

OECD high level event on the Knowledge Triangle

Session 5

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September 16th, 2016



ELSEVIER

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Agenda

- Metrics and their responsible use
- 3 examples of indicators or tools to facilitate strategic planning

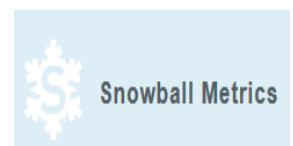
Performance of the UK
research base: international
comparison - 2013



Innovative use of basket of
research performance indicators



Snowball Metrics
exchange



So what is Elsevier's perspective on metrics?

Two Golden Rules of using research metrics to give a balanced, multi-dimensional view

Always use both qualitative and quantitative input into your decisions

Always use more than one research metric as the quantitative input

A team actively engaged with the research community



Dr. Lisa Colledge Dr. Peter Darroch Dr. Christina Lohr Christopher James

<http://www.elsevier.com/online-tools/research-intelligence/resource-library/resources/response-to-hefces-call-for-evidence-independent-review-of-the-role-of-metrics-in-research-assessment>

UK academic and corporate users are using each other's articles The UK exhibits strong cross-sector knowledge exchange

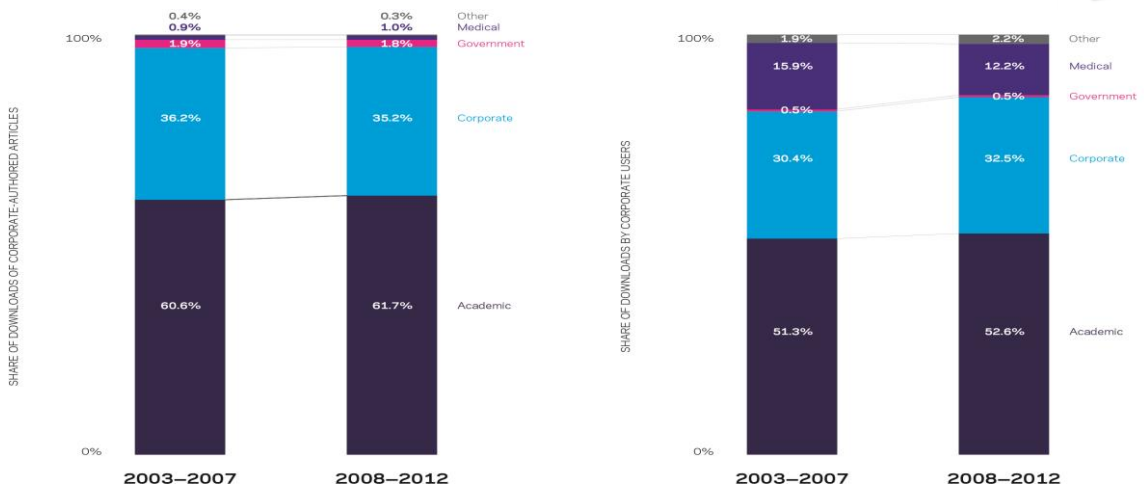


Figure 7.9 — Share of downloads of articles with at least one corporate author by downloading sector, 2003-07 and 2008-12.

Figure 7.10 — Share of article downloads by corporate sector, 2003-07 and 2008-12.

Easy benchmarking on Academic-Corporate collaborations, with a basket of research performance indicators

Benchmarking

View data sources 2010 to 2015 no subject area filter selected ASJC

Chart Table

y-axis

x-axis

Bubble size

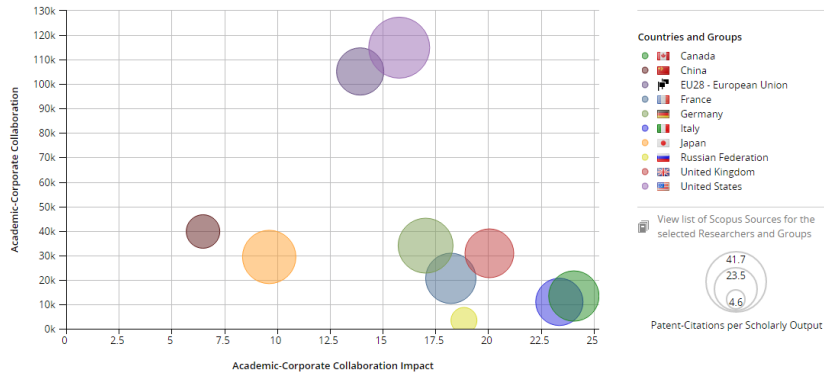
Academic-Corporate Collaboration

Academic-Corporate Collaboration Impact

Patent-Citations per Scholarly Output

SciVal

- 220 nations
- 7,500 research institutions worldwide
- quick, easy access to research performance indicators



Snowball Metrics – providing a robust methodology to inform research strategy

Snowball Metrics address university-driven benchmarking



Universities need standard metrics to benchmark themselves and know their position relative to peers, so they can strategically align resources to their strengths and weaknesses

Snowball Metrics UK Project Partners



Snowball metrics exchange service



Data sources Inputs/Uploader



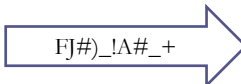
- InCites
- SciVal
- Symplectic
- Pure
- Converis
- spreadsheet



Scholarly output = 1,376

Snowball Metrics exchange

Enrollments per institution			
Currently the following institutions are participating in the Snowball Metrics Exchange			
Institution	Country	Year	Enrollments
University of Cambridge	United Kingdom	2015	1,376
University of Oxford	United Kingdom	2015	1,376
Imperial College London	United Kingdom	2015	1,376
University of Bristol	United Kingdom	2015	1,376



Data sources Outputs/Downloader



- InCites
- SciVal
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Elsevier Research Intelligence

Thank you.

