

11.15 - 12.30

Ranking Impact

Wilfred Mijnhardt (chair) – Erasmus University Rotterdam

Miłosz Rojek – Ministry of Science and Higher Education Poland

Laura Tucker – Vertigo Ventures

Impact of Science

4-6 November, Krakow

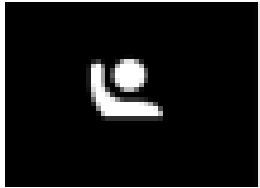
Ranking Impact



Brama Floriańska room

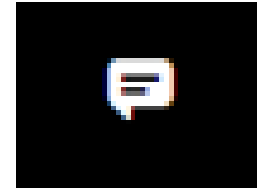
Impact of Science

4-6 November, Krakow



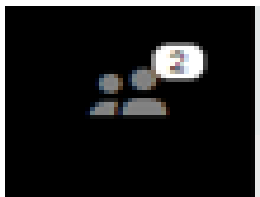
Broadcast permission:

- Turn on your microphone and/or camera
- Participate in the discussion



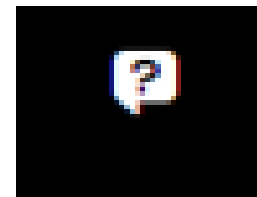
Conversations:

- General remarks
- Discussion
- News (links)



Who are the attendees?

- Speakers
- Participants



Q&A:

- (Targeted) questions
- Speakers answer the questions live



Lay out view:

Full screen, Tiled, Thumbnail

Ranking Impact

Importance of data evaluation and ranking to determine next steps in enhancing impact

Speakers



Miłosz Rojek

Miłosz Rojek holds PhD in economics from the Warsaw School of Economics. He is Head of Analyses and Strategy Unit at the Ministry of Science and Higher Education of the Republic of Poland. As the Education Department Director at the Polish Financial Supervision Authority he was responsible for the projects devoted to strengthening financial literacy and disseminating supervisory practices and arrangements among financial sector stakeholders (2009-2011). In 2012 he became Secretary of the Regulatory Impact Assessment Team at the Ministry of Justice where he worked on regulations affecting the business environment (i.a. deregulation of professions, one-stop shop for business registration). In 2016 he joined the Ministry of Science and Higher Education as a Counsellor to the Minister. He has been working of designing and implementation of the comprehensive reform of the science and higher education system, including the new model of the research quality assessment.



Laura Tucker

As Founder and CEO of Vertigo Ventures (VV), Laura Tucker leads the strategy and growth of the company. Laura founded VV in 2009 and led the development of the company's flagship product, VV-Impact Tracker, which is now used by leading international research institutions globally, to identify, measure and report the impact of their research. Laura regularly contributes to the global impact agenda through co-writing official impact papers and speaking at conferences worldwide. For example, previously, UK's HEFCE commissioned VV to publish a 'Collecting Impact Evidence' best practice guide, and in 2018, Laura has presented at the EARMA and NCURA conferences in Brussels and Washington respectively, as well as at Times Higher Education (THE) Summits around the world.



Wilfred Mijnhardