ELSEVIER

Elsevier Research Intelligence

Research Intelligence

A comprehensive research information management portfolio

Improve your ability to establish, execute,
and evaluate institutional research strategy.

Empowering Knowledge

Combining new-generation SciVal® tools and the Pure information-management system with rich data assets and customized analytical services, Elsevier Research Intelligence can improve your ability to establish, execute and evaluate institutional research strategy.

The world of research faces tough challenges

Elsevier Research Intelligence answers the most pressing challenges research institutions face with innovative tools that solve problems and expand capabilities. We take a consultative approach, working in partnership with individual institutions to meet your specific needs through our portfolio of SciVal tools, the Pure system, rich data assets and customized Analytical Services.

Constantly evolving and ever more challenging, today's R&D landscape requires research managers to ensure desired outcomes and devise better ways of measuring the quality and impact of research projects. To accomplish these objectives, research leaders must be able to:

- **Identify the institution's strengths and shortcomings, and determine which areas of research to invest in.**

- **Locate funding opportunities and track outcomes.**

- **Benchmark research performance against peer institutions.**

- **Evaluate researcher and team performance for recruitment and retention decisions.**

- **Partner with other institutions and help researchers collaborate.**

- **Gather comprehensive and reliable data to build research strategies, as well as analyze and report on results; for example, to support national assessment exercises.**

- **Promote the expertise and accomplishments of the organization.**

User benefits

Vice chancellors of research – to inform strategic planning; track research performance; understand the institution's research strengths; benchmark; and increase funding application and success rates.
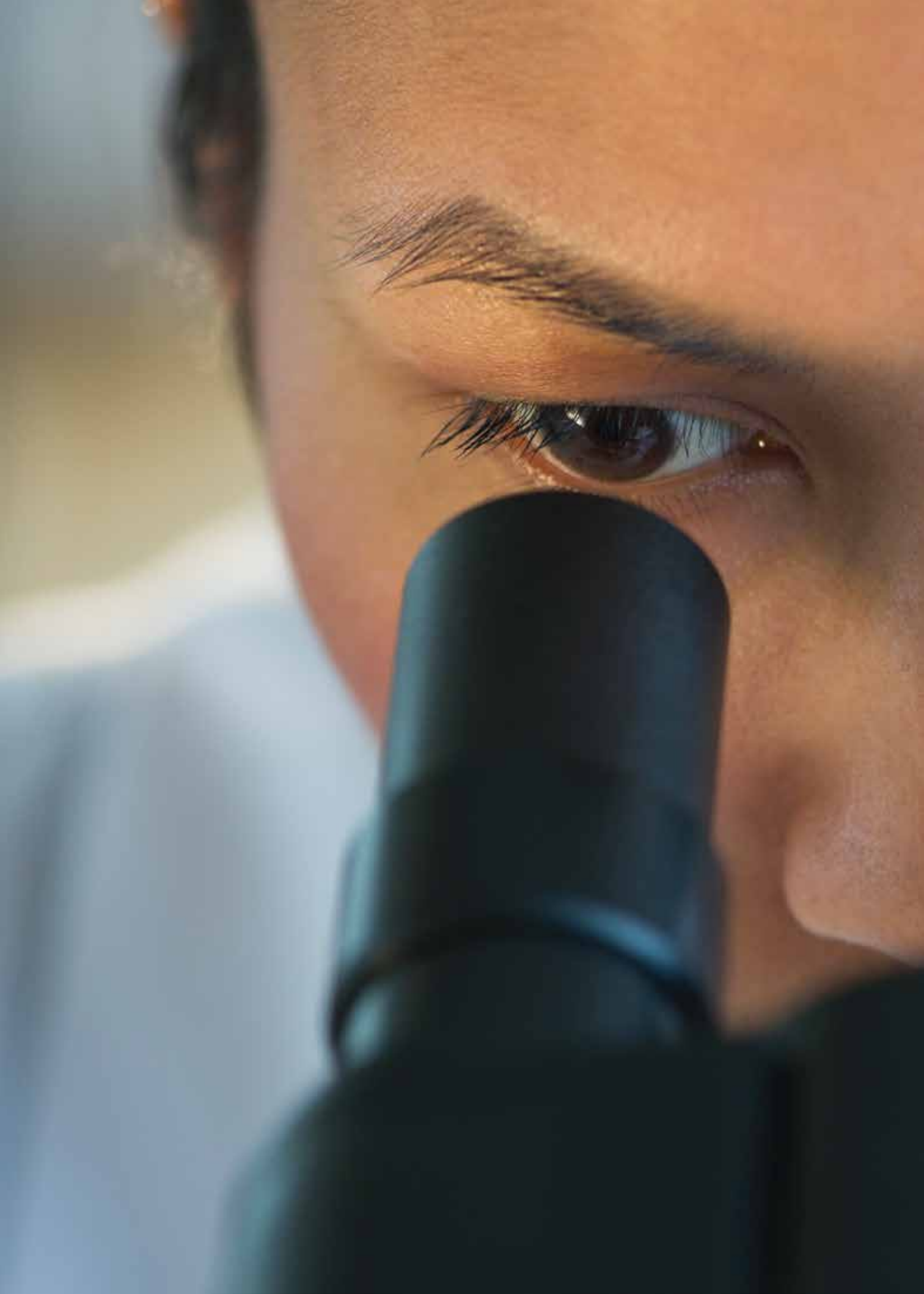
Research administrators – to create management-level reports; accelerate institutional and cross-institutional collaboration; win and support large grants; find the right opportunities and assemble the right teams; and demonstrate researchers' expertise.

