

How do I choose the best people to fund?

Analytical Services for Funders & Government





We help funders gain in-depth insights into the impact of their investments to support evidence-based decision making.

Elsevier's Analytical Services team is experienced in serving policy makers, funders, government agencies, academic, and corporate research institutions around the world. From simple, targeted reports to comprehensive multidimensional studies, as well as data delivery and web integration services, our offerings will meet your research management needs.

The team benefits from access to proprietary data sources including; ScienceDirect, Scopus, Total Patent, PlumX, and Overton, that are available across Elsevier and RELX. Insights are generated by combining these with public data sources and institutional data to help funders gain a more comprehensive view of their research investments. Elsevier's Scopus data is the preferred data source of policy makers, funders, and academic and corporate research institutions for its breadth of coverage and rich structured data. Scopus is the data source for the Times Higher Education and QS rankings, and is used by 84% of the top 100 universities.



Insights, based on data

Taking the time to fully appreciate your goals to provide the most appropriate analysis, our team combines high quality data sources with technical and research metrics expertise accrued over Elsevier's 140 years within the research community.

Our team of consultants move beyond data to provide powerful insights when measuring research performance. The resulting insights help funders gain an in-depth view into funding initiatives, their return on investment and the outputs to help assess and design funding programs.

How do I choose the best people to fund?

Our insights help you

- Find experts in the field
- Diversify your talent pool
- Foster fruitful collaborations

So you can

- Be assured that you have the most effective team working on the research you are funding

Case Studies

The challenge

Elsevier's Analytical Services team successfully secured a tender to conduct a scientometric evaluation of a client's research leaders' program. The primary aim of the team was to better understand the extent to which the program contributes to better research, and to provide grantees with up-to-date information on their scholarly output and impact.

Our approach

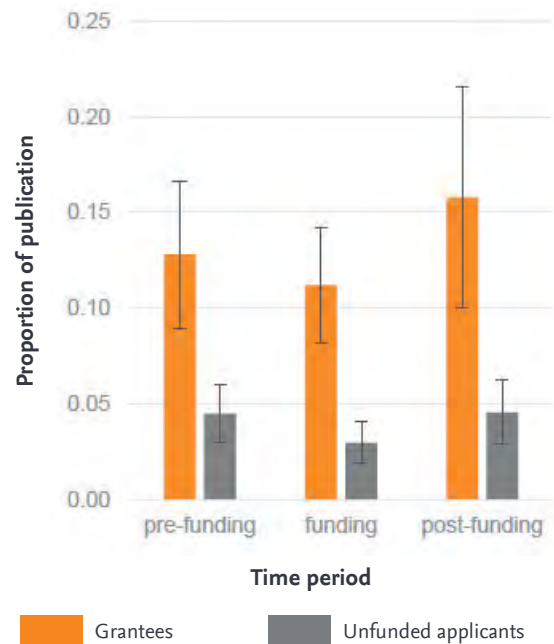
The team combined a variety of methodologies to assess research output and impact of grantees across all subjects and within a select list of specific subjects of interest. The aim of this was to help the team understand the impact of a funding grant on a researcher's performance before and after the award was given.

To do this analysis, the team matched individuals who received a grant with his or her Scopus author profile. Scopus author profiles are based on sophisticated algorithms and provide a link between an author and his or her publication output. To create meaningful benchmark groups, these researchers performance was compared pre and post grant allocation. Additionally, a control group of researchers who applied for grants, but did not receive one, was provided by the client for comparison.

The result

The work conducted by the team helped our client understand the impact of their award on grantees, so they could further strategies to ensure the success of future grantees. The insights also gave them an overview of the subject expertise of their grantees, so that they could better allocate funds to support a diverse range of experts.

Average share of publications resulting from corporate collaborations



Source: Scopus

A diversity of perspectives in research strengthens the quality of knowledge production, the relevance of research and the ability of society to innovate. Since researchers bring their own perspective to the research, understanding the researcher pool from different frameworks – area of expertise, collaborative network, gender – can facilitate putting together the most impactful team.

Seeing your research portfolio from a new perspective: author analysis, gender analysis, collaboration analysis

Questions we can help you answer



What is the gender makeup of my researcher pool and how can I benchmark this against peers?



What is a reasonable goal for gender-based diversity among my funded researchers?



Who are the best people for my funded researchers to collaborate with?



Who can I pair my researchers with to improve the outcomes of my funding?

Our approach

Scopus indexes authors with an associated unique identifier – a Scopus Author ID – and can perform a sophisticated author-matching algorithm to identify documents published by an author. Alternate spellings, variations of an author's last name and distinctions between same surnamed are all taken into consideration. This information can be enriched manually with data provided by authors, either directly through Scopus or via Scopus' direct links with ORCID (Open Researcher & Contributor ID). With this data structure, all the papers, affiliations, and citations of an author can be identified to form a Scopus Author Profile, with an author's country of origin determined by the country in which their first paper was published. Author names and country of origin can also be used to assess gender using various types of software.

This robust data structure enables us to perform researcherlevel analyses into author output, gender distribution and movement within the researcher workforce.

Tools and data sources readily available to our teams

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UKRI-India: partnership for growth with research innovation



This report highlights the impact of a partnership facilitated by UKRI India since its inception in 2008, underscoring its pivotal role in strengthening the UK-India research and innovation

relationship. Since 2008, UKRI India has supported research and innovation programs valued at over £330 million, with contributions from the UK, the Government of India, and third-party funders. To assess the outcomes of its funded projects, UKRI India commissioned Elsevier's Analytical Services team to conduct a data-driven analysis. This report, supported by Elsevier's independent research, showcases the significant contributions of UKRI India in advancing collaboration between the UK and India in research and innovation

[Read the report](#)

Progress Toward Gender Equality in Research & Innovation - 2024 Review



This report examines the progress achieved over the past two decades toward ensuring equal participation of women in research and innovation. By providing a deeper understanding of the current landscape, it aims to highlight pathways for advancement, guide policymaking, and support efforts to promote gender diversity

and equal opportunities within the research workforce. The analysis leverages over 20 years of Scopus data to evaluate women's representation in research and track changes over time, offering insights at both a global level and across 18 specific countries.

[Read the report](#)

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Analytical Services reports answer pressing questions relevant to research management and inform decisions related to funding allocations, research policies and strategies.

Quantitative analysis of Dutch research and innovation on key technologies



This detailed report, commissioned by the Dutch Ministry of Economic Affairs and Climate Policy (MinEZK), explores the Netherlands' research capabilities across 44 key technologies, offering comparative data that highlights the country's position in the global research landscape. It presents a thorough and nuanced analysis of the Netherlands' scientific standing, including comparisons with the research landscapes of 15 EU countries, China, the United States, and the global community at large.

[Read the report](#)



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