

YOU MUST COMPLY!!!

Funder mandates and OA compliance



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The Players

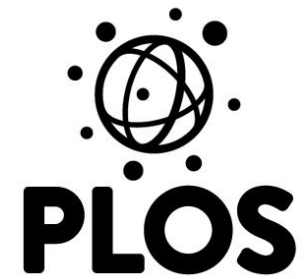
1. **Open Article Gauge** - low-level infrastructure for extracting licence information from publisher article pages
2. **Lantern/Wellcome OA Compliance** - user-facing interface for compliance checking
3. **Jisc Monitor** - synthesis of compliance, APC information and reporting

Compliance Requirements

(according to some conversations we've had)

- Archived in a suitable repository (within the desired timeline)
- Licensed appropriately (e.g. CC) and accessible (free-to-read)
- Embargo/Self-Archiving options
- Versions available: AAM, machine-readable version
- References: funder acknowledgements, research data citations
- Hybrid/OA journal

Open Article Gauge



- Licences *as they appear* on the article pages
- Via page scraping the websites

Therefore, this is not about what the publisher says the licence should be, it is about what the end-user is told the licence is.

PLoS + Cottage Labs since 2013 - i.e. this is NOT NEW.

<http://howopenisit.org/lookup/>

e.g. 10.1016/j.ympcv.2013.07.002

Lantern/Wellcome OA Compliance

- Brings together lookups on articles with
 - Europe PMC
 - Open Article Gauge (OAG)
 - Directory of Open Access Journals (DOAJ)
 - Sherpa RoMEO
 - CORE
- Presents a user-facing, user-friendly interaction, for non-technical users
- Records provenance and decision making points for users to dig into

<http://lantern.cottagelabs.com>

wellcometrust

Lantern Results

| | |
|-----------------------|---------------------------------|
| PMCID | PMC3913082 |
| PMID | 23850609 |
| DOI | 10.1016/j.ympev. 2013.07.002 |
| Article title | |
| ISSN | 1055-7903, 1095-9513 |
| Publisher | Elsevier |
| Metadata in CORE? | TRUE |
| Fulltext in EPMC? | TRUE |
| XML Fulltext in EPMC? | TRUE |
| AAM in EPMC? | FALSE |

| | |
|--------------------------------|----------------------|
| Open Access? | TRUE |
| Licence | non-standard-licence |
| Licence Source | epmc_xml |
| Journal Type | hybrid |
| Self-Archive Preprint | can |
| Preprint Embargo | |
| Self-Archive Postprint | can |
| Postprint Embargo | |
| Self-Archive Publisher Version | cannot |
| Publisher Version Embargo | |

Jisc Monitor

- Requirements and prototype for institutional OA/APC management app
- Aggregating APC data supplied by institutions
- Data models for combining APC information with compliance information
- Some experiments in advanced compliance detection (funder acknowledgements)
- Dynamic reporting/analytics over aggregate data

OA vs Hybrid APC Expenditure, broken down by top 10 funders

Date APC paid

From

To

Limit by Institution

15 count ↓ OR

University of Manchester (699)

University of Bristol (559)

Imperial College London (549)

Durham University (178)

University of Bath (139)

QMU (94)

University of St Andrews (74)

University of Sheffield (65)

University of Swansea (58)

Swansea University (57)

University of Lancaster (46)

Cranfield University (25)

