Changing the system: advocacy and alliances for open knowledge:
where we are with open access

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Publishing power is increasingly in the hands of the few

Fig 3. Percentage of papers published by the five major publishers, by discipline in the Natural and Medical Sciences, 1973–2013.

http://127.0.0.1:8081/plosone/article?id=info:doi/10.1371/journal.pone.0127502
19. The ScienceDirect database is home to almost one-quarter of the world's peer-reviewed, full-text scientific, technical and medical content.
Signs of an urgent need for change
What do we want?

a fully interconnected, interoperable, open global scholarly ecosystem.
When do we want it?!

15 years ago!
Despite massive global impetus for change still only around 15-20% full OA 15 years after OA initially defined

- Most research outputs have no associated license & unclear reuse rights
- Uncoordinated diversity of models
- Advocacy often pulls in opposing directions
- Excessive focus on STEM and traditional research outputs
- Need for global cooperation not well balanced with local needs
Why so slow?
What’s needed is complicated

Open Access
  =
  free access
  +
  reuse rights
  +
  author attribution rights
  +
  permanent archiving
An even better approach: F.A.I.R.
Is anything happening globally?
Yes!

• EU commits to making all scientific articles & data openly accessible and reusable by 2020
• OA2020 initiative moves into next phase of international co-ordination
• Wellcome Trust, Gates foundation and EU launching their own new OA publishing platforms
• Wellcome introduces publisher requirements for OA
• Open Research Funders Group partnership formed of eight US-based funders launches
• Cancellation of journal subscriptions in Germany and elsewhere
• FASTR act re-introduced to US Congress
• Global Open (GO) FAIR Initiative gathering momentum
• UK universities explore a National Scholarly Licence
Is anything happening regionally? Yes!

- 2015 Public Data Policy Statement requires public data to be open with CC license unless specific reason to opt out
- 2016 National Science and Innovation Agenda launched
- 2016 ORCID Australian consortium launched
- 2017 New Zealand ORCID consortium
- 2016 Productivity Commission Inquiry into Intellectual Property Arrangements recommends implementation of national and states and territories OA policies
  - August 2017 Australian Government supports recommendation
- 2016 Productivity Commission report on data suggests review of policies and infrastructure
- 2017 National Science Statement notes OA policy
- 2016/7 ARC and NHMRC review their OA & data policies
The challenge: how to coordinate the many (too many?) drivers of change...

Libraries – Council of Australian University Librarians (CAUL)
  – Council of New Zealand University Librarians (CONZUL)
Data/Infrastructure – ANDS, Open Data Institute, NeSI
Licenses – CCAU and CCNZ, NZ GOAL
Funders – ARC, NHMRC, Royal Society NZ Marsden Fund
Peak Bodies – Universities Australia, Universities New Zealand, Learned Academies
Government – NZ Ministry of Business, Innovation and Employment
  – AU Dept Science and Innovation, Dept Education and Training
Other innovative initiatives – Open Knowledge Foundation, Software Carpentry etc, etc, etc!
...and an increasingly complex global OA ecosystem...

- Data
- Preprints
- Journals
- Archiving
- Book & monograph publishing
- Grey literature
..to build the infrastructure that allows the ecosystem to evolve

PERMANENTLY IDENTIFIED OBJECTS

LINKED TO THE RIGHT PEOPLE

WITH CLEAR REUSE RIGHTS

IN OPEN, INTEROPERABLE, HUMAN AND MACHINE READABLE FORMATS

LINKED TO RELATED OBJECTS

FOR A GLOBAL SCHOLARLY ECOSYSTEM
To change the system we need:

• Clear view of high level needs – the infrastructure
• Acceptance of diversity of solutions – the ecosystem
• Clever, supportive collaboration (regionally and globally)

• Recognition this is messy and hard
• Continual advocacy
Webinar #6 From open access to access to knowledge: connecting movements to democratising knowledge

Friday 22nd September

Presented by Amanda Lawrence – Research and Strategy Manager at APD

(Please note: There were a few occasions during the webinar where Amanda’s line dropped out, we have edited those breaks out of this broadcast)

Listen here: