

From professional metadata indexation to customized research management solutions (Thomson Reuters)



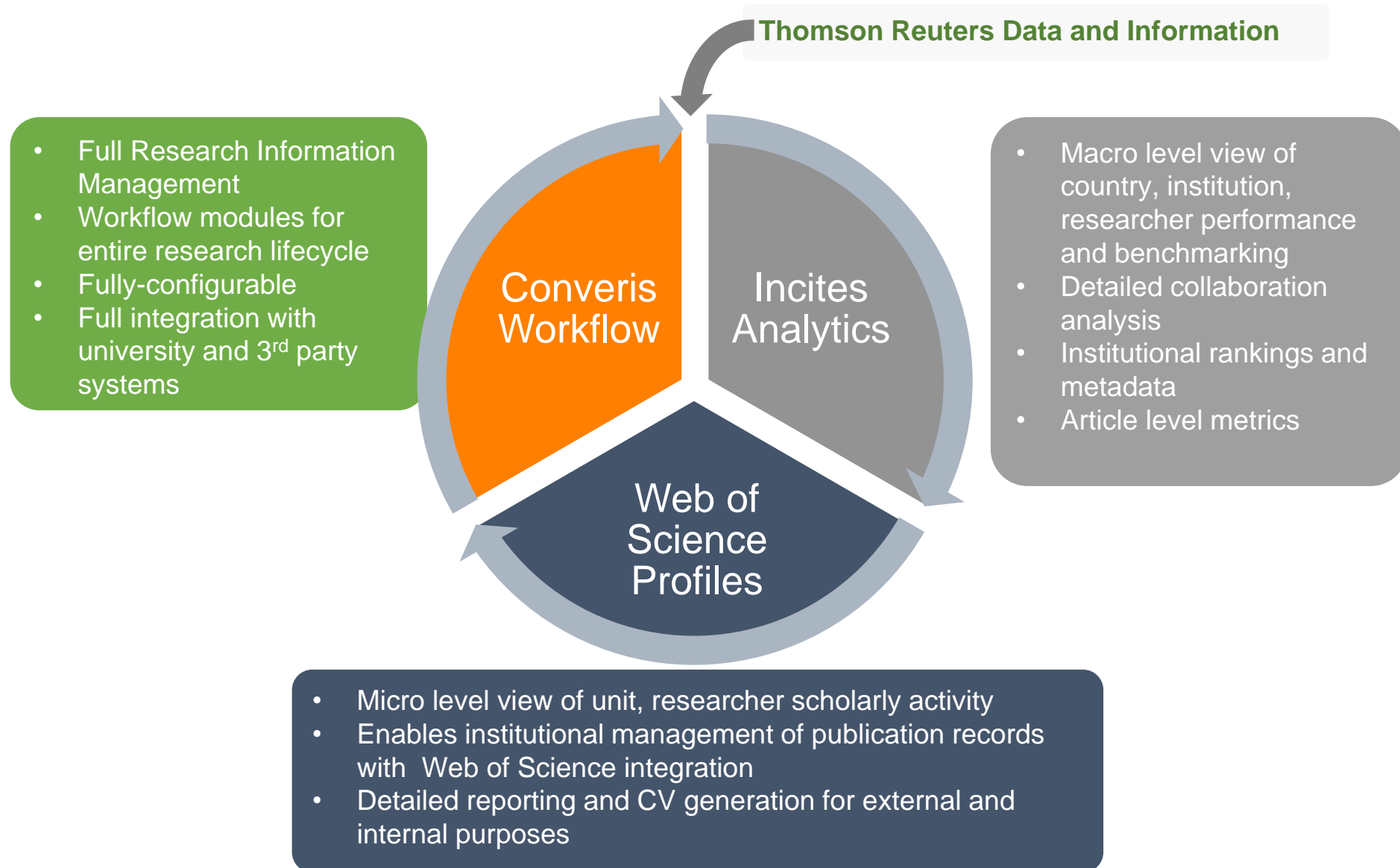
From professional metadata indexation to customized research management solutions

Dr Guillaume Rivalle
June 2016

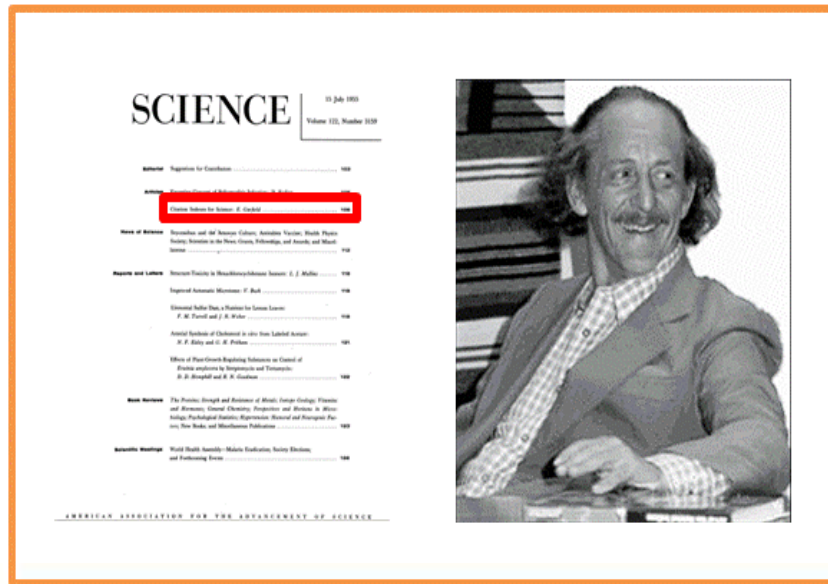


THOMSON REUTERS™

THOMSON REUTERS RESEARCH MANAGEMENT SOLUTIONS



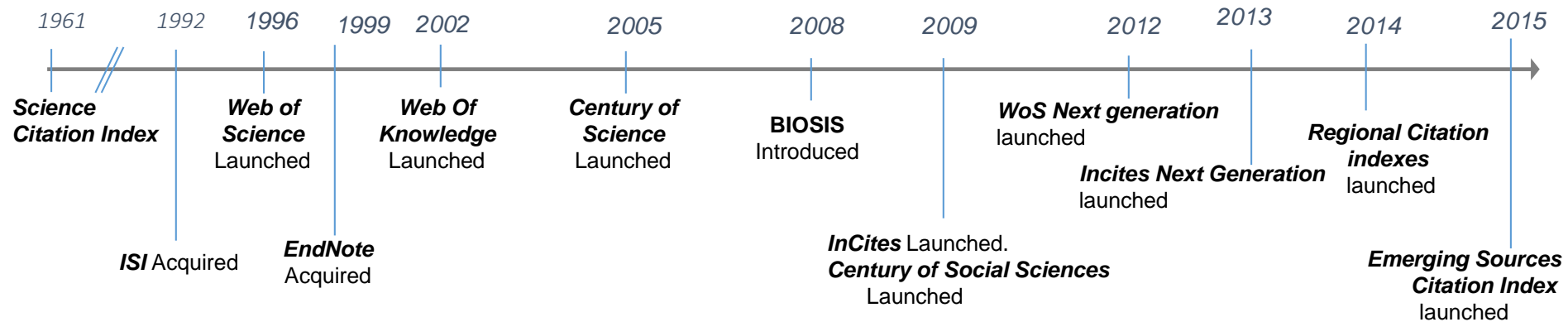
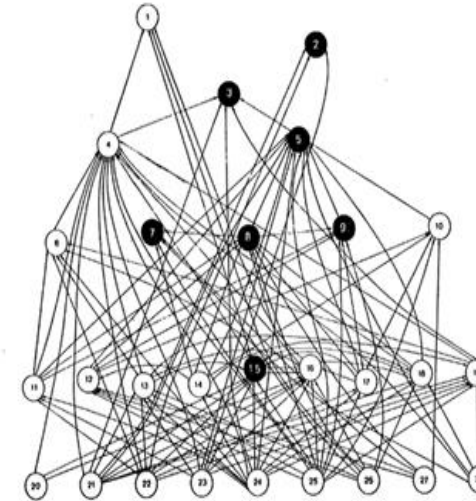
The Web of Science Development



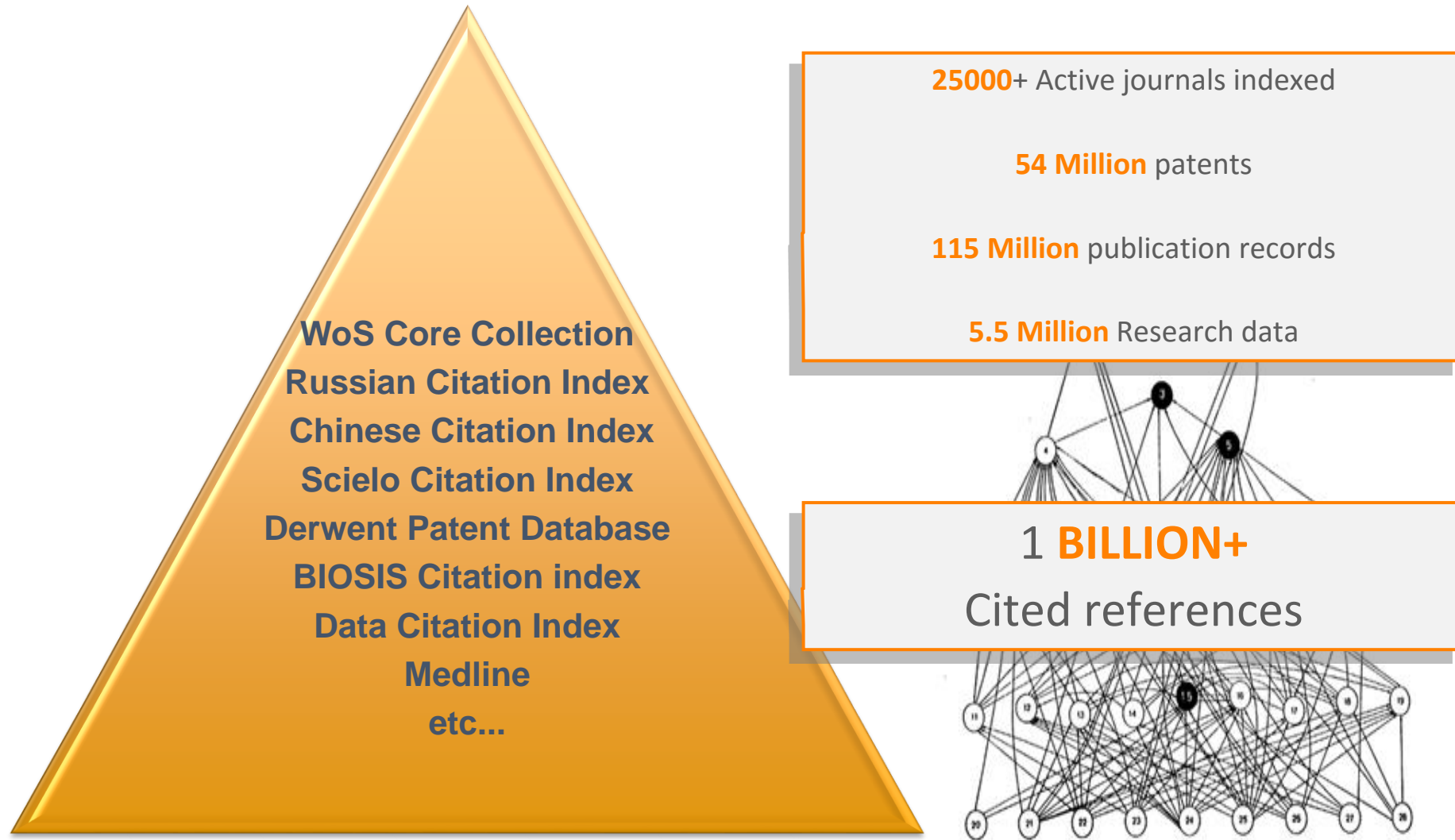
Citation Indexes for Science

A New Dimension in Documentation
through Association of Ideas

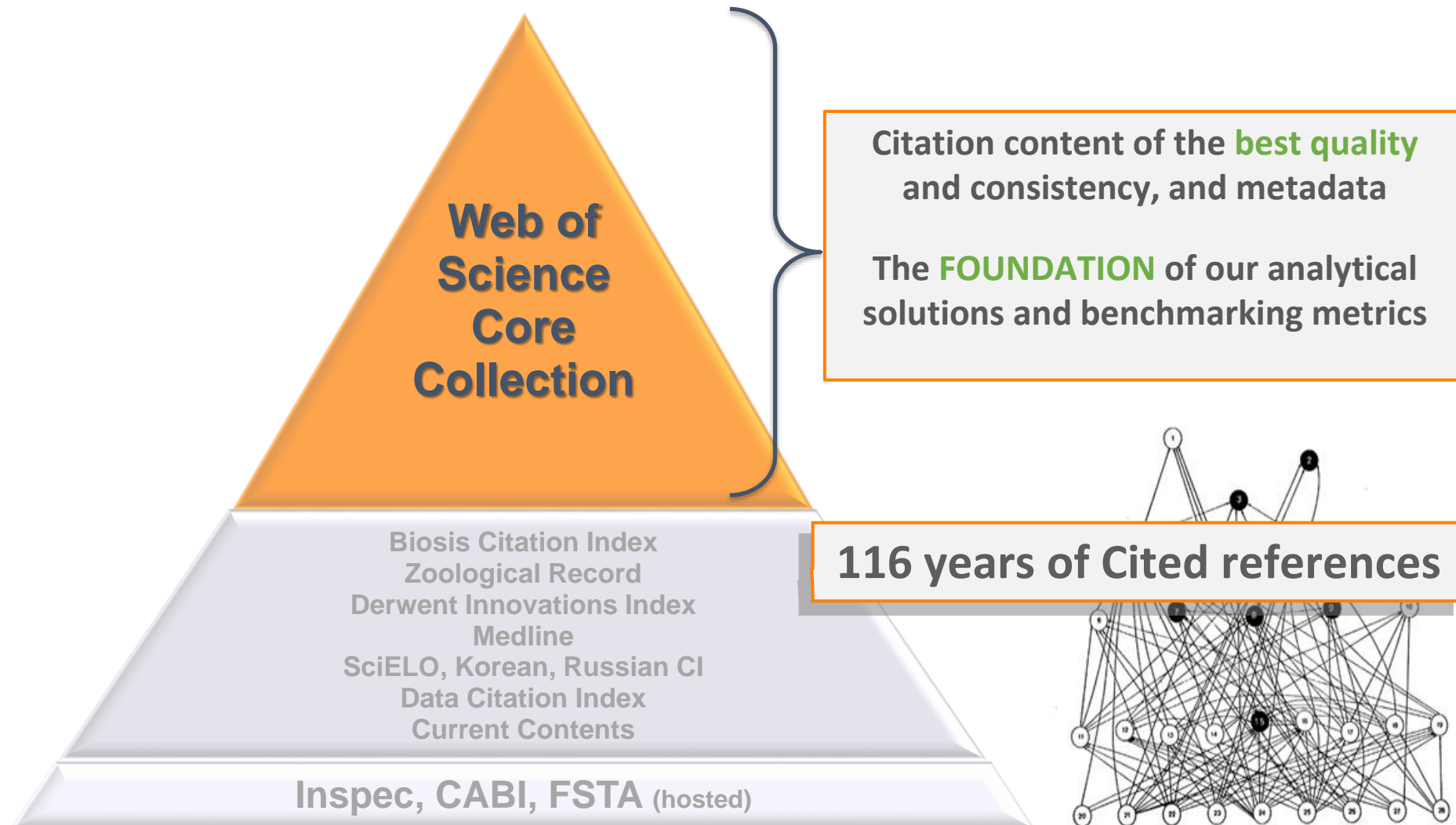
Science 122 (3159), p.108-11, July 1955



The Web of Science Universe



The Web of Science Core collection



The Web of Science Core collection Development

JOURNAL SELECTION PROCESS

- The philosophy of the database is to offer content of the **highest quality**
- Selection is based on quality criteria established and developed for **over 50 years**
- Today, 18 **FULL TIME** editors **fully dedicated** are in charge of content selection and maintaining the quality and coherence of the database (**150 Years of experience**)
- **12% ACCEPTANCE RATE** in 2014

INFORMATION PROVIDER, NOT PRIMARY PUBLISHER

- None of our editors are involved in journal edition or research publishing
- **NEUTRALITY + OBJECTIVITY = SELECTION OF THE HIGHEST QUALITY**

Emerging Sources Citation Index (ESCI)

An **additional index** in the Web of Science Core Collection to widen the window for research discovery

About **5000 journals** by the end of 2016 (3170 in Core Collection today)

2500 Journals from Europe

45% **Open Access** (so far)

Keep the **cc**

- P
- P
- H
- A

Same **strict**
authors, All

Once these
journal inde

▼ MORE SETTINGS

Web of Science Core Collection: Citation Indexes

- ☒ Science Citation Index Expanded (SCI-EXPANDED) --1900-present
- ☒ Social Sciences Citation Index (SSCI) --1900-present
- ☒ Arts & Humanities Citation Index (A&HCI) --1975-present
- ☒ Conference Proceedings Citation Index- Science (CPCI-S) --1990-present
- ☒ Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH) --1990-present
- ☒ Book Citation Index- Science (BKCI-S) --2005-present
- ☒ Book Citation Index- Social Sciences & Humanities (BKCI-SSH) --2005-present
- ☒ Emerging Sources Citation Index (ESCI) --2015-present

Web of Science Core Collection: Chemical Indexes

- ☒ Current Chemical Reactions (CCR-EXPANDED) --1985-present
(Includes Institut National de la Propriete Industrielle structure data back to 1840)
- ☒ Index Chemicus (IC) --1993-present

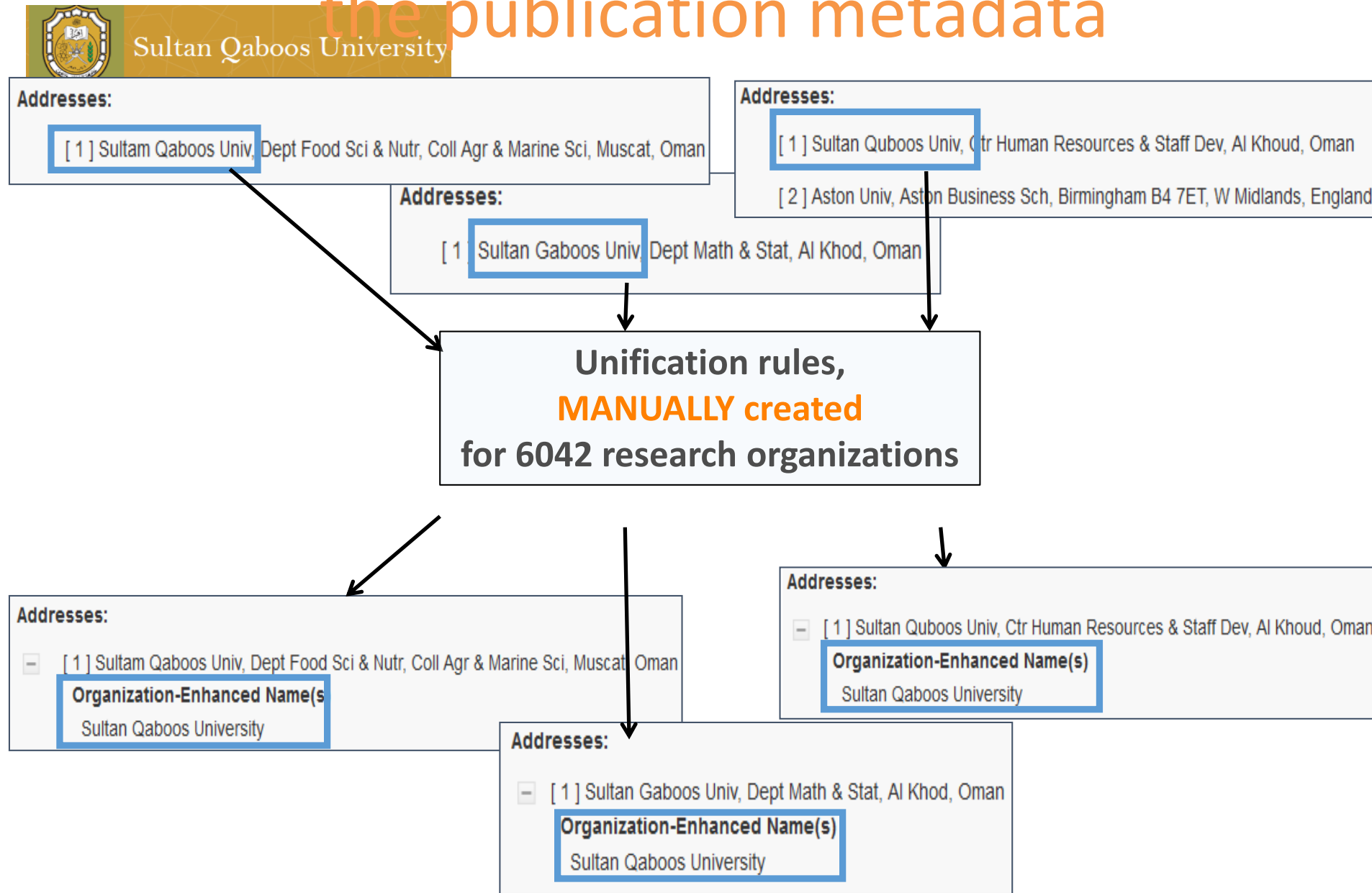
All

e main

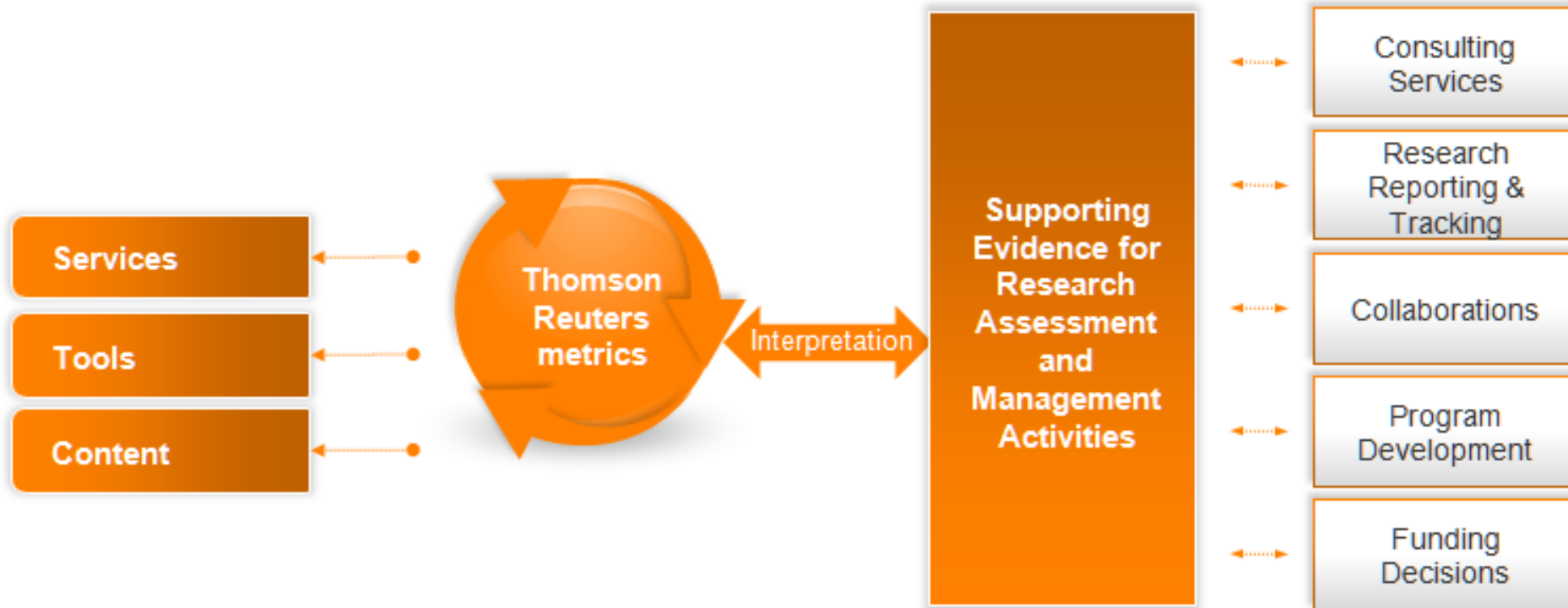
Without **consistent metadata**, no reliable analysis can be conducted and metrics will not reflect reality

Search for a multi-Higgs-boson cascade in W(+/-)W(-)bb over-bar events with the ATLAS detector		
<div>Journals are indexed Cover-to-Cover</div>		
[160] CNRS, IN2P3, F-91405 Orsay, France	Funding	
[161] Osaka Univ,		
[162] Univ Oslo, D		
[163] Univ Oxford, Dept Phys, Oxford, England	ANPCyT, Argentina	
[164] Ist Nazl Fis		
[165] Univ Pavia, Dipartimento Fis, I-27100 Pavia, Italy		
[166] Univ Penn, Dept Phys, Philadelphia, PA 19104 USA	BMWF and FWF, Austria;	
[167] Petersburg N		
[168] Ist Nazl Fis		
[169] Univ Pisa, Dipartimento Fis E Fermi, Pisa, Italy		
[170] Univ Pittsburgh, Dept Phys & Astron, Pittsburgh, PA 15260 USA		
[171] LIP, Lab Inst		
[172] Univ Granada		
[173] Univ Granada, CAFPE, Granada, Spain		
[174] Acad Sci Czech Republic, Inst Phys, Prague, Czech Republic Organization-Enhanced Name(s) Czech Academy of Sciences		
[175] Czech Tech Univ, CR-16635 Prague, Czech Republic Organization-Enhanced Name(s) Czech Technical University Prague		
[176] Charles Univ Prague, Fac Math & Phys, Prague, Czech Republic Organization-Enhanced Name(s) Charles University Prague		
	CONICYT, Chile	
	CAS, MOST and NSFC, China	
	COLCIENCIAS, Colombia	
	MSMT CR, MPO CR and VSC CR, Czech Republic	
	DNRF, DNSRC and Lundbeck Foundation, Denmark	
	EPLANET, ERC and NSRF, European Union	
	IN2P3-CNRS, CEA-DSM/IRFU, France	

Johnson Reuters effort to make organization more visible by enhancing the publication metadata



WITH ACCESS TO THE INDUSTRY'S MOST TRUSTED DATA, TOOLS
AND SERVICES, THOMSON REUTERS SERVES AS A HIGH-VALUE
RESEARCH MANAGEMENT AND ASSESSMENT DECISION SUPPORT
RESOURCE



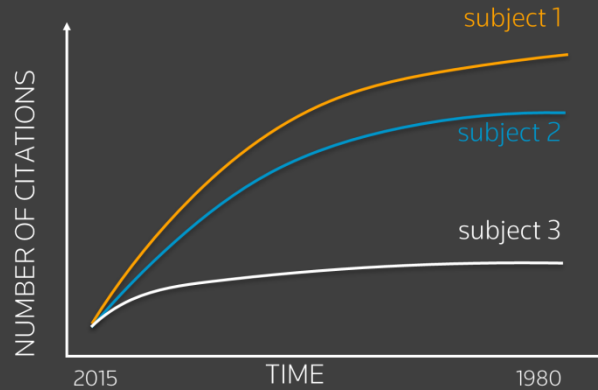
EXAMPLES OF METRICS DERIVED FROM OUR PUBLICATION DATA



THOMSON REUTERS™

USING INDICATORS WISELY

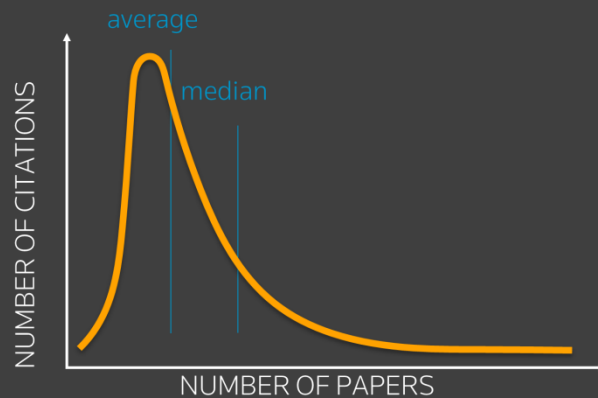
NO SINGLE INDICATOR TELLS THE ENTIRE STORY



ABSOLUTE INDICATORS

number of documents or citations, and derivatives (e.g. citation impact) will vary depending on subject category, time, and document type

These can tell you about factors such as productivity but do not allow for meaningful comparisons across domains



NORMALIZED INDICATORS

performance against the set of documents normalized for subject/journal, publication year, and document type

These can be used for performance comparisons

Normalized indicators are based on averages and can be skewed by a single or small numbers of highly cited documents: use larger document sets and appropriate thresholds and filters. Caution should be applied to analyses of recent years as they may have low document and citation baselines

INDICATORS AND METRICS

MULTIPLE INDICATORS FOR MULTIPLE QUESTIONS/ANGLES

PRODUCTIVITY & IMPACT

number of WoS documents

times cited

citation impact

% of documents cited

impact factors

H-Index, Eigenfactor, etc.

NORMALIZATION

percentile/average percentile

category normalized citation impact

category expected citation impact

highly cited papers

hot papers

journal normalized citation impact

journal expected citation impact

impact relative to the world

PERFORMANCE

% of documents in top 1%

% of documents in top 10%

category expected citation impact

highly cited papers

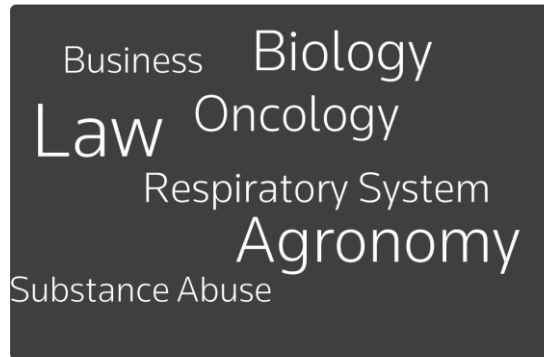
COLLABORATION

% industry collab

% internatl collab

international collabs

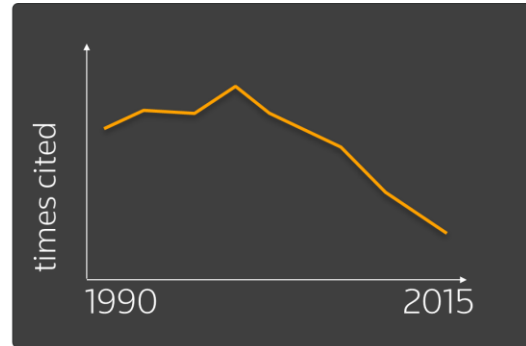
NORMALIZED INDICATORS



CATEGORY

citation patterns differ by subject category

e.g. nanotechnology vs law



TIME

citations accumulate over time and at different rates depending on article age and category

e.g. new articles may accumulate citations quickly, older ones more slowly or not at all



DOCUMENT TYPE

citations differ by document type within a journal

e.g. reviews are generally more heavily cited than articles, and editorials, book reviews etc. may go uncited

NORMALIZATION PUTS DATA INTO CONTEXT— IS AN ENTITY DOING BETTER OR WORSE THAN WOULD BE EXPECTED IN A CATEGORY?

NORMALIZATION AND BENCHMARKING 101

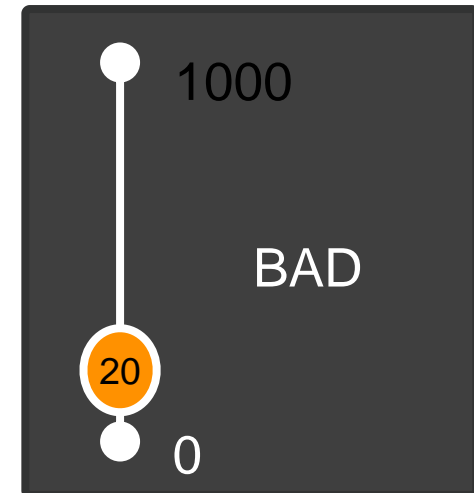
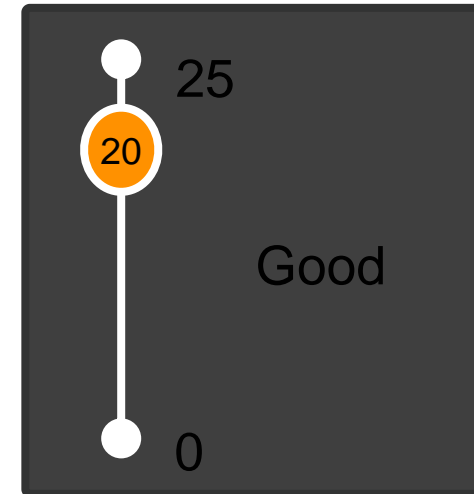
IS **20** “good” or “bad?”

CONTEXT IS EVERYTHING

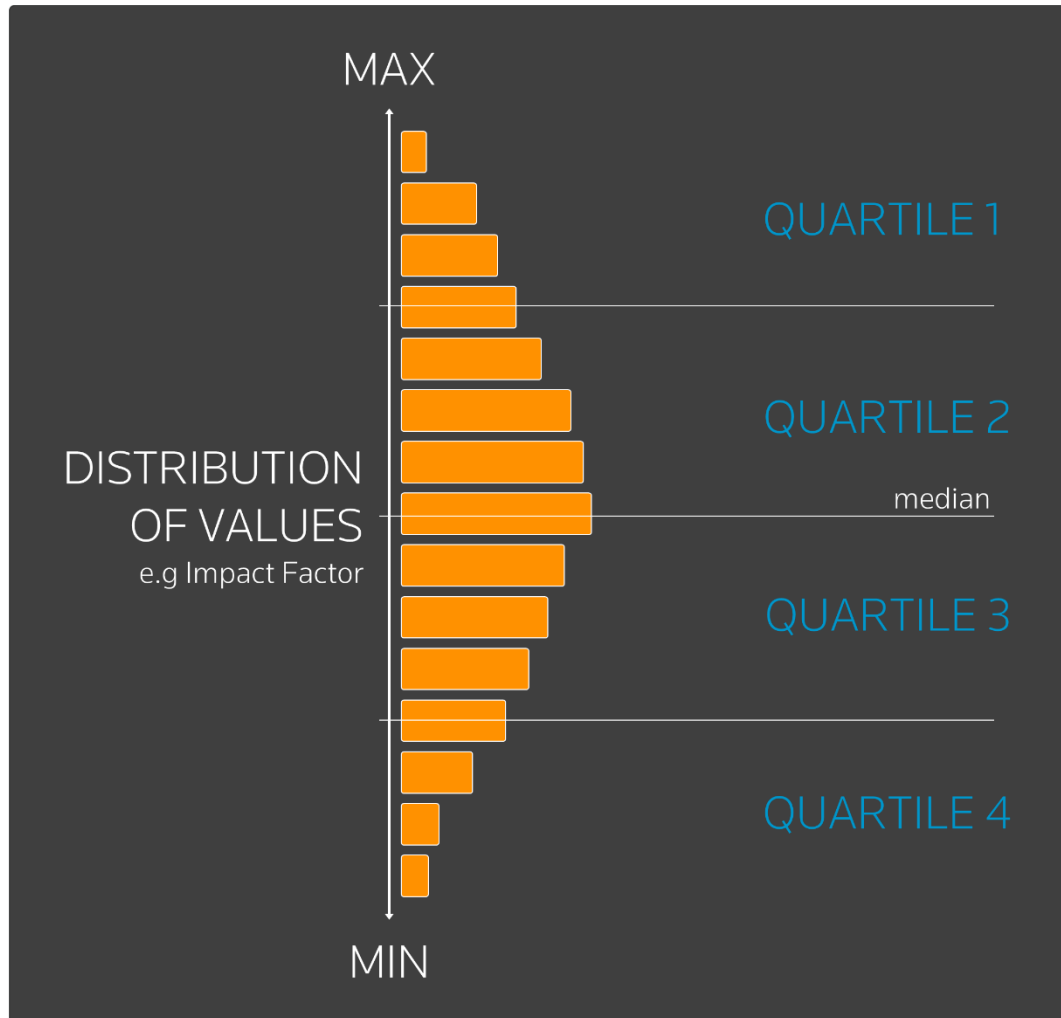
INDICATORS MUST BE PUT INTO CONTEXT
TO BE USEFUL:

CATEGORY, JOURNAL, PEERS, GLOBAL

- ▶ **NORMALIZED INDICATORS** — for relative performance comparisons
- ▶ **PERCENTILES** — where does it fall in the range of values?
- ▶ **BENCHMARKS** — how does it compare with a group or globally?



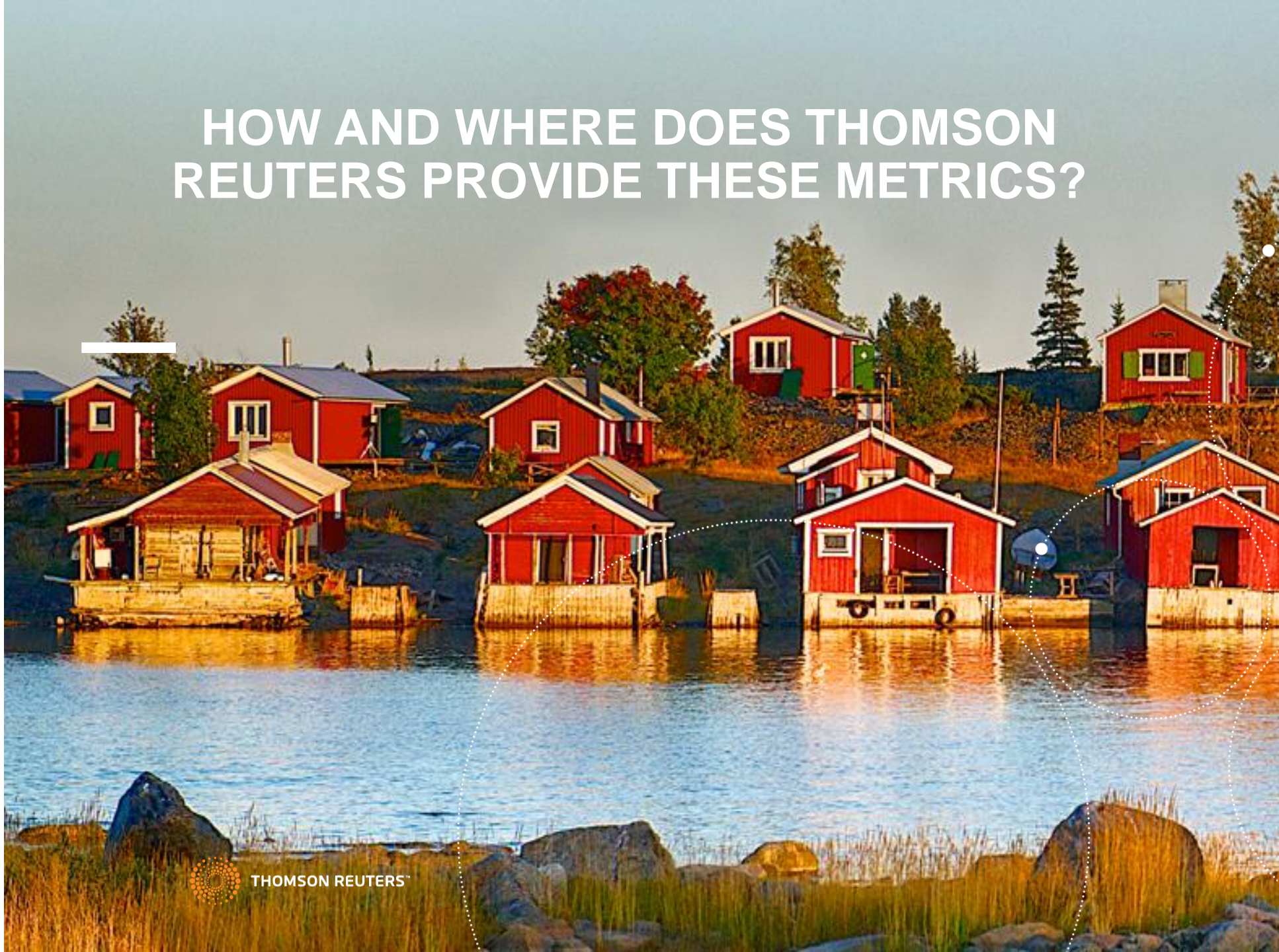
PERCENTILES AND QUARTILES



PERCENTILES can be defined either way, so an item in the 99th percentile may be better or worse than 99% of the group



HOW AND WHERE DOES THOMSON REUTERS PROVIDE THESE METRICS?



THOMSON REUTERS™

Professional customized on-demand reports

Alzheimer's Research UK
Defeating Dementia

20
Defeating Dementia
Building

Bibliometric analysis

These studies and reports can be one-offs or regularly delivered. They cover more than just literature and can include e.g. patent or financial data

Prepared for Thomson Reuters
August 14th, 2014

Confidential: This report should not be disclosed to any third party

Copyright ©2014 Innovative Medicines Initiative

Prepared by Thomson Reuters on behalf of IMI Programme Office under a public procurement procedure
Document reference: IMI2/INT/2015-01848

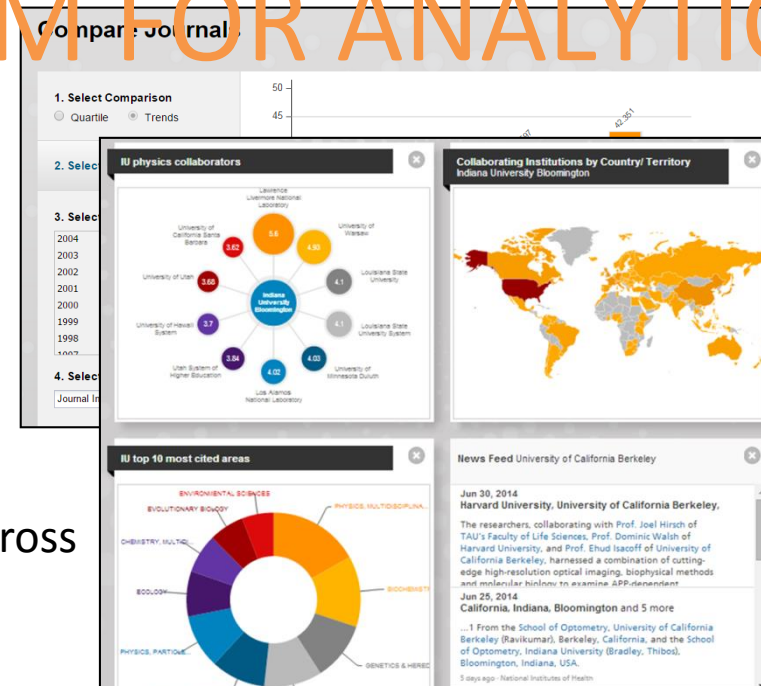
THOMSON REUTERS

www.alzheimersresearchuk.org

INCITES: ONE PLATFORM FOR ANALYTICS

InCites includes:

- *Journal Citation Reports*- comprehensive journal analysis
- *Essential Science Indicators*- top cited research from around the world
- *Benchmarking and Analytics (B&A)*- flexible benchmarking of institutions, journals authors, funders and collaboration analysis across **35 years** of publication activities
- *Web of Science Profiles*- precise bibliometric analysis of your institution's authors and departments

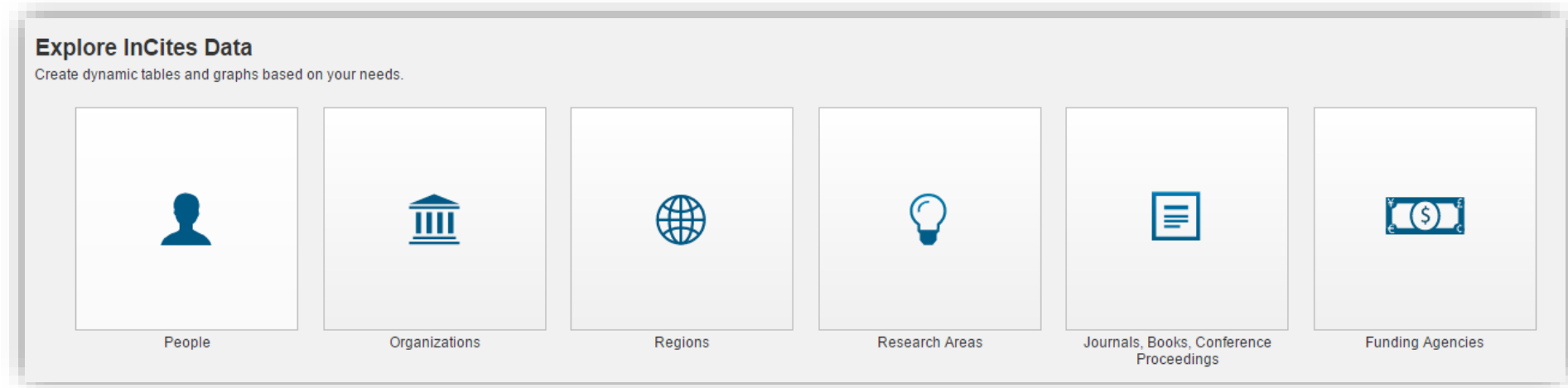


Name	Rank	Web of Science Documents	Category Normalized Citation Impact
Department of History - Philosophy and Religion	1	377	1.32
Department of Social Sciences	2	311	1.41
Department of Biological and Medical Sciences	3	294	1.93
Department of Psychology - Social Work and Public Health	4	213	1
Department of Computing and Communication Technologies	5	210	2.53
Department of Sport and Health Sciences	6	183	1.58
Department of Mechanical Engineering & Mathematical Scienc...	7	151	0.68
Department of English and Modern Languages	8	113	0.8
Department of Planning	9	78	1.85
Department of Clinical Health Care	10	76	1.26
School of Architecture	11	62	1.65

B&A Indicators: appropriate measures for any angle

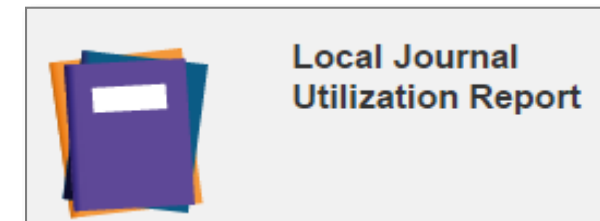
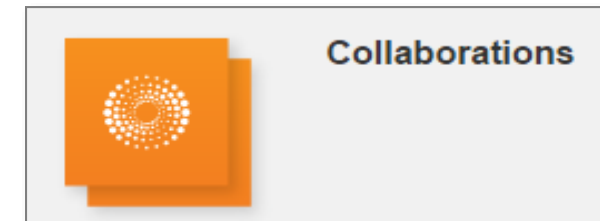


Analytics Workspace and Explore UI



A reports library helps you craft dynamic reports assessing/creating:

- **People**
- **Peer institutions**
- **Regions**
- **Research Areas**
- **Publications**



A powerful combination of filters

The image shows a complex filter interface for a research database. It is organized into several columns and sections:

- Organization Name:** A text input field containing "sofia" with a dropdown menu showing suggestions: "Medical University Sofia", "Military Medical Academy Sofia", "Technical University Sofia", and "University of Sofia".
- Location:** A text input field with an equals sign button.
- Rank:** A text input field.
- Association:** A text input field with an equals sign button.
- Collaborations with People:** A section header.
- Collaborations with Organizations:** A section header.
- Collaborations with Locations:** A section with three tags: "× FRANCE", "× POLAND", and "× CZECH REPUBLIC".
- Document Type:** A section header.
- Research Area:** A section with a "Schema" dropdown set to "OECD" and a "Research Area" section with two tags: "× 1 NATURAL SCIENCES" and "× 2 ENGINEERING AND TECHNOLOGY".
- Journal:** A section header.
- Open Access:** A section header.
- Publisher:** A section header.
- Thresholds:** A section with two sliders:
 - Web of Science Documents:** A slider with "Min: 500" and "Max: 48,000".
 - Times Cited:** A slider with "Min: 5" and "Max: 70".
- By Time:** A section with a "Time Period" slider with "Min: 2007" and "Max: 2011".