Department heads – to retain and recruit researchers; gain an objective view of team performance; benchmark; win large grants; and maintain accountability.

Researchers – to raise their visibility and highlight achievements; expand networking; locate collaborators and mentors; and find appropriate funding opportunities.

Elsevier is committed to supporting the world of research and institutions like yours that power it.

At Elsevier, the world's leading provider of science and health information, we're committed to helping you plan wisely and invest strategically to maximize research performance. Elsevier has been around since 1880, publishing research and partnering with institutions like yours to advance scholarship and improve lives.

That's why we built Elsevier Research Intelligence, a comprehensive portfolio of research management solutions designed to provide a view that spans from panoramic to granular. Through Elsevier Research Intelligence – Pure, SciVal, Funding, Custom Solutions for Funders, and Analytical Services – we combine institutional and external information with data from Scopus®, the trusted standard among researchers and research strategists alike, to help institutions drive successful outcomes.

Elsevier Research Intelligence is used by the world's research leaders to assess research strengths and inform decision-making at each stage of the research lifecycle.

What we offer

CORE

SciVal (External View)
Ready-to-use tools to analyze the world of research, and to establish, execute and evaluate optimized strategies for the research organization.

Modules:
- Overview
- Benchmarking
- Collaboration
- Funding

Pure (Internal View)
Comprehensive research information management system to enable evidence-based decisions, promote collaboration, simplify administration and optimize impact.

Modules:
- Administration
- Reporting
- Import
- CV
- Award Management
- Assessment
- Portal (Experts, Institutional)

Analytical Services
Customized analysis, reports and services
- Analytical Report Services
- Data Integration Services
- Reviewer Finder
- Custom Solution for Funders
- Scopus Custom Data
- Author Profile Refinement Services
- Fingerprint Engine

COMPLEMENTARY TOOLS AND RESOURCES

Scopus
The largest abstract and citation database of peer-reviewed literature; the broadest source of global, relevant scientific research, with tools that track, analyze and visualize research.

Mendeley
A free reference manager and academic social network that can help organize research, collaborate with others online, and discover the latest research, as well as other meaningful trends in global research activity.

