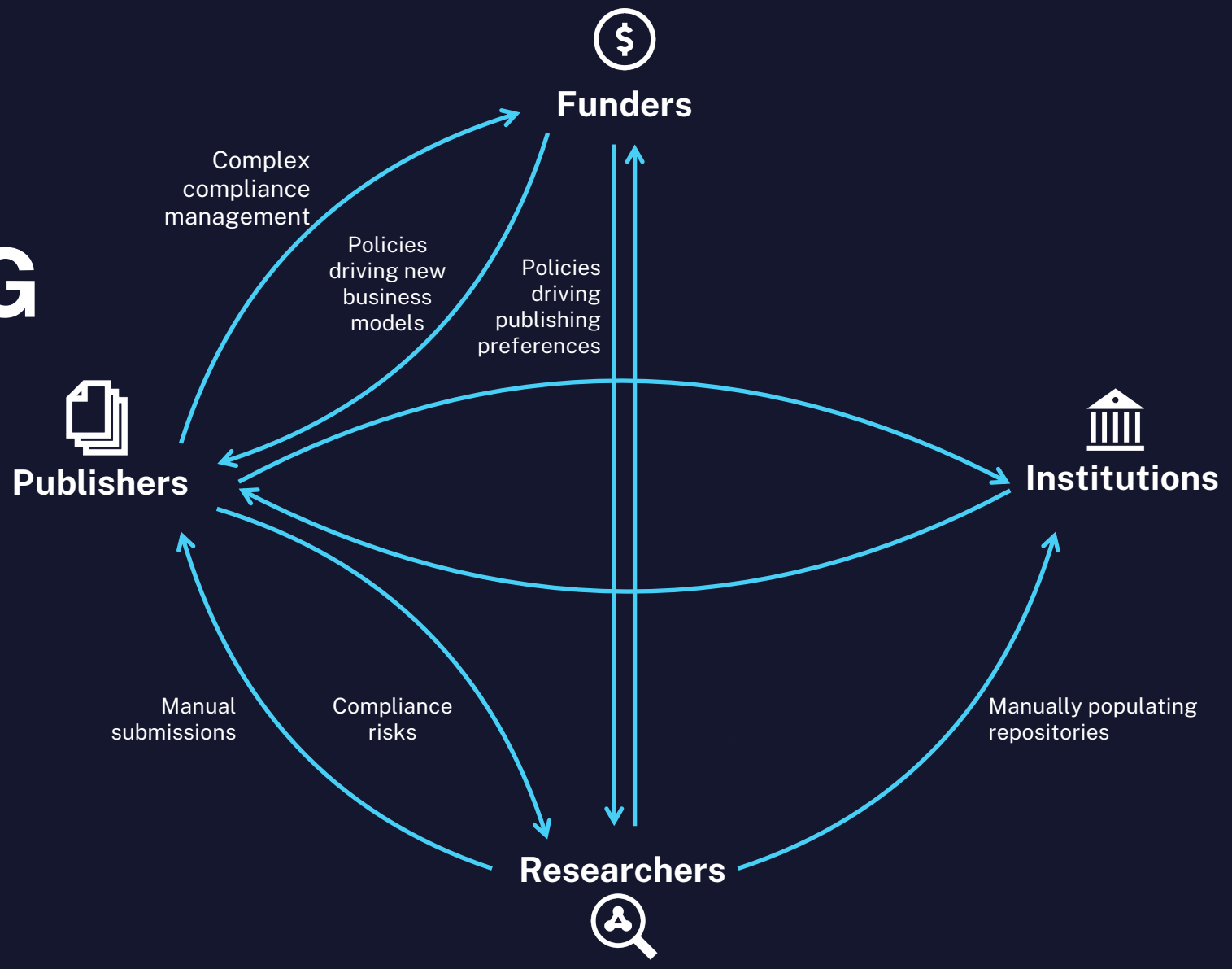
INTRODUCING DESPAIR

Open Access is great, but a Pandora's Box leading to increasing complexities, costs and frustrations.



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DESPAIR BECAUSE:

Stakeholders act in silos

Funders, institutions and publishers act in siloed systems, with no or limited integration.

Fragmented data and no analytics

With siloed systems, data becomes inconsistent and fragmented in each.

Time-consuming and costly

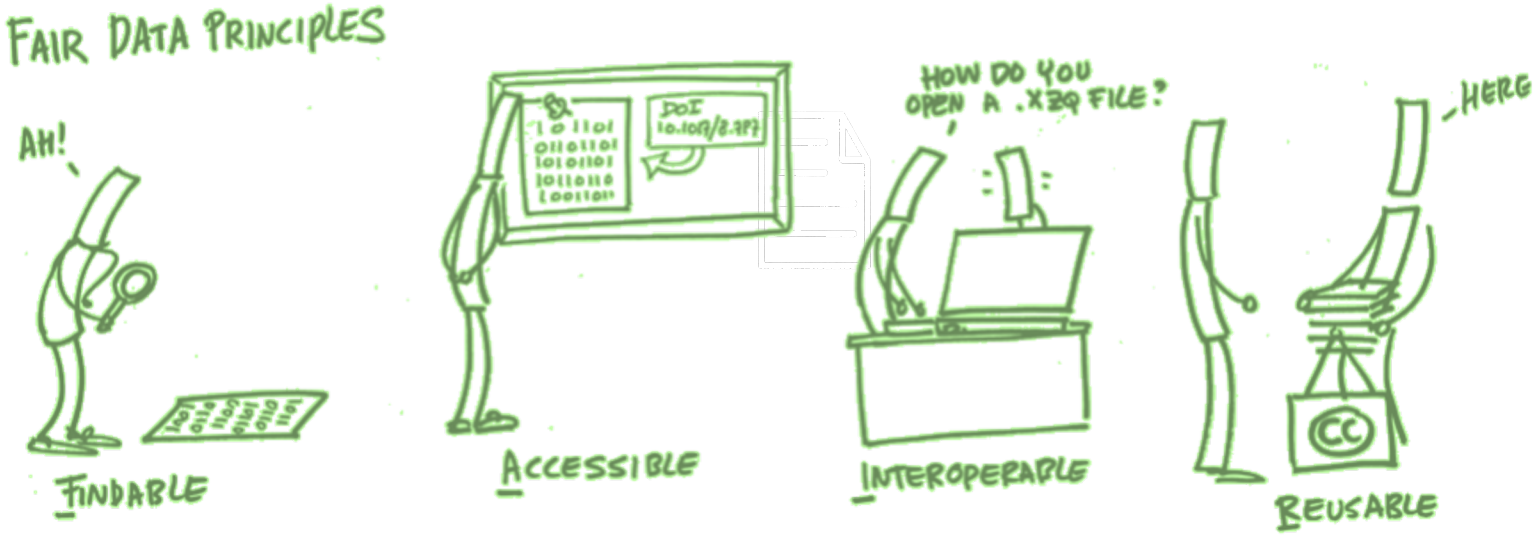
The work is manual and duplicated for everyone along the processes.

Risk of being non-compliant

Increasing risk of being non-compliant due to the complexity.

INTRODUCING FAIR

A set of principles giving us hope to defeat Despair!



A Global Unique Identifier (PID) for every entity!

APIs have been invented!

Structured data formats exist!

Enabled through OA & CC-BY!