Filter the world's publications by:
Organization, Organization type, location, association, author names/profiles, document types, journals, Open Access, Publishers.
Sliders to limit results using tresholds and time period

Build your reports the way you need them

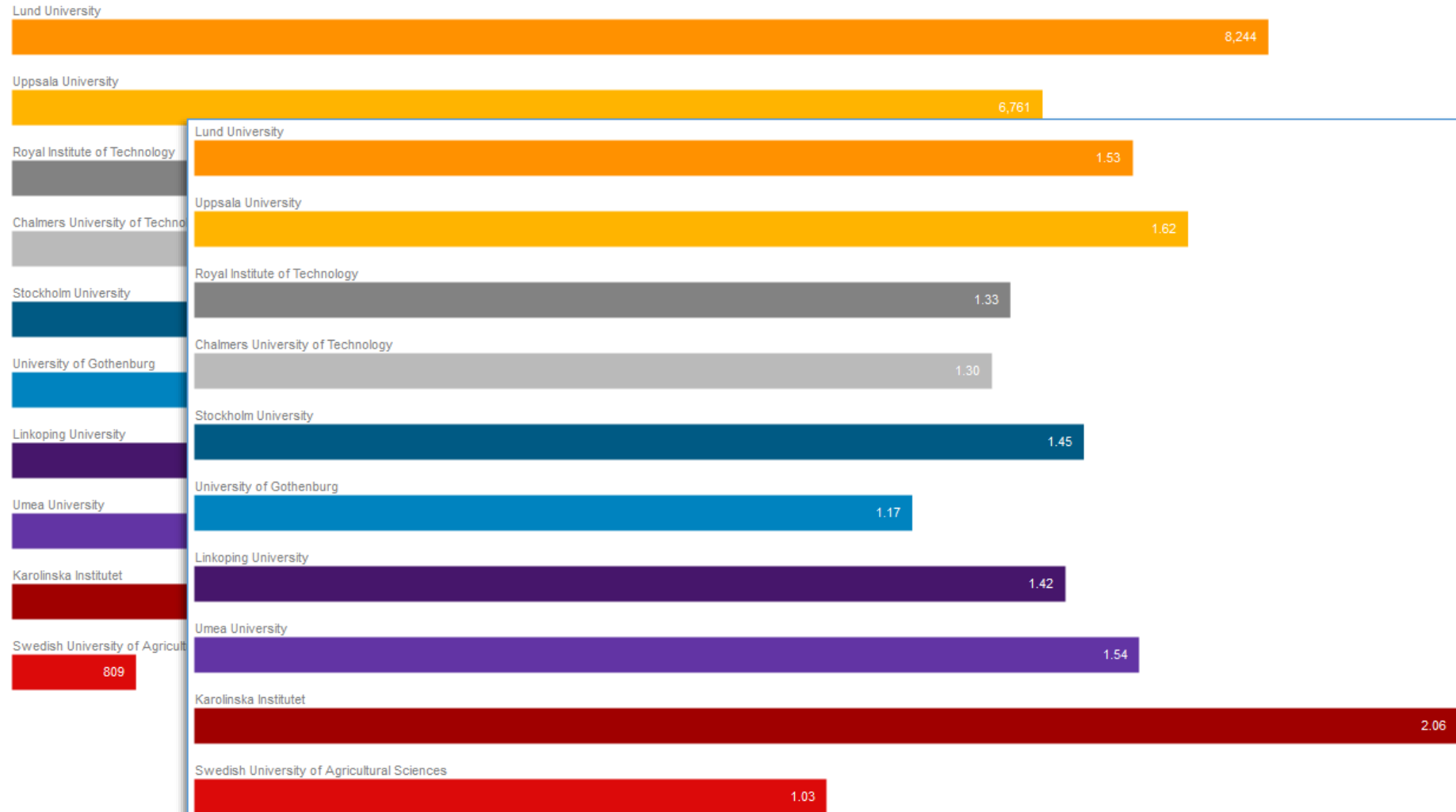
Schema
Essential Science Indi... ▼

Research Area
x Chemistry

Location =

x SWEDEN

Do not only rely on absolute counts
(e.g. Volume of papers), and use other
measures (e.g. Normalized Impact)



Build your reports the way you need them

The screenshot displays a research analytics interface. On the left, a table lists universities with their ranks and various metrics. A dropdown menu is open over the table, showing options for analysis levels. On the right, a 'Manage Indicators' dialog box is shown, allowing users to select metrics for their report.

	Name	Rank	Web of Science Documents	Category Normalized Citation
<input type="checkbox"/>	Max Planck Society	1	111,176	1.73
<input type="checkbox"/>	Free University of Berlin	2	61,582	1.38
<input type="checkbox"/>	Humboldt University of Berlin	3	59,527	1.36
<input type="checkbox"/>	Collaborating Organizations	4	56,012	1.47
<input type="checkbox"/>	Collaborating People	5	55,667	1.47
<input type="checkbox"/>	Collaborating Countries	6	54,709	1.52
<input type="checkbox"/>	Research Areas	7	43,622	1.37
<input type="checkbox"/>	Journals	8	42,226	1.44
<input type="checkbox"/>	Affiliated People	9	36,549	1.32
<input type="checkbox"/>	Associated Countries			
<input type="checkbox"/>	Technical University of Munich			
<input type="checkbox"/>	Eberhard Karls University of Tu...			

Analyze ▾ **Preview** **Refocus** ?

- Collaborating Organizations
- Collaborating People
- Collaborating Countries
- Research Areas
- Journals
- Affiliated People
- Associated Countries

Manage Indicators

Selected Indicators (11) **Browse Indicators**

- Citation Impact**
Average (mean) number of citations per paper **Add**
- International Collaborations**
Papers that contain one or more international co-authors **Add**
- Average Percentile**
Average (mean) of the percentiles for all publications **Add**
- % Documents in Top 1%**
Percentage of publications in the top 1% based on citations by category, year, and document type **Add**
- % Documents in Top 10%**
Percentage of publications in the top 10% based on citations by category, year, and document type **Add**

Cancel **Done**

Choose your angles/metrics

Choose what you want to base your report on, then refocus your analysis on a different level

Visualize your reports the way you want to



Drill on to article level metrics

Web of Science Documents

Documents Per Page 10

Article Title	Authors	Source	Volume	Issue	Pages	Publication Date	Times Cited	Journal Expected Citations	Category Expected Citations
Energy Management and Operational Planning of a Microgrid With a PV-Based Active Generator for Smart Grid Applications	COLAS, FREDERIC; FRANCOIS, BRUNO; KANCHEV, HRISTIYAN; LAZAROV, VLADIMIR; LU, DI	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	58	12	4583-4592	2011	82	16.98	4.74
Picture frame test of woven composite reinforcements with a full-field strain registration	BARBURSKI, M; LOMOV, SV; VERPOEST, I; WILLEMS, A; ZHU, Y	TEXTILE RESEARCH JOURNAL	76						
Methodology for the reliability evaluation of a	BURGAZZI, L; D'AURIA, F; MARQUES,	NUCLEAR ENGINEERING AND DESIGN	235						

Energy Management and Operational Planning of a Microgrid With a PV-Based Active Generator for Smart Grid Applications
By: Kanchev, H (Kanchev, Hristiyan)^[1,2]; Lu, D (Lu, Di)^[2,3]; Colas, F (Colas, Frederic)^[4]; Lazarov, V (Lazarov, Vladimir)^[1]; Francois, B (Francois, Bruno)^[2,3]
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS
Volume: 58 Issue: 10 Pages: 4583-4592
DOI: 10.1109/TIE.2011.2119451
Published: OCT 2011
[View Journal Information](#)
Abstract
The development of energy management tools for next-generation PhotoVoltaic (PV) installations, including storage units, provides flexibility to distribution system operators. In this paper, the aggregation and implementation of these determinist energy management methods for business customers in a microgrid power system are presented. This paper proposes a determinist energy management system for a microgrid, including advanced PV generators with embedded storage units and a gas microturbine. The system is organized according to different functions and is implemented in energy management of the microgrid and a local power management at the power planning is designed according to the prediction for PV power production and The central and local management systems exchange data and order through a work. According to received grid power references, additional functions are also locally the power flows between the various sources. Application to the case of a

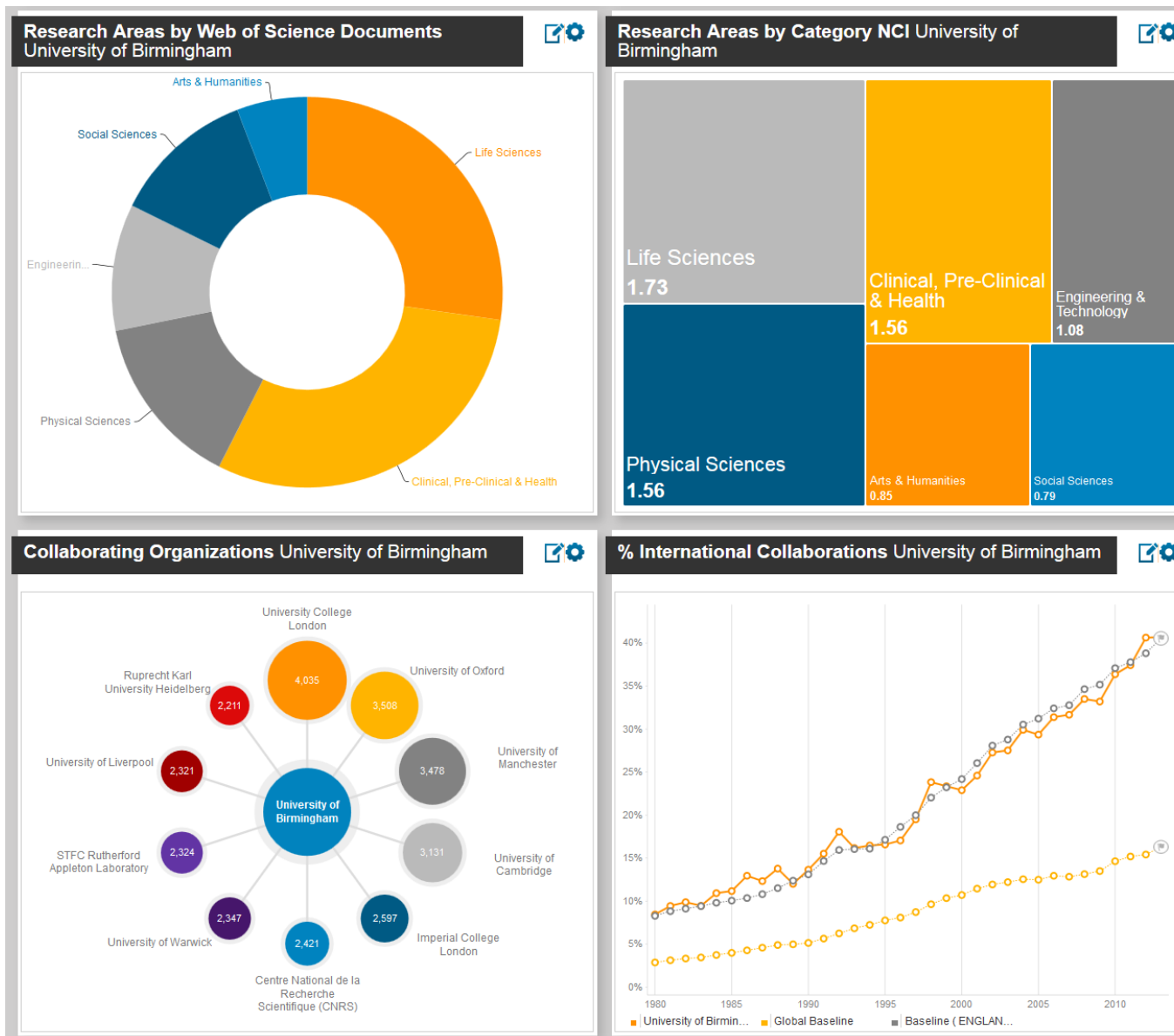
Citation Network
95 Times Cited
28 Cited References
[View Related Records](#)
[View Citation Map](#)
[Create Citation Alert](#)
(data from Web of Science™ Collection)
All Times Cited Counts
101 in All Databases
95 in Web of Science Core Collection
0 in BIOSIS Citation Index
6 in Chinese Science Citation Database
0 in Data Citation Index
0 in SciELO Citation Index
[Highly Cited Paper](#)

Drill to article level metrics then access the record in the Web of Science Core Collection

Configure dashboards and metrics relevant to your needs

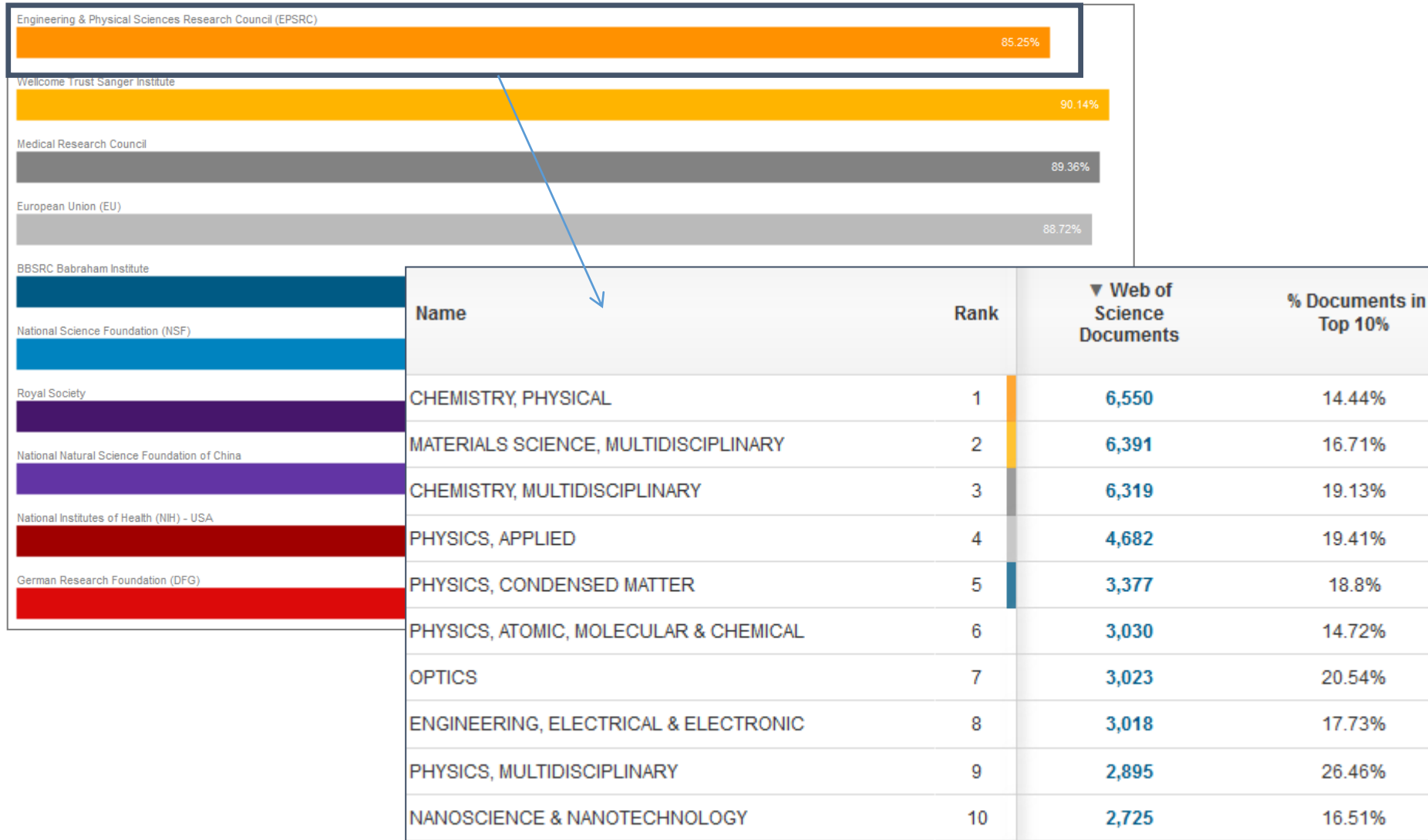
Select report or
create and develop
your own templates

- Research Performance
- Collaborations
- Output
- Citation benchmarks
- Peer Comparisons
- Trends
- Funding
- Journal utility
- News Feeds



NEW in 2016: FUNDING AGENCIES EXPLORER

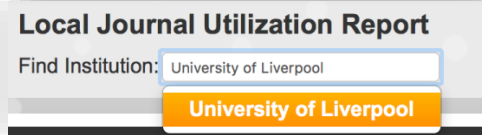
Demonstrate the productivity and impact of programs, by analyzing publications that they have funded or authored



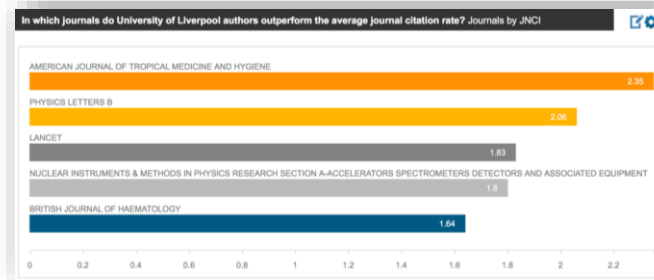
NEW in 2016: Local Journal Utilization Report



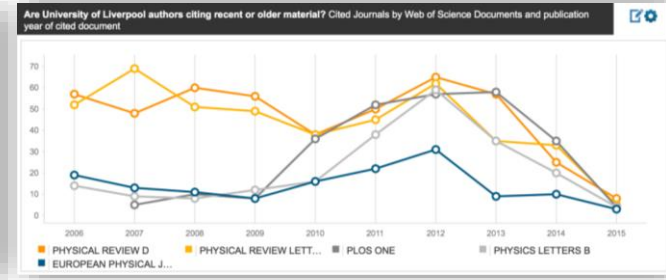
AN INSTITUTION LEVEL ANALYSIS TOOL



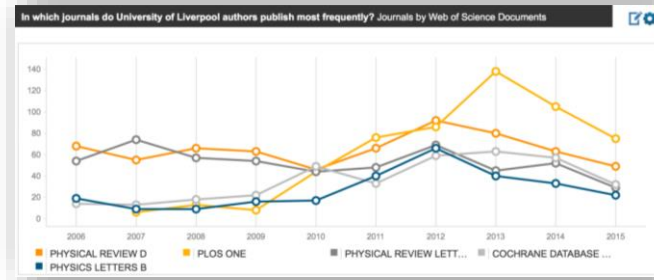
IN WHICH TITLES DO THEY HAVE MOST IMPACT?



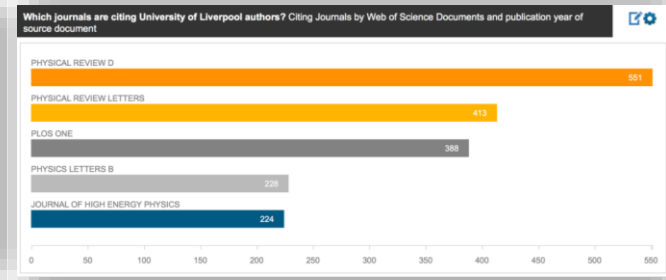
ARE THEY CITING NEW OR OLDER ARTICLES?



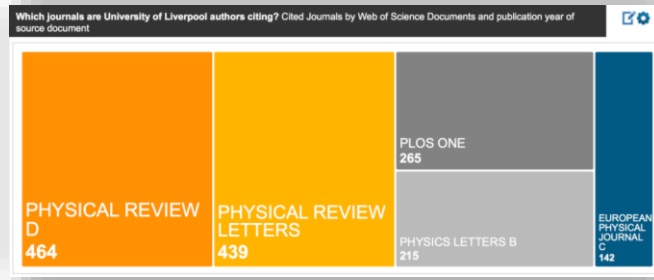
WHERE ARE THE THEIR AUTHORS' PUBLISHING?



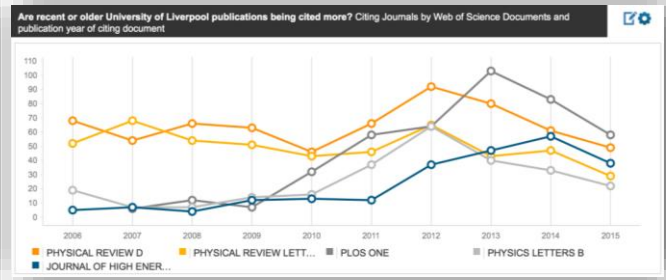
WHICH JOURNALS CITE THEIR AUTHORS?



WHICH JOURNALS DO THEIR AUTHOR'S CITE?

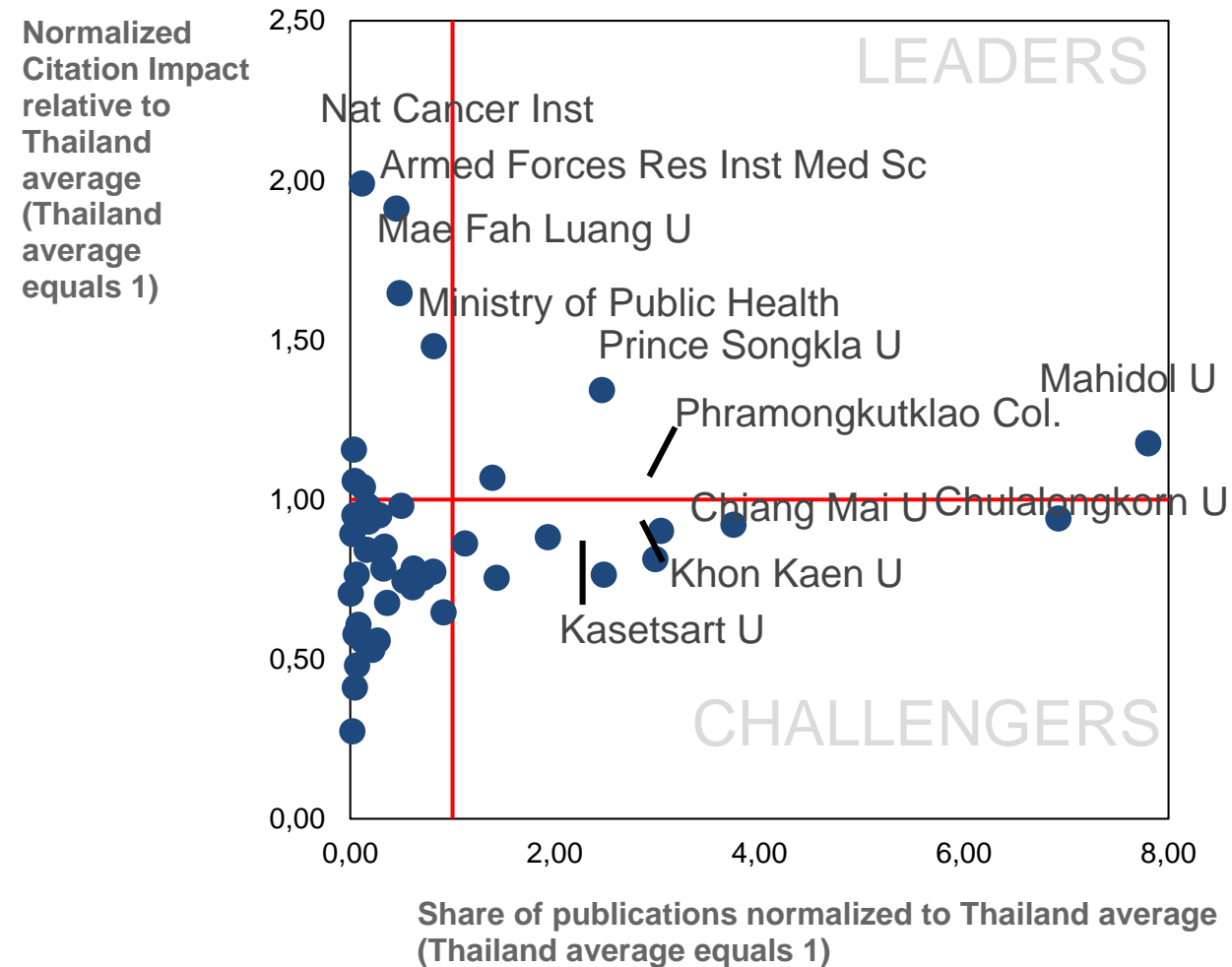


DO THOSE JOURNALS CITE NEW OR OLDER ARTICLES?

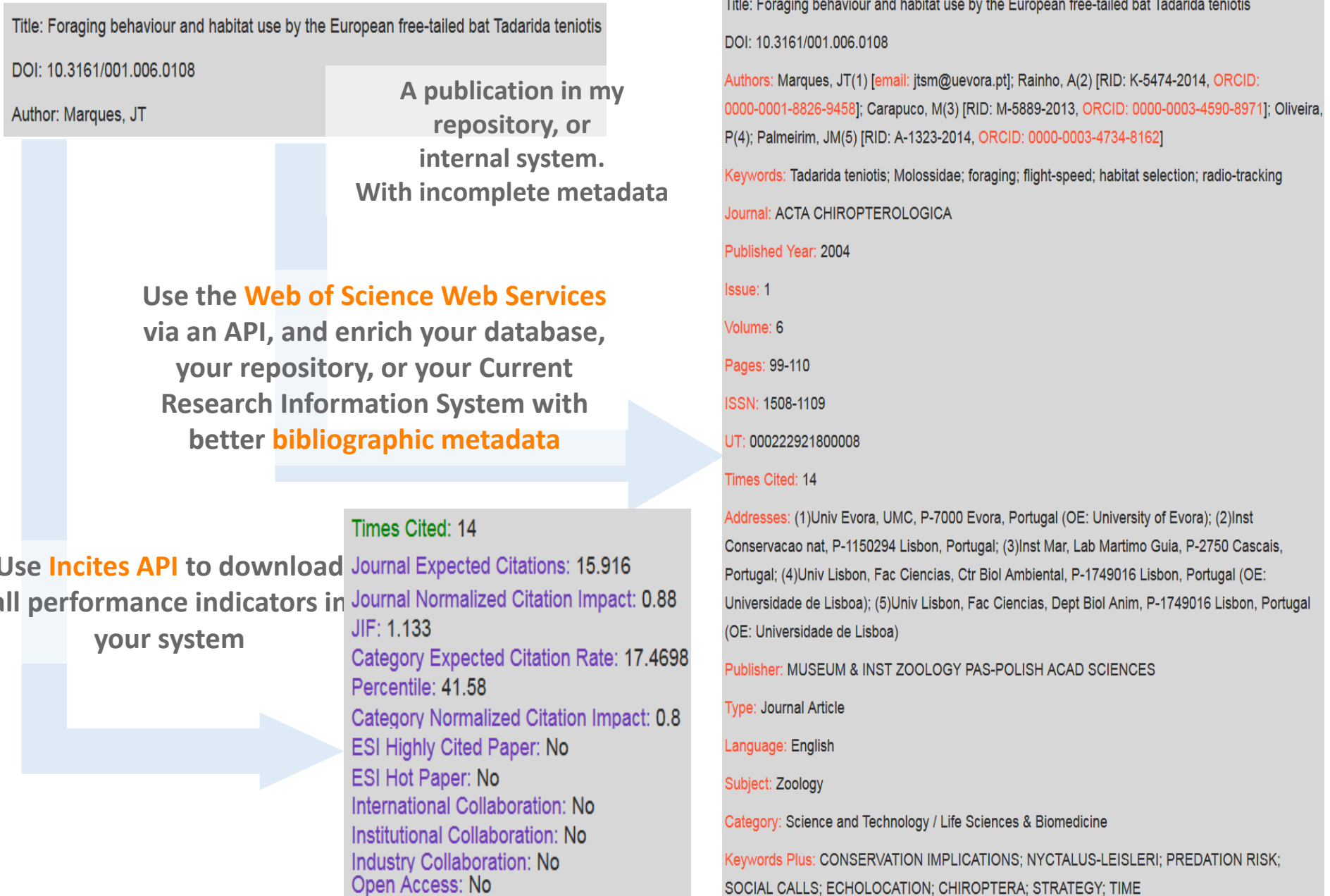


Use Incites exporting capabilities to create your own reports

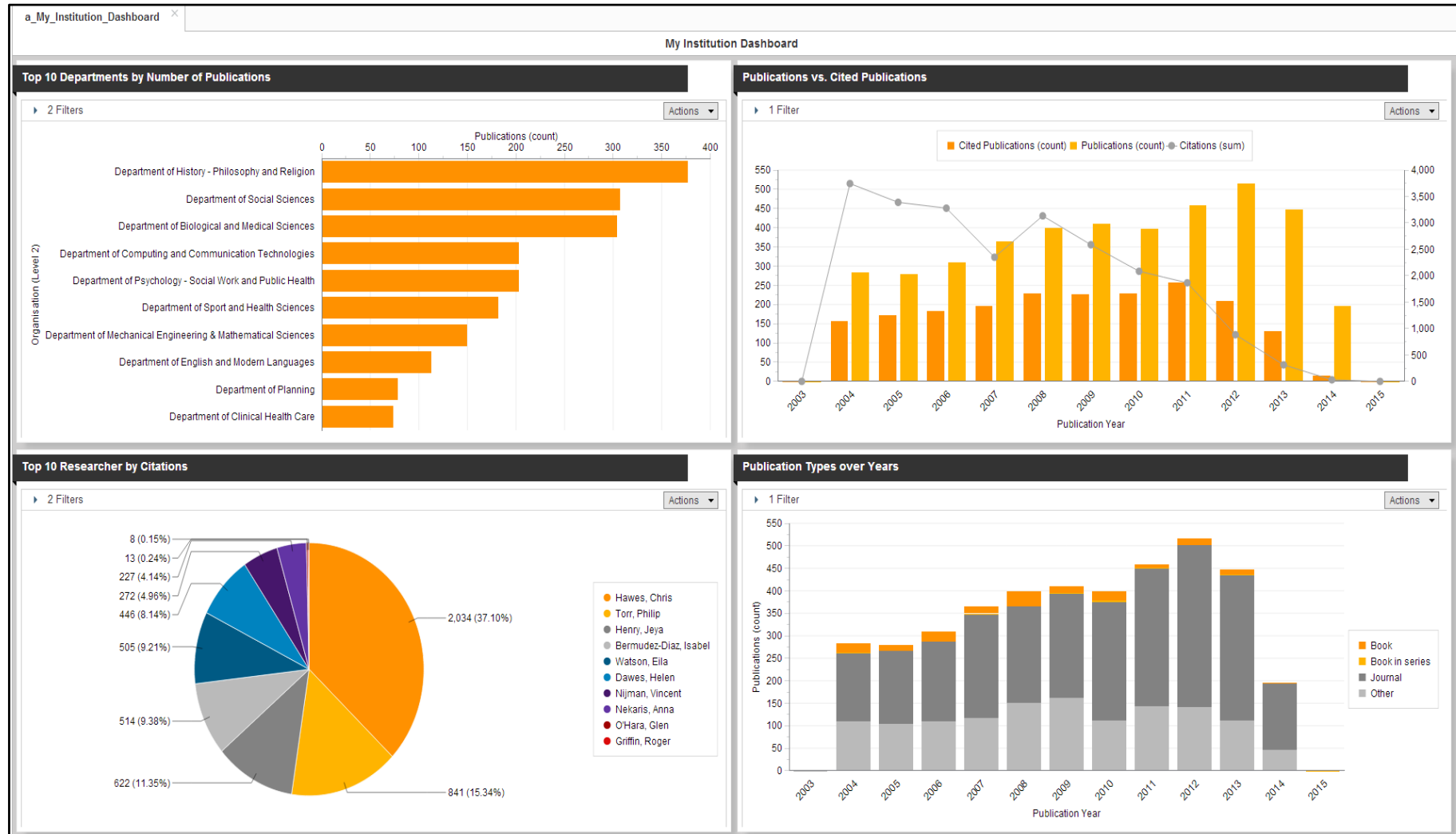
An assessment of Thailand's research institutions, using data exports of Incites:
Identification of Leaders



How do I use this data and metrics in **my own repository/System?**



How do I use this data and metrics in my own repository/System?



Once your internal system has received our **publication metadata**, as well as our **Incites metrics**, you can run **customized analytics** based on your internal structures, departments, people, projects, etc.

What if I do not have a system but would like to get a **more granular and internal view** of my organisation?

Web of Science Profiles



Pre-populated with Web of Science publication data mapped to your institutional hierarchy



Best-in-class research analytics – InCites normalized citation metrics



Validated publication lists will be reflected in Web of Science and InCites



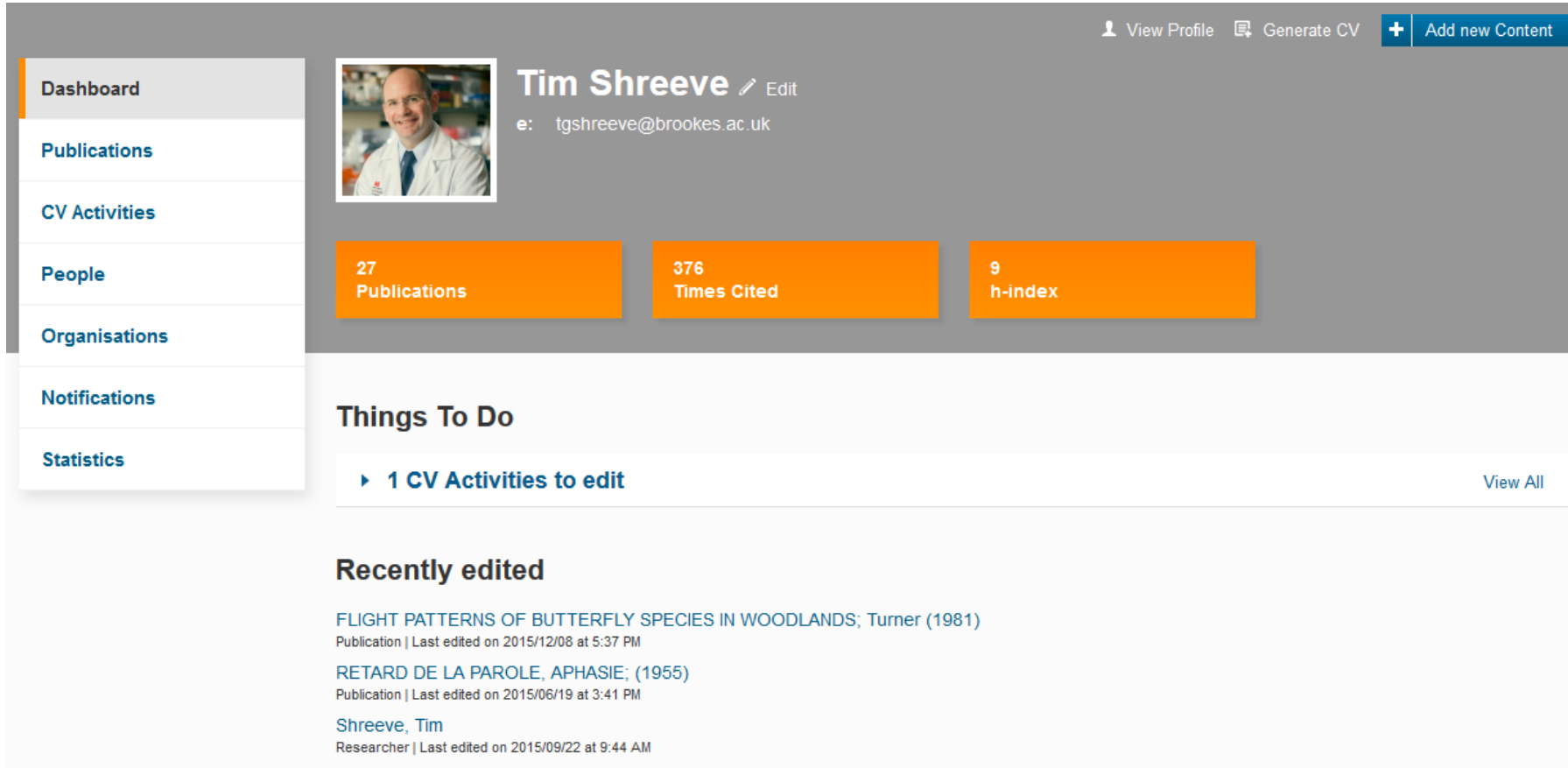
Powerful tools for customized reporting



Cloud-based so scholarly output is centralized and always accessible

What if I do not have a system but would like to get a **more granular and internal view** of my organisation?

Web of Science Profiles



The screenshot shows a user profile for Tim Shreeve. On the left is a vertical navigation menu with links: Dashboard, Publications, CV Activities, People, Organisations, Notifications, and Statistics. The top right of the profile area contains links for 'View Profile', 'Generate CV', and 'Add new Content'. The profile header includes a photo of Tim Shreeve, his name, an 'Edit' link, and his email 'tgshreeve@brookes.ac.uk'. Below the header are three orange boxes displaying statistics: '27 Publications', '376 Times Cited', and '9 h-index'. The main content area is titled 'Things To Do' and includes a link to '1 CV Activities to edit' with a 'View All' link. A 'Recently edited' section lists two publications: 'FLIGHT PATTERNS OF BUTTERFLY SPECIES IN WOODLANDS; Turner (1981)' and 'RETARD DE LA PAROLE, APHASIE; (1955)', each with a 'Last edited' timestamp. Below these is a link to 'Shreeve, Tim' with a 'Last edited' timestamp.

View Profile Generate CV + Add new Content

Tim Shreeve Edit
e: tgshreeve@brookes.ac.uk

27 Publications 376 Times Cited 9 h-index

Things To Do

► 1 CV Activities to edit View All

Recently edited

FLIGHT PATTERNS OF BUTTERFLY SPECIES IN WOODLANDS; Turner (1981)
Publication | Last edited on 2015/12/08 at 5:37 PM

RETARD DE LA PAROLE, APHASIE; (1955)
Publication | Last edited on 2015/06/19 at 3:41 PM

Shreeve, Tim
Researcher | Last edited on 2015/09/22 at 9:44 AM

Researchers profiles can be managed by them and/or admin.
Your whole organisation's structure can be represented.

What if I do not have a system but would like to get a more granular and internal view of my organisation?

Web of Science Profiles

View Profile

Generate CV

+

Add new Content

CV Type:

☒ Europass CV

☐ CASRAI Abridged CV

☐ Standard CV

☐ NIH BioSketch

☐ NSF BioSketch

Work Affiliations:

☒ Shreeve, Tim - Department Medical Sciences

☒ Shreeve, Tim - American Nursing Association

☒ Shreeve, Tim - Virtual Group

Content:

☒ CV Activities


☒ Publications


File Format:

☒ PDF

☐ Microsoft Word / rtf

Cancel


PERSONAL INFORMATION



Shreeve, Tim

OMB No. 0925-0001/0002 (Rev. 08/12 Approved Through 8/31/2015)

BIOGRAPHICAL SKETCH
Provide the following information for the Senior/key personnel and other significant contributors:
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Shreeve, Tim

eRA COMMONS USER NAME (credential, e.g., agency login)

POSITION TITLE:

A. Personal Statement

B. Positions and Honors

Positions and Employment

- Department of Biological and Medical Sciences, Faculty of Health and Life Sciences, Oxford Brookes University, Profile Organisations, Oxford

- Director

- Virtual researcher, Virtual Group, Oxford Brookes University, Profile Organisations

Other Experience and Professional Memberships

2009-2013 Supervised Guillaume Rivalle to make him a genius....and failed.

WORK EXPERIENCE

No date Department of Biological and Medical Sciences

No date Director
American Nursing Association

No date Virtual researcher
Virtual Group

CV's can be generated from profiles in various format

What if I do not have a system but would like to get a **more granular and internal view** of my organisation?

Profiles are pre-populated with publications.

Publications can be auto-suggested, imported via alerts, directly from Web of Science searches or via Endnote file uploads

Select a person
Daves, Helen - Department of Sport and Health Sciences; Agent (Affiliation)

Select Saved Search (optional)
Publication Search

Search publications for
Please search using your alias(es), e.g. Smith J; Smith JD, and/or affiliation.

☒ Web of Science™

☐ Search with ORCID ID of selected person

Daves H in field authors
 in field all
From year 1900 to 2099 Sort by date

Web of Science™ (155)

☐ Publication data

☐ A lens refractometer.
Daves HF
PHYSICAL REVIEW: 354-357, NOV 1915, ID:000201497000004
Affiliation: McMaster Univ
[Link to Web of Science™](#)

☐ Image formation by crystalline media.
Daves HF
PHILOSOPHICAL MAGAZINE: 248-261, JUL-DEC 1916, ID:000202851800030
Affiliation: McMaster Univ
[Link to Web of Science™](#)

Select a person
Brookes, Maureen - Oxford School of Hospitality Management (Affiliation)

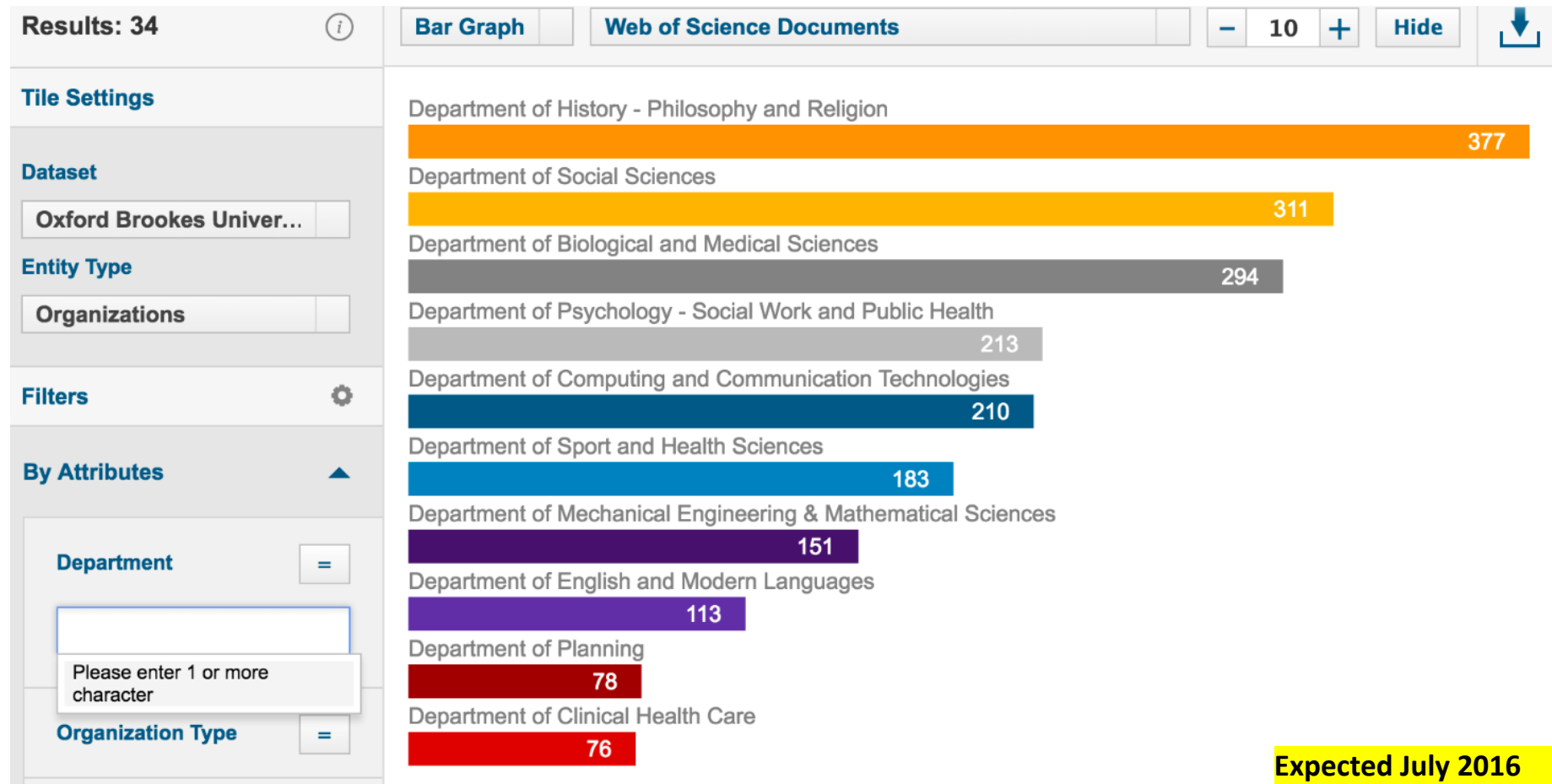
Select Saved Search (optional)
Brookes, Maureen

Search publications for
Please search using your alias(es), e.g. Smith J; Smith JD, and/or affiliation.

☒ Web of Science™

Brookes M in field authors
"oxford brookes" in field affiliation
* From year 2010 * to 2015 Sort by date

WoS Profiles: Get a granular and internal view of your organisation's structure and performance



Analyse your Web of Science profiles data directly in Incites Benchmarks and Analytics. Run analysis on your internally validated publication activities, departments, researchers, etc.

