What Universities want from EU copyright reform

Dr Paul Ayris
Director of UCL Library Services, CEO UCL Press
Co-Chair, LERU CIO Community
e-mail: p.ayris@ucl.ac.uk
LERU Universities
New research methods: Open Science
The Hague Declaration
TDM Exception
Conclusion
LERU Universities
New research methods: Open Science
The Hague Declaration
TDM Exception
Conclusion
About LERU

Since its founding in 2002, the League of European Research Universities (LERU) has emerged as a prominent advocate for the promotion of basic research at European universities. LERU strongly believes that basic research plays an essential role in the innovation process and significantly contributes to the progress of society.

LERU aims at furthering the understanding and knowledge of politicians, policy makers and opinion leaders about the role and activities of research-intensive universities. Drawing on the impressive academic potential and expertise of its network, LERU has a strong and significant impact on research policy in Europe.

Alain Beretz, Chair of LERU

21 research-intensive Universities across Europe
Content

- LERU Universities
- New research methods: Open Science
- The Hague Declaration
- TDM Exception
- Conclusion
See Science as an open enterprise
Text and Data Mining (TDM) What is it?

- TDM derives information from machine-read material
- It works by copying large quantities of material, extracting the data, and recombining it to identify patterns
- Essential aspect of Science 2.0 or Open Science

Less TDM activity is undertaken in Europe than other parts of the globe, partly because of European copyright frameworks.

Publishers offering licences for TDM which many researchers deem restrictive.
It is essential to understand that TDM is concerned with the extraction of facts and data from vast quantities of material for research purposes, not with substituting the original material.

Why is it important?

TDM will increase the progress of science exponentially. It has the potential to facilitate the discovery of cures for diseases such as cancer and Parkinson's. It has already been used to discover new applications for existing drugs and will act as a foundation for innovation and new industry. For libraries, it means that the researchers we support will be able to fully realise the value of our growing collections of scientific content. This will, in turn, ensure a more rigorous approach to research, including more through reviews of the literature.
Barriers to Open Science – for individual researchers; results of EU Open Science consultation

- 81% totally or partially agreed that copyright is a constraint
Content

- LERU Universities
- New research methods: Open Science
- The Hague Declaration
- TDM Exception
- Conclusion
The Hague Declaration aims to foster agreement about access to facts, data and ideas for knowledge discovery, removing barriers to accessing and analysing the wealth of society, we can find answers to great challenges such as depleting natural resources and globalisation.

http://thehaguedeclaration.com/

We've written a Declaration to improve Knowledge Creation in the Digital Age. Sign it.

Image by Sebastien Wiertz, CC-BY.

207 Organisations signed

451 People signed

Add your signature
The Hague Declaration

- Covers the research data aspects of Open Science
- Facts – The sky is blue – are not subject to copyright laws
- Copyright was not designed to control or restrict access to the truth

A Box of Useful Knowledge (Brougham Papers, UCL Library Services)
Content

- LERU Universities
- New research methods: Open Science
- The Hague Declaration
- TDM Exception
- Conclusion
What Universities need

- TDM Exception in EU Copyright reform
  - Mandatory across Europe
  - Cannot be overridden by contract
  - Providing pan-European framework for research
  - Everyone enabled to do TDM on material to which they have legal access

King’s Cross Station, London
Benefits of Content Mining

The potential benefits of content mining are vast and include:

- Addressing grand challenges such as climate change and global epidemics
- Improving population health, wealth and development
- Creating new jobs and employment
- Exponentially increasing the speed and progress of science through new insights and greater efficiency of research
- Increasing transparency of governments and their actions
- Fostering innovation and collaboration and boosting the impact of open science
- Creating tools for education and research
- Providing new and richer cultural insights
- Speeding economic and social development in all parts of the globe
Content

- LERU Universities
- New research methods: Open Science
- The Hague Declaration
- TDM Exception
- Conclusion
Paradigm shift in the way research is performed

Europe is falling behind in not having a modern copyright framework

Mandatory Exception for TDM is essential
  ◦ Cannot be overridden by contract
  ◦ Everyone with legal access to content should benefit

Plaster Relief by John Flaxman, Flaxman Gallery, UCL
Next Steps

- Further Views
- Discussion with the Audience