What we support

ENABLE RESEARCH
- Develop Strategy
- Identify/Recruit Researchers
- Secure Funding
- Establish Partnerships
- Manage Facilities

CONDUCT RESEARCH
- Search, Discovery, Read, Review
- Collaborate, Network
- Experiment
- Analyze, Synthesize

SHARE RESEARCH
- Manage Data
- Publish, Disseminate
- Commercialize
- Promote

Who we support

- **Research Institutions**
- **Funders**
- **Policy makers**

- Provosts
- Vice Chancellors Research
- Research Administrators/ development professionals
- Researchers
- Research Managers
- Department Heads
- Librarians
- Students
- Communications Professionals
- Technology Transfer Officers
- Grant Managers
- Legislators
- Economic Development Officers

Pure | Comprehensive research information management

Pure facilitates an evidence-based approach to your institution's research and collaboration strategies, assessment exercises and day-to-day business decisions.

Research information is often fragmented across various systems and spreadsheets within an institution. This leads to administrative overhead, inconsistent and incomplete data and unreliable reports, all of which adversely affect business decisions.

Pure unifies your internal and external databases into a single CERIF-compliant platform where it's easy to access, review, correct, update and publish to the web. What's more, it streamlines the generation of reliable, internal intelligence reports and ensures the data that drives your strategic decisions is trusted, comprehensive and accessible in real time. A highly versatile system, Pure enables your organization to build reports, carry out performance assessments, manage researcher profiles, enable expertise identification and more, all while reducing the administrative burden for researchers, faculty and staff.

Pure: flexible configuration options to meet your needs

From a turnkey expertise profiling and research networking tool – known as the Pure Experts Portal – to a fully integrated research information system, Pure provides an extensive range of configuration options. Choose between a combination of data input and data management modules options, then showcase your authorized work via a portal or other web platform.

Key questions Pure addresses

With core institutional data available in one location, Pure provides assistance with many research workflow-related issues.

For example:

"Collecting data on my faculty's activities takes me too long. How can I make this more efficient and be certain that the data I've gathered is reliable and complete?"

"How can I help my researchers find relevant streams of research funding and effectively administer the application processes?"

"How can I effectively track and report on our research activities to provide better strategic management decisions?"

"I must provide evidence of our research effectiveness to grant-funding bodies and national assessment exercises. How can I streamline this process to maximize our returns?"

"I need to exhibit my researchers to the outside world to help encourage collaboration and corporate partnerships. How can I facilitate this with the least amount of effort?"

Apply Pure's research workflow tools to:

Consolidate
- Simplify research information management and reduce administrative overhead.
- Capture data across the world of research.

Validate
- Certify your research information as validated and reliable.

Profile
- Create rich researcher profiles and publication lists on the fly.
- Generate and share personalized CVs.
- Achieve precise, current, reliable researcher-profile publication lists with minimal effort.

Report
- Build and share reports tailored to uncover actionable insights.
- Streamline national assessment reporting.

Analyze
- Track progress towards research milestones for groups and individuals.
- Identify subject experts through the Elsevier Fingerprint Engine™.

Monitor
- Monitor your research grant life cycle and success rates.

Showcase
- Pure's portals promote accomplishments and facilitate collaboration through expertise profiling and research networking.

SciVal | Build your views on the world's research

SciVal offers quick, easy access to the research performance of 220 nations as well as 4,600 research institutions. A ready-to-use solution with unparalleled power and flexibility, SciVal enables you to navigate the world of research and devise an optimal plan to drive and analyze your performance.

SciVal's integrated modular platform allows you to configure, visualize and export information according to your personal needs and preferences, so that you can benchmark with meaning and accuracy to better understand your position relative to your peers, as well as global and domestic standards.

Overview | Benchmarking | Collaboration

Create and select research entities

Select metrics

High Performance Computing Cluster (HPCC) Systems

Scopus data

Information provided by SciVal is drawn from the Scopus dataset. Scopus is the largest abstract and citation database of peer reviewed literature which includes:

- **21,000 titles from more than 5,000 international publishers**
- **20,000 peer-reviewed journals (including 2,600 open access journals)**
- **390 trade publications**
- **370 book series**

Key questions SciVal addresses

Because SciVal uses advanced data analytics and super-computer technology, users can instantly configure and process enormous amounts of data, and generate on-demand data visualizations relevant to specific challenges.