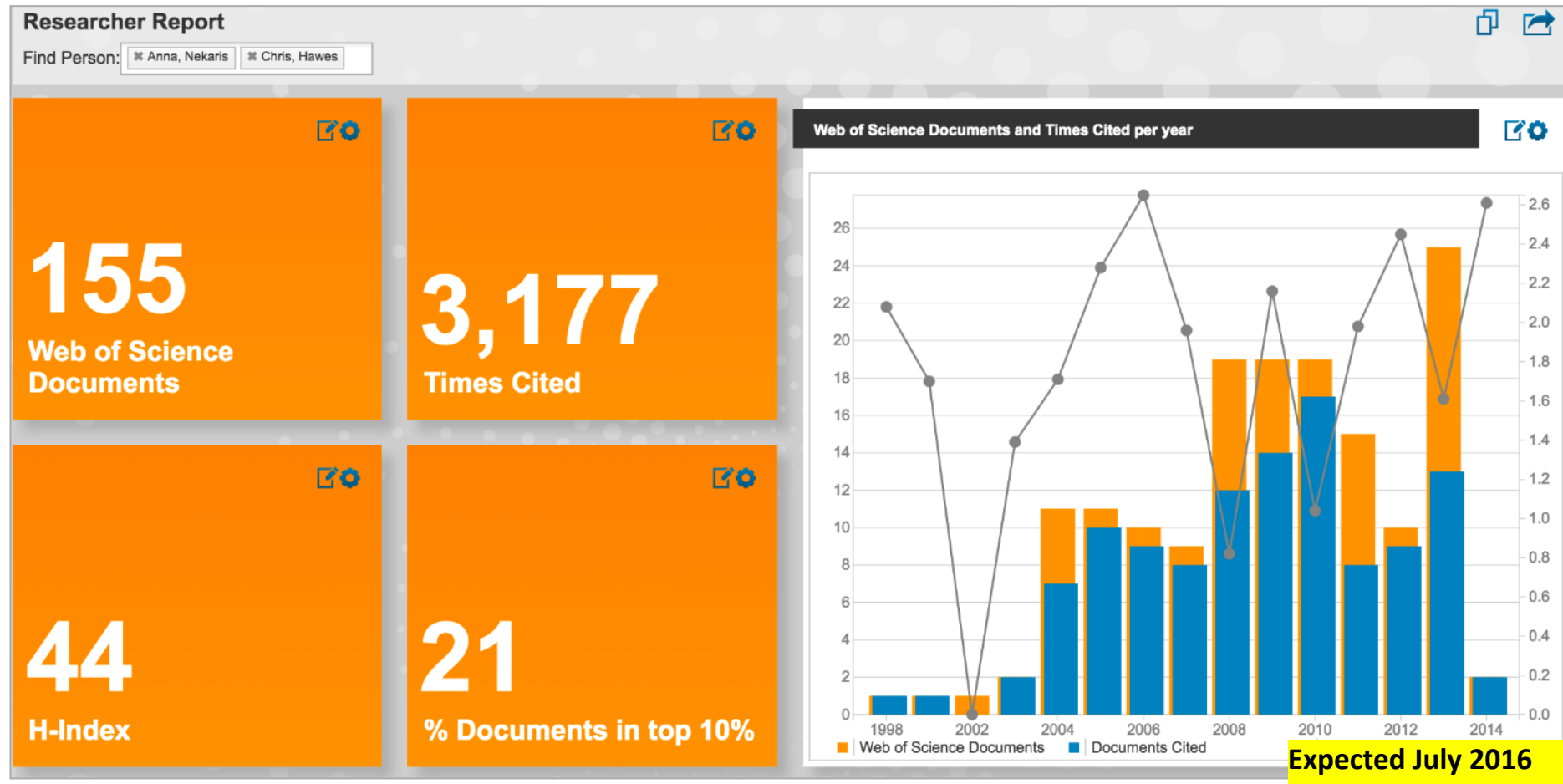
WoS Profiles: Get a granular and internal view of your organisation's structure and performance

Name	Rank	▼ Web of Science Documents	Category Normalized Citation Impact
Department of History - Philosophy and Religion	1	377	1.32
Department of Social Sciences	2	311	1.41
Department of Biological and Medical Sciences	3	294	1.93
Department of Psychology - Social Work and Public Health	4	213	1
Department of Computing and Communication Technologies	5	210	2.53
Department of Sport and Health Sciences	6	183	1.58
Department of Mechanical Engineering & Mathematical Scienc...	7	151	0.68
Department of English and Modern Languages	8	113	0.8
Department of Planning	9	78	1.85
Department of Clinical Health Care	10	76	1.26
School of Architecture	11	62	1.77

Expected July 2016

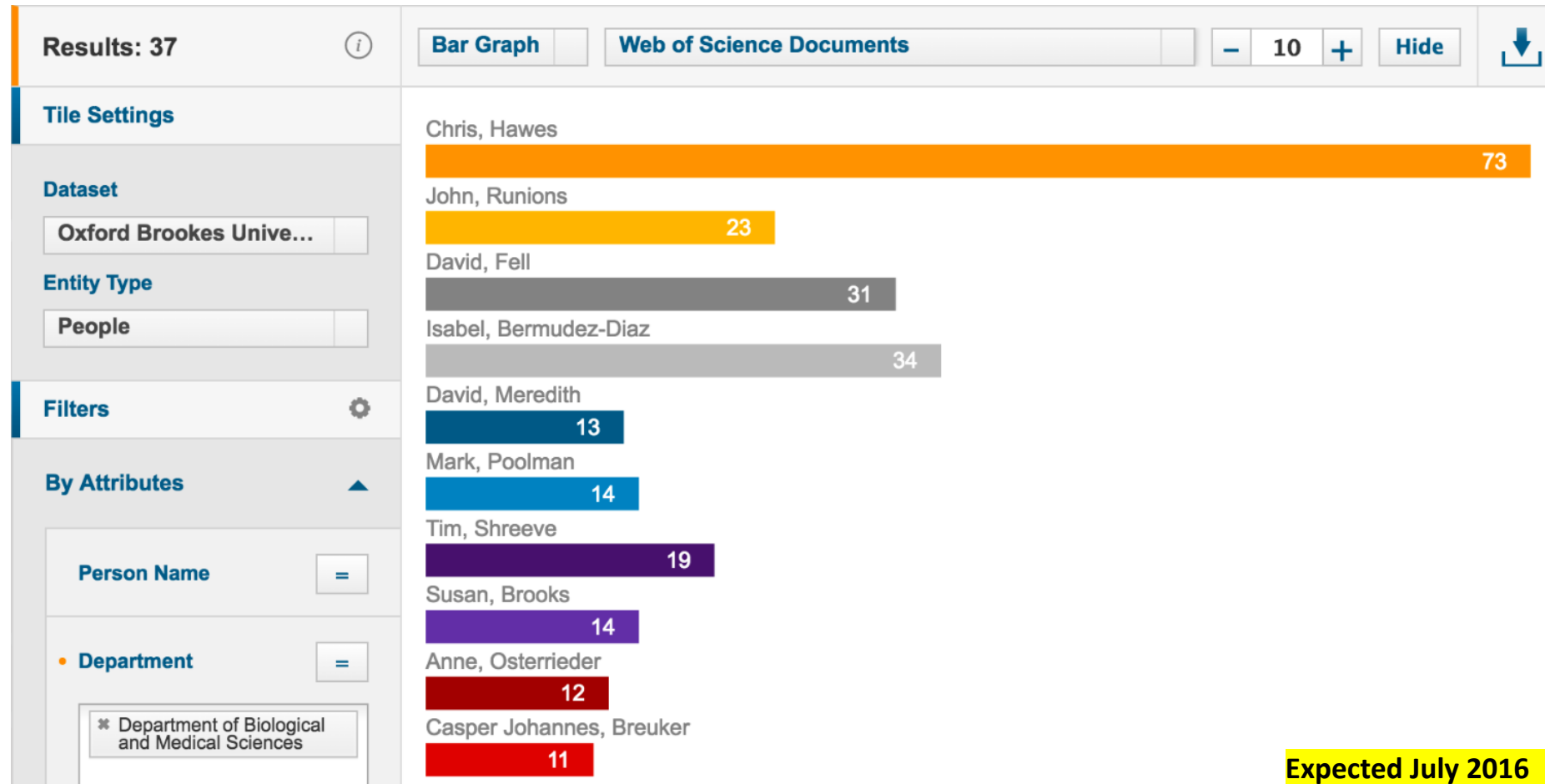
Analyse your Web of Science profiles data directly in Incites Benchmarks and Analytics. Run analysis on your internally validated publication activities, departments, researchers, etc.

WoS Profiles: Get a granular and internal view of your organisation's structure and performance



Analyse your Web of Science profiles data **directly** in Incites Benchmarks and Analytics. Run analysis on your internally validated publication activities, departments, researchers, etc.

WoS Profiles: Get a granular and internal view of your organisation's structure and performance



Analyse your Web of Science profiles data directly in Incites Benchmarks and Analytics. Run analysis on your internally validated publication activities, departments, researchers, etc.

What if I need to go beyond publication management and use a full research management system?

CONVERIS: SUPPORTING THE FULL RESEARCH LIFECYCLE

Evaluation, Analytics & Reporting

- Report at any time over any information
- Optimise: Allocate resources efficient and effective use of available funding



Collecting & Converging Information

- Easy accessibility to all information
- Reuse information
- Reduce administrative burden
- Increase public visibility

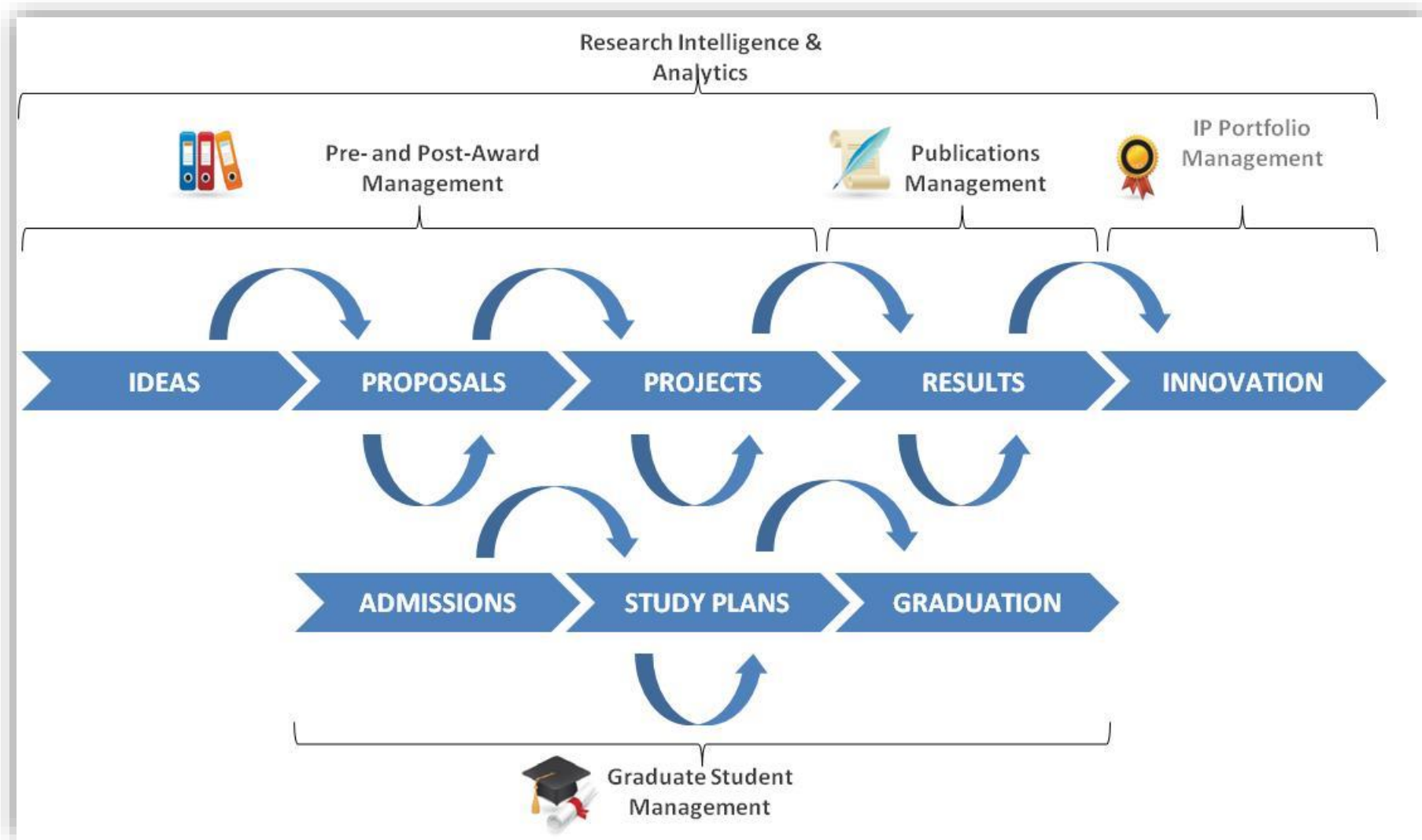
Supporting workflows & processes

- Streamline and unify processes
- Faster and shorter workflows

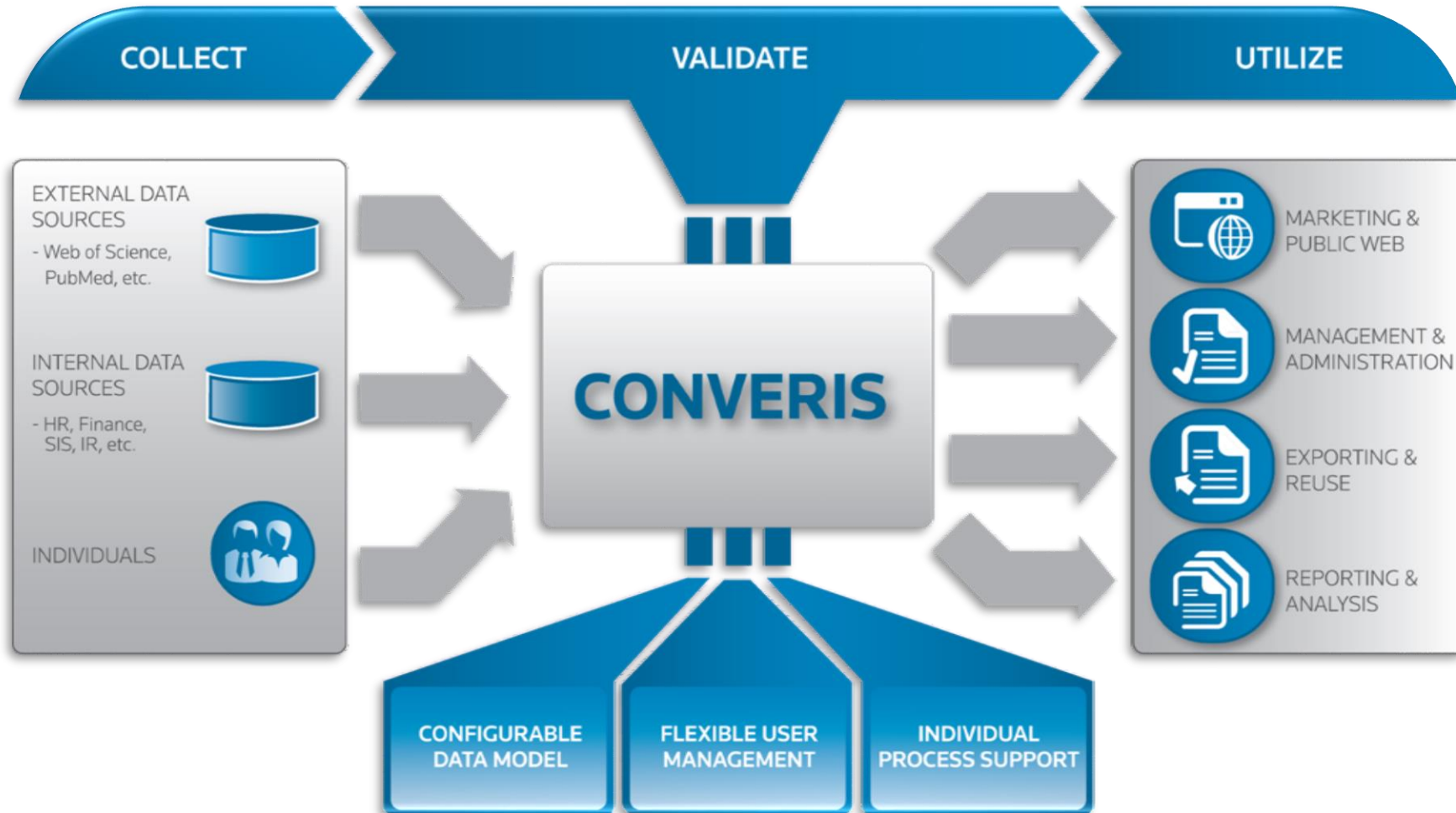
Why CONVERIS?

- **Better management information:** CVs, collaboration analyses, publications & bibliometrics, research projects & applications, data exports, ... for **internal** decision-making **and external** demands.
- **Increased visibility:** Provide **access over the web** to information on the organisation's researchers, units and their research activities and results.
- **Efficiency:** A more efficient, streamlined **administrative process** for managing research information for researchers & administrators.
- **Scalability:** A configuration module enabling the organisation without involvement from TR to ensure that the system can match its **evolving needs over time**.