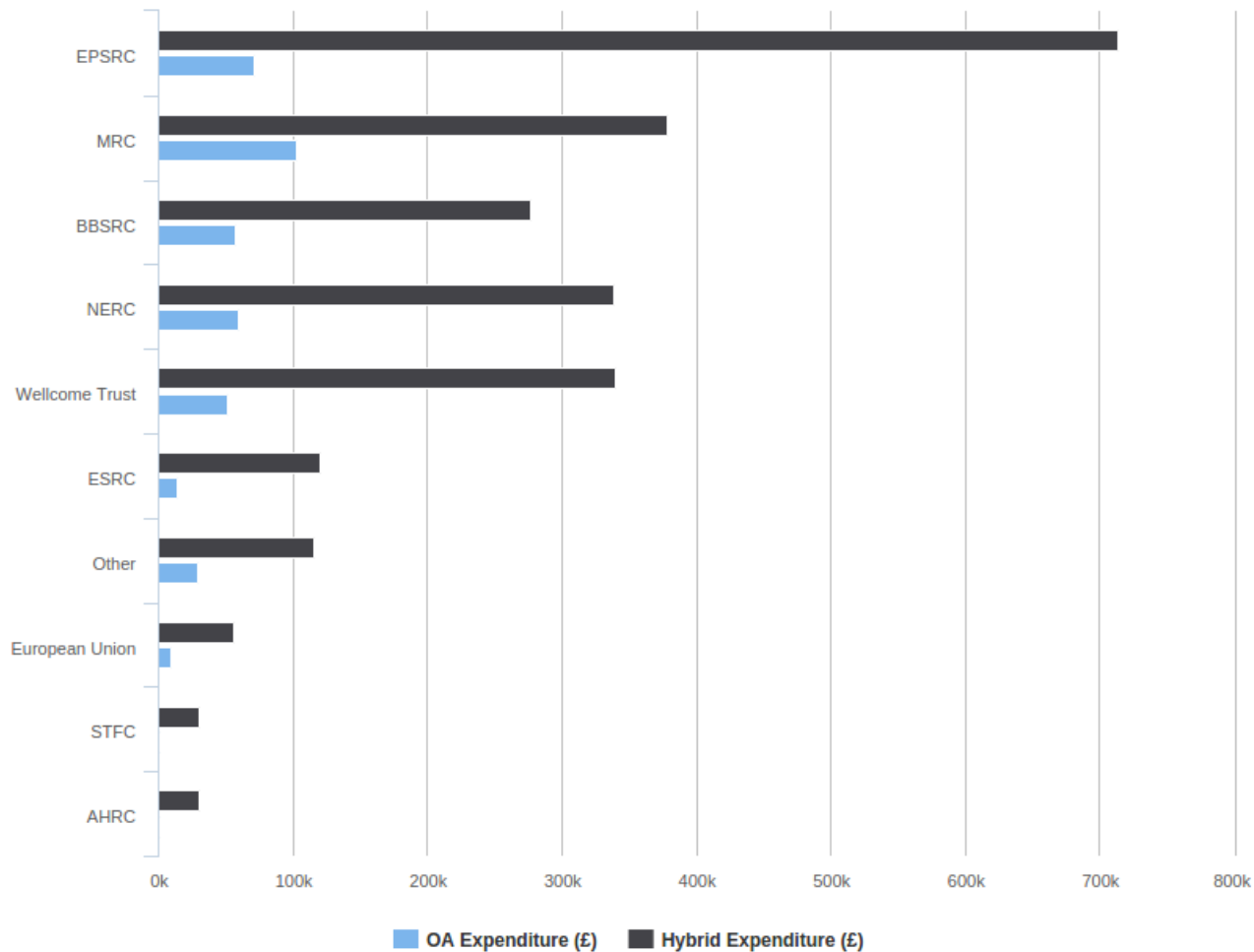
University of Cardiff (18)

University of Plymouth (10)

UCL (2)

OA/Hybrid Count

Expenditure on OA/Hybrid



How are we doing?

Lantern via
CORE/EMPC

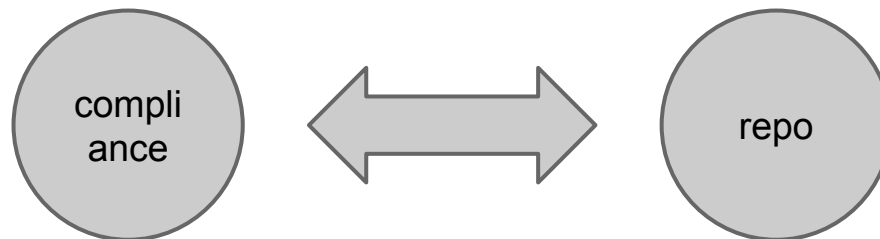
- Archived in a suitable repository (within the desired timeline) **Not yet, possibly via CORE / Jisc Publications Router**
- Licensed appropriately (e.g. CC) and accessible (free-to-read) **Lantern via EMPC and/or OAG**
- Embargo/Self-Archiving options **Lantern via Sherpa RoMEO**
- Versions available: AAM, machine-readable version **Lantern via EMPC only**
- References: funder acknowledgements, research data citations **Some preliminary experiments - no good results**
- Hybrid/OA journal **Lantern via DOAJ
Analysed via APC Aggregation**

Future

- More automation of compliance checks!
- Better reporting on data, to improve understanding of the OA space
- Integration via APIs to local systems (e.g. Monitor Local, your repository?)
- Jisc Publications Router - relevance for REF compliance

What does this mean for repos?

- Track provenance of deposits (especially publication event dates)
- Expose usable metadata for harvesting (e.g. RIOXX)
- Clearly expose embargoes and re-use licences
- Integration with compliance tools to aid metadata enhancement



Two way street with repositories

Thank you

Open Article Gauge: <http://howopenisit.org>

Lantern: <http://lantern.cottagelabs.com>

APC Aggregation (demo): <http://apc.ooz.cottagelabs.com>

APC Aggregation screencast: <https://www.youtube.com/watch?v=6z36Tb5hraw>



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