SOURCE: Image: https://book.fosteropenscience.eu/

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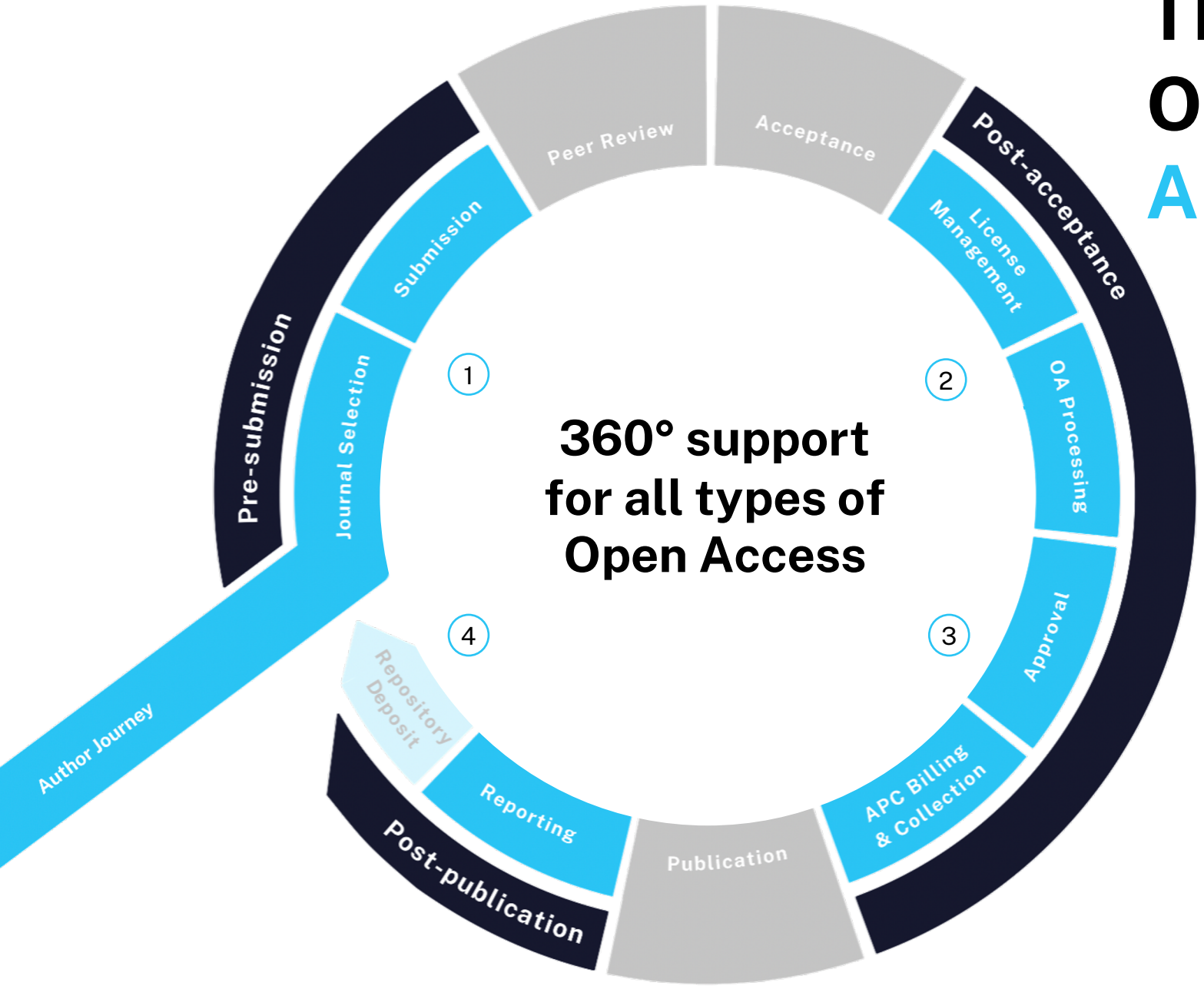
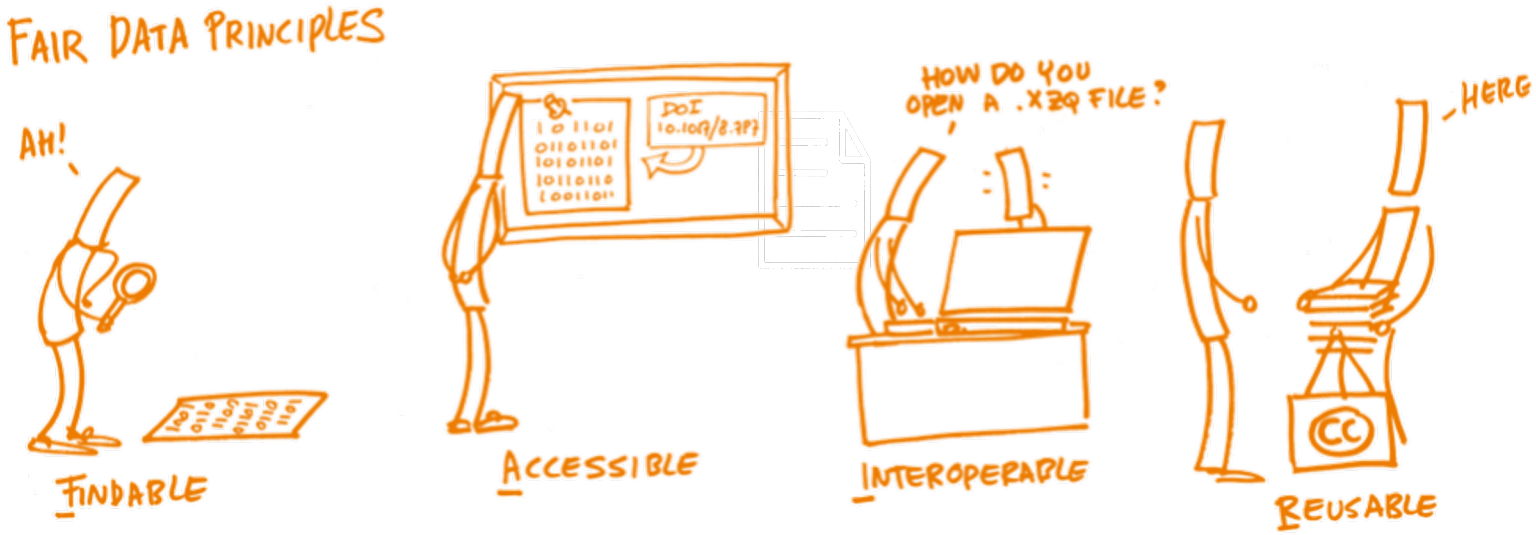
THE MAGIC POWERS OF FAIR ENABLE AUTOMATION



1. Journal Assessment & Submission
2. OA Agreement Monitoring
3. APC Management
4. Automated Repository Deposits

BUT...

Not everyone using the Magic Powers of FAIR!



A Global Unique Identifier (PID) missing for many entities and items!

APIs have often not been set up or made available!

Many data formats exist, no given standard!

A lot of content not with a CC-BY or similar license!

SOURCE: Image: https://book.fosteropenscience.eu/

How do we get organisations to apply the FAIR PRINCIPLES?

1. Mandate the use of Global Unique Identifiers (PIDs, PIDs, PIDs)?
2. Establish a standard data exchange format?
3. Certification of systems' FAIRness?
4. Incentivize organisations to provide APIs for others to integrate with?
5. Ensure data becomes FAIR upon inception?

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THANKS!

Martin Jagerhorn
Head of Business Development
mj@chronoshub.io

Romy Beard
Publisher Relations
rb@chronoshub.io

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