CONVERIS: MODULAR SOLUTION SUPPORTING THE FULL RESEARCH WORKFLOW



CONVERIS: AN OPEN SOLUTION



CONVERIS: CONFIGURATION MODULE. POWER TO THE USER



CENTRALIZE RESEARCH INFORMATION AT ALL LEVELS

Projects > World economic forum on climate cha ...

[Dashboard](#)[Publication Management](#)[Award Management](#)[Project Ideas](#)[Project Applications](#)[Projects](#)[Funding Opportunities](#)[Ethics Reviews](#)[Tasks](#)[Graduate Management](#)

World economic forum on climate change contracts; Asser, Tobias - Department of International Law

Publicly visible Internally visible Live ... Admin Info ▾

Key Information *

Project Members *

Funding *

More ▾

Project Details

Type of award *

Travel/Conference support ▾

Title *

English (GB) *

German

French

English (US)

World economic forum on climate change contracts

Budget Details

Applications & Context *

Activity Plan

Documents *

Research Output

EXAMPLE OF DATA IMPORT TO HIGHLIGHT CO

Populating list and edit view of publication with information from other systems in use (Almetrics)

The image displays a screenshot of a 'Research Outputs' management interface. On the left, a sidebar contains a navigation menu with options: Dashboard, Scholarship, Research Outputs, Journals, Citations, Grants and Projects, Intellectual Property, Activities, People, Organizations, Classifications, and Notifications. The 'Research Outputs' section is active, showing a list of publications. The main content area is titled 'Research Outputs (1379)' and includes a toolbar with icons for Filter, Export, Report, Status, Visibility, Deduplicate, and Delete. Below the toolbar, there is a 'Select / Deselect all' button and a dropdown menu for 'Date Updated (Descending)'. The list of publications includes two entries: '365 DAYS: 2011 in review' by Van Noorden R (2011) and 'Safety and efficacy of a pentavalent human-bovine (WC3) reassortant rotavirus vaccine' by Vesikari T, Matson DO, Dennehy P, et al. (2006). The second entry is highlighted, showing its details: 'New England Journal of Medicine', Volume number: 354, Issue number: 1 (Pages: 23-33), Journal article, View additional information: View in Web of Science | View in VIVO, Times Cited: 901, Percentile: 0.23, and Altmetric score: .25 | More at Almetric.com. A detailed view of the '365 DAYS: 2011 in review' publication is shown on the right, displaying its output type, author list, publication year, pages, and additional information. The interface also includes a 'Dashboard > Research Outputs > Browse' breadcrumb and a sidebar with a navigation menu for the detailed view.

Dashboard

Scholarship

Research Outputs

Journals

Citations

Grants and Projects

Intellectual Property

Activities

People

Organizations

Classifications

Notifications

Research Outputs (1379)

Filter Export Report Status Visibility Deduplicate Delete

Select / Deselect all Date Updated (Descending)

365 DAYS: 2011 in review
Van Noorden R (2011)
View additional information: [View in Web of Science](#) | [View in VIVO](#)

1784
More at Almetric.com
Edit Delete

Safety and efficacy of a pentavalent human-bovine (WC3) reassortant rotavirus vaccine
Vesikari T, Matson DO, Dennehy P, et al. (2006)
New England Journal of Medicine
Volume number: 354, Issue number: 1 (Pages: 23-33)
Journal article
View additional information: [View in Web of Science](#) | [View in VIVO](#)
(Times Cited: 901, Percentile: 0.23)
Altmetric score: .25 | More at Almetric.com
Edit Delete

Dashboard > Research Outputs > Browse

Dashboard

Scholarship

Research Outputs

Journals

Citations

Grants and Projects

Intellectual Property

Activities

People

Organizations

Classifications

Notifications

Statistics

Admin settings

365 DAYS: 2011 in review

Output type: Other
Author list: Van Noorden R
Publication year: 2011
Pages: 426-429
View additional information: [View in Web of Science](#)
[View on Publisher's Site](#)
[View in VIVO](#)

Authors/Editors
Fermi, Enrico

Journal
Volume number: 480
Issue number: 7378
ISSN: 0028-0836
Publisher: NATURE PUBLISHING GROUP

Web of Science Subject Categories
MULTIDISCIPLINARY SCIENCES

Altmetric Data
1784
More at Almetric.com

EXAMPLE OF DATA EXPORT. CONVERIS & VIVO

The **Research Portal** module of Converis already allows for the public showcase of your institution's research activities and people.



The screenshot displays a VIVO profile for Milton Friedman, a Faculty Member. The profile includes a black and white portrait of Friedman. To the right of the portrait, it lists his positions: Dean, Department of Economics, School of Business. Below the portrait, contact information is provided: an email address mfriedman@converis.edu and a QR code. On the right side of the profile, there is a section titled 'Publications in VIVO' featuring a line graph showing 11 publications in the last 10 full years. Below this, there are links for 'Co-author Network' and 'Map of Science'. At the bottom of the profile, there are tabs for 'Publications', 'Contact', and 'View All'. The 'Publications' tab is active, showing a list of selected publications. The first publication is an abstract titled 'Analysis of enzyme and solvent dynamics of Candida antarctica lipase B in non-aqueous solvents using molecular dynamics simulations' from 2014. The second publication is an academic article titled 'Mobile-to-Mobile Channel Measurements at 1.85 GHz in Suburban Environments' from 2015. The third publication is 'Creep and Inverse Stress Relaxation Behaviors of Carbon Nanotube Yarns' from 2013.

VIVO connect • share • discover

Search

Home | People | Organizations | Research | Events

Friedman, Milton | Faculty Member

Positions

► Dean, [Department of Economics](#), [School of Business](#)

Publications in VIVO

11 in the last 10 full years [i](#)

[Co-author Network](#)

[Map of Science](#)

Contact Info [QR](#)

[mfriedman@converis.edu](#)

Publications | Contact | View All

selected publications

abstract

[Analysis of enzyme and solvent dynamics of Candida antarctica lipase B in non-aqueous solvents using molecular dynamics simulations](#) 2014

academic article

[Mobile-to-Mobile Channel Measurements at 1.85 GHz in Suburban Environments](#) 2015

[Creep and Inverse Stress Relaxation Behaviors of Carbon Nanotube Yarns](#) 2013

Through configuration of the Data export, you can also populate VIVO profiles with Converis information. Supports search, browse, and data visualization.

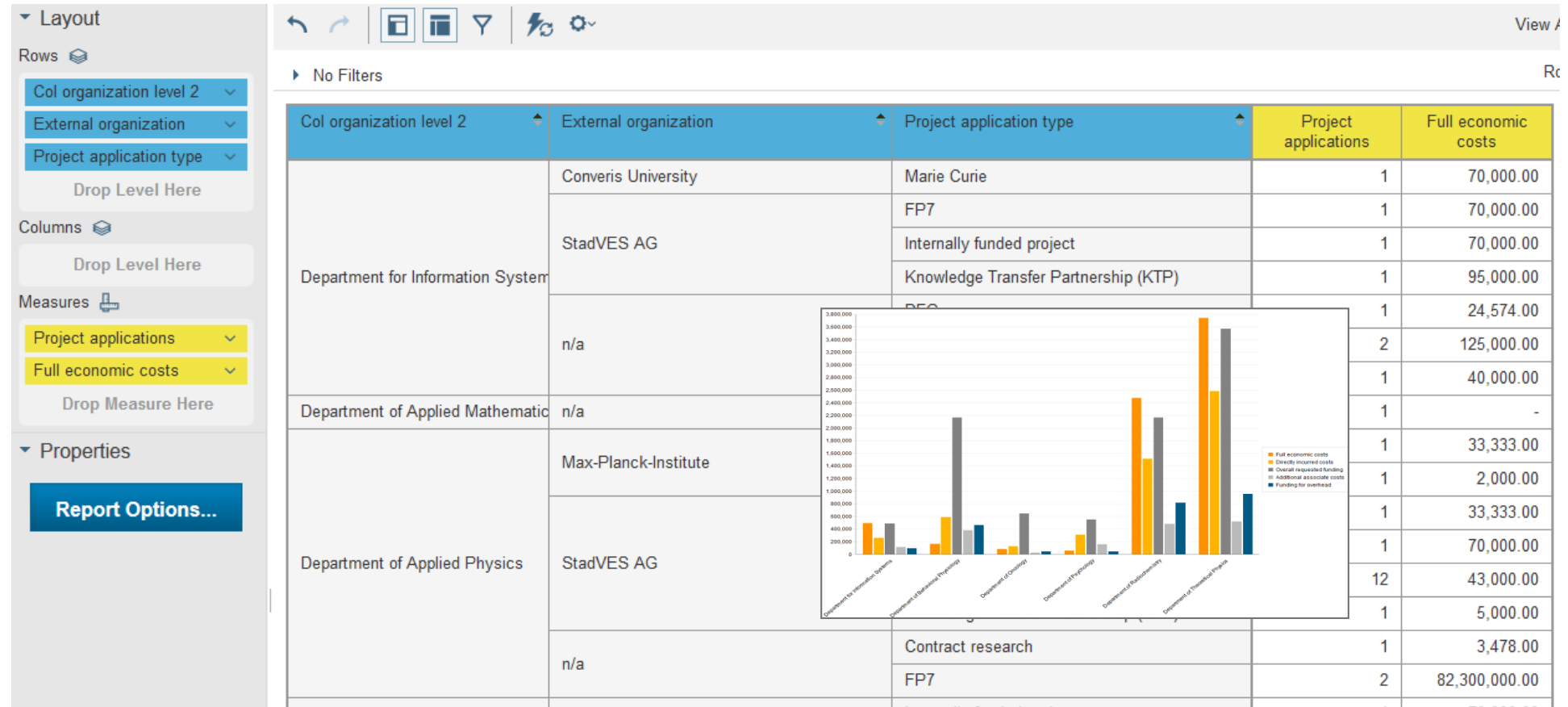
ADVANCED ANALYTICS FOR FLEXIBLE AND POWERFUL REPORTING

The screenshot displays a reporting tool interface. On the left, a sidebar titled 'Available fields (22) for: Publication Analysis' lists various fields. An orange arrow points from 'Citations (sum)' in the Measures list to the 'Columns' section of the layout. A blue arrow points from 'Author Name' in the Level (Names, Categories, etc.) list to the 'Columns' section. The layout panel shows 'Rows' with 'Organisation (Level 2)' and 'Author Name', and 'Columns' with 'Citations (sum)', 'Cited Publications (count)', and 'Publications (count)'. The main area shows a data table with 2 filters applied.

Organisation (Level 2)	Author Name	Citations (sum)	Cited Publications (count)	Publications (count)
Department of Accounting - Finance	Spira, Laura	47	3	3
	Browning, Gary	10	1	8
	Kilmister, Andy	10	1	8
Department of Biological and Medic	Hawes, Chris	1750	49	56
	Runions, John	648	19	19
Department of Business and Manag	Bermudez-Diaz, Isabel	443	18	20
	O'Donovan, Berry	109	6	6
	Price, Bob	104	6	8
Department of Clinical Health Care	Handley, Karen	94	7	9
	Watson, Eila	183	20	23
	Boulton, Mary	112	9	12
Department of Computing and Com	Taylor, Bridget	29	3	4
	Torr, Philip	680	31	34
	Martin, Clare	38	4	5
Department of English and Modern	Duce, David	35	8	8
	Hill, Irene	52	6	7
	Aubert, Nathalie	1	1	17
Department of History - Philosophy	Goody, Alex	1	1	4
	Crook, Tom	15	5	5
	Bailey, Joanne	12	4	7
Department of Marketing	Digby, Anne	12	5	8
	Clarke, Jackie	77	4	6
	Ekinci, Yuksel	67	6	8
	Williams, Lindsay	23	2	2

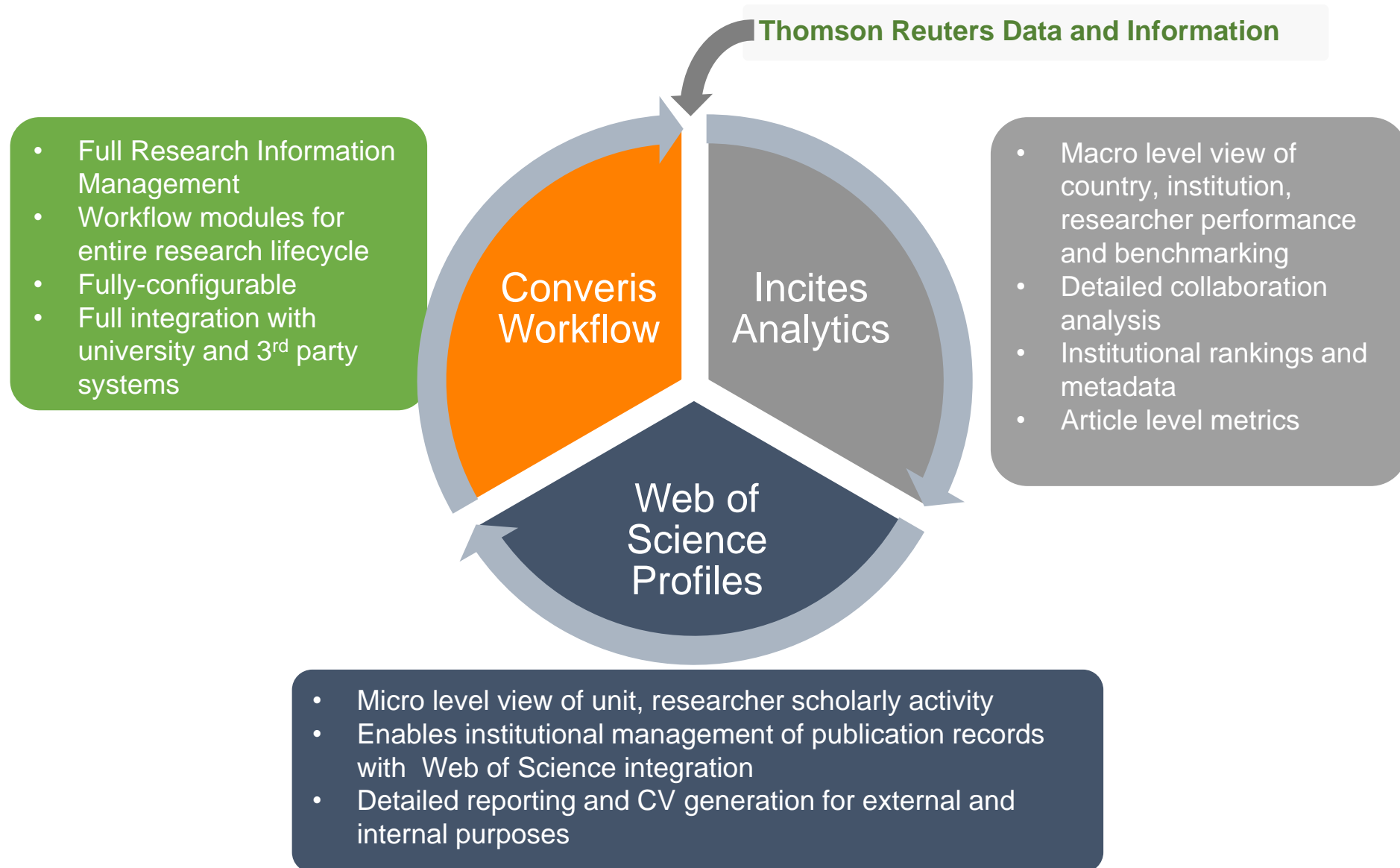
Create your own “drag and drop” reports on any data in the system.

ADVANCED ANALYTICS FOR FLEXIBLE AND POWERFUL REPORTING



Create your own “drag and drop” reports on any data in the system.

THOMSON REUTERS RESEARCH MANAGEMENT SOLUTIONS



THANK YOU

Dr Guillaume Rivalle
June 2016
Guillaume.rivalle@tr.com



THOMSON REUTERS™