For example:

"I want to benchmark my institute against its peers, and my departments also want to benchmark themselves. How can we all do this effectively to suit our different realities?"

"My vice chancellor is going to China. Whom do our academics collaborate with there?"

"How can we demonstrate excellence in a way that best shows our unique strengths in order to secure funding and attract students?"

"I want to explore the various scenarios I'm considering to set up a center of excellence. How can the data provide me with insights?"

"How can I find funding opportunities that match my research interest and enable me to take a focused approach?"

Use SciVal tools to:

- Gain immediate access to the world's research.

- View a ready-made, at-a-glance snapshot of your research performance at all levels.

- Benchmark your performance against any set of peers.

- Model-test "what if" scenarios by creating virtual teams and newly emerging research areas.

- Create publication sets for grant applications and reporting.

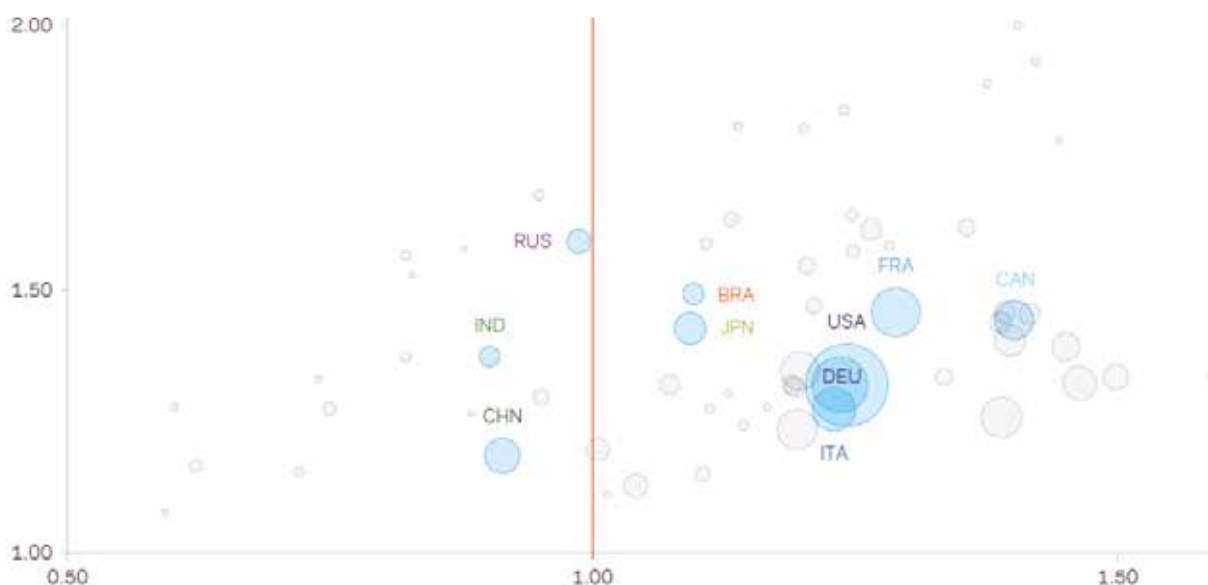- Establish collaborative partnerships locally or globally.

- Track and monitor data on a weekly basis to stay up-to-date with market changes.

Analytical Services | Customized analysis, reports and services that measure research performance

Elsevier's Analytical Services provides accurate, unbiased research-performance analysis based on high-quality data sources plus Elsevier's technical and research metric expertise accrued over 130 years in academic publishing. Our analytics team is experienced in serving policymakers, funders, and research institutions around the world with custom reports ranging from subject-specific analysis to national and institutional assessments.

We also offer data delivery and web integration services tailored to meet your research management needs. We take a consultative approach to understand your goals and interests in order to provide the most appropriate solution.

