CLIMBING A MOUNTAIN
Empowering Researchers to Use Text and Data Mining

Legend:
- Legislators
- Publishers and providers
- Research funders
- Libraries
- Institutions and research leaders

Researchers Embrace TDM
What needs to happen?
1. Endorsement by senior research leaders
2. Funding and incentives linked to TDM
3. Alignment with moves to open science

“There are so many obstructions in the way of doing this research, and doing it well. It is just too hard and so people do other things.”
Ross Mounce, University of Cambridge, UK

Skills and Support
How can libraries help?
1. Advocacy
2. Copyright advice
3. Access to legal expertise
4. Skills development and training
5. Advice on data sources and tools

The library needs to be able to say: "If you’ve got a question about TDM, come to us."
Danny Kingsley, Head of Scholarly Communications, University of Cambridge, UK

Access to Content
What needs to happen?
1. Incorporate TDM clauses into model licence agreements
2. Educate researchers on their rights
3. Maintain dialogue with publishers
4. Improve access through better infrastructure

"I had to ask too many publishers for the right to download… it takes a lot of time and… the publishers’ servers frequently block us.”
Mathieu Andro, INRA, France

Copyright Exception

EU Directive
Simpler rules are needed at EU level:
1. countries, in which academic researchers must acquire the express consent of rights holders to conduct lawful datamining exhibit a significantly lower share of data mining research output relative to total research output.”
Handle & Vallke (2015)
Is Europe falling behind in data mining?

Technical Infrastructure
What needs to happen?
1. Invest in TDM infrastructure
2. Make TDM accessible to non-specialists
3. Streamline access
4. Open standards and harmonised data formats

“Every time you have a new project or data source… you hit issues about how the documents are structured, details of formatting, and so on.”
Mark Greenwood, GATE, UK

Legal Clarity
What needs to happen?
1. Communicate legal provisions for TDM with clarity
2. Clarify the exception’s application to public/private collaborations
3. Monitor the interaction of the exception with DRM and other

"The definition of commercial and non-commercial research is creating uncertainty.”
Petr Knoth, Open University, UK

Legend:
1.5?

1. Mandatory exceptions to copyright
- Industry self-regulation
- Non-commercial research only
- Commercial research, benefits restricted
- Commercial research purpose, beneficiaries unrestricted

This poster is based on a report, prepared by Research Consulting for the ADIBU, which considers the legal, organisational and practical issues surrounding the use of TDM in academic research.

Read the full report at: http://adbu.fr/etude-tdm/