Analytical Report Services

Data-driven reports based on careful analysis highlight key findings and insights. All reports are customized and include such sources as national research assessment studies, institutional research performance analysis and research landscape studies.
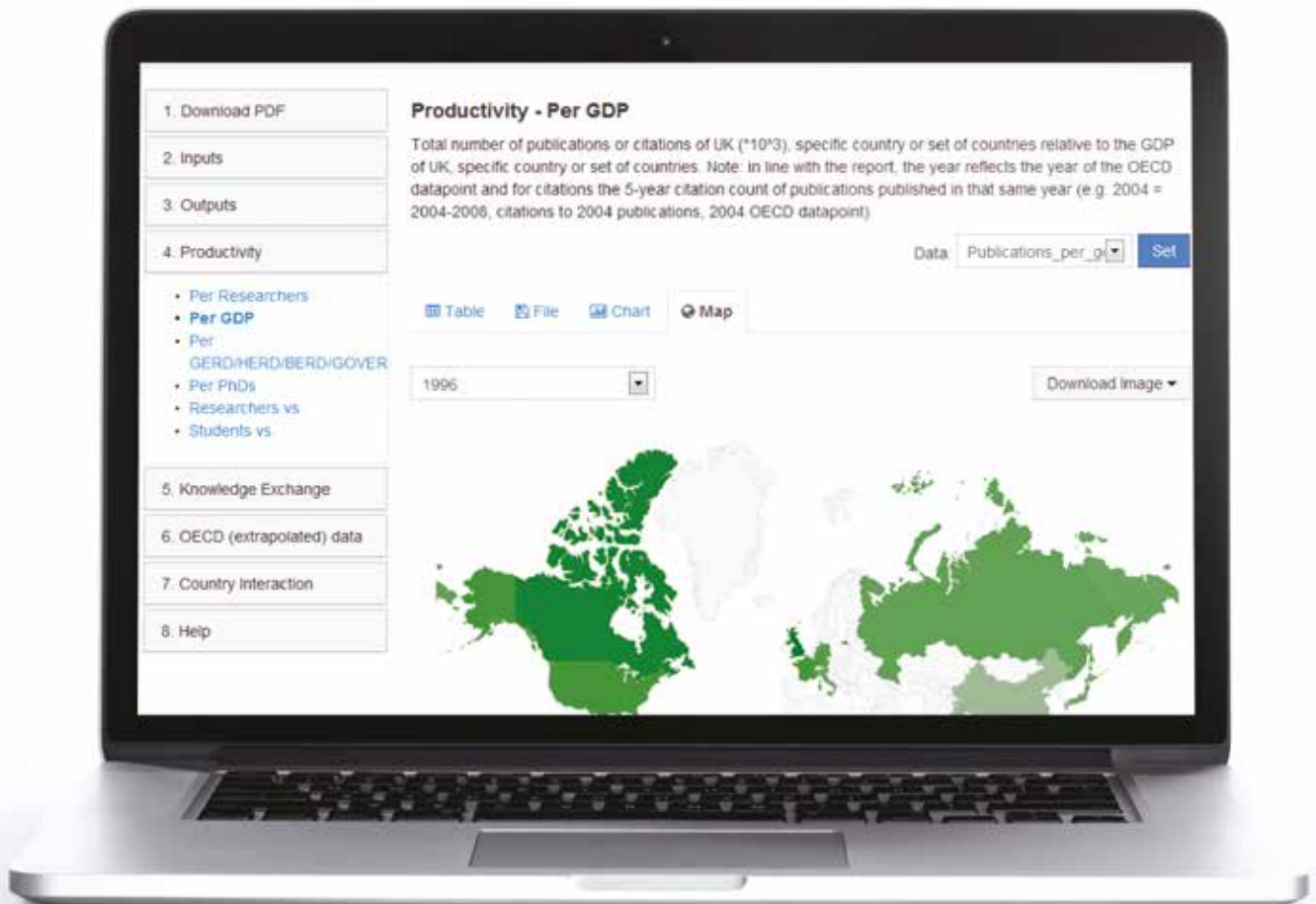
Scopus Custom Data

Specific sets of high-quality data from Scopus, the largest abstract and citation database of peer-reviewed literature, enable you to conduct research performance analysis and build in-house databases.

Web Portal Services

Our web portal service combines data sources in an easy to use web interface to help funders and research organizations perform their own research performance evaluations.

Profile Refinement Service

To create precise, current and reliable publication lists for each author profile in SciVal and Pure, Elsevier offers an optional service that employs both automatic and manual data review by our dedicated Research Intelligence Profiles Team.

Solutions for funders

Funding solution for researchers

Evidence-based decision making enables research funders to make every dollar count. Elsevier Research Intelligence helps funders find projects they want to support, manage their portfolio and assess the effectiveness of projects they invest in, and identify trends across key research areas. Elsevier can also support your operational needs by helping you find the right peer reviewers, fast.

Custom Web-integrated Platform

We offer a tailored web-integrated platform that enables research institutions to submit and review analyzed data to fulfill the requirements of specific national research assessment exercises. We provide a full range of support from data collection to analysis and reporting.

Grant Management

Identify applications that closely resemble already funded projects by integrating your own funding information with SciVal Funding and Scopus data. Using the Elsevier Fingerprint Engine*, you can categorize your existing and prospective projects to view the composition and performance of your funding portfolio.

Reviewer Finder

Reviewer Finder helps you expand your reviewer network by identifying the right researchers to evaluate your grant applications. Powered by the Elsevier Fingerprint Engine, it identifies potential conflicts of interest and suggests reviewers for an incoming proposal.

SciVal Funding

SciVal Funding helps researchers, administrators and research development professionals find the right funding opportunities, analyze the funding environment, and as a result optimize their likelihood of winning funding awards. Listings of current funding opportunities and award history offer insights into sponsors that match your research interests, as well as details on past awardees. SciVal Funding offers comprehensive coverage of grants from Australia, Canada, the European Commission, India, Ireland, New Zealand, Singapore, South Africa, the United Kingdom, and the United States.

*Elsevier Fingerprint Engine™

The Elsevier Fingerprint Engine is a back-end software system that processes unstructured text and compiles a collection of key concepts representing each article.

Elsevier Research Intelligence helps funders
identify trends and projects that meet their
objectives, manage their portfolios and assess
the effectiveness of projects they invest in.

The four ingredients you need to make evidence-based research management decisions with confidence

At Elsevier, we understand that research managers need to base strategic decisions on robust observations drawn from a combination of expert knowledge, peer review and reliable data. What's more, that data must be transparent, reliable, and up-to-date. Ideally, it should be available in ready-made, at-a-glance standard views, as well as flexible, real-time benchmarking comparisons.

Elsevier Research Intelligence brings together the four key elements essential to an evidence-based research tool capable of meeting this challenge: data, technology, metrics, and visualizations. Designing and building such a solution requires extensive knowledge of data structuring and curation, significant investments in technology, a strong understanding of research management, and excellent partnerships with research institutions.

Elsevier's unique and privileged vantage point on research perfectly positions us to address these needs. We've been publishing scholarly research for over 130 years. Today, we are the leading provider of science and health information, delivering world-class information and innovative tools for scientists, researchers, health care providers, educators, students, and innovators.

At Elsevier, we live and breathe research. And we deliver elegant solutions specifically designed to meet your needs.

Data:

Transparent, accurate, current, and granular.

Technology:

Flexibly structured database with complex tags to match all related elements and process vast datasets quickly and accurately.

Metrics:

Consistent, clearly defined, offering community buy-in; can be selected by the user.

Visualizations:

Adaptable, easy to understand, exportable.

Join leading universities, research institutes, funders, policymakers and individual researchers who rely on Elsevier Research Intelligence to facilitate better decision-making; improve collaboration; attract more investment; optimize the value of expenditures; and enhance overall research strategy, execution and performance.

Empowering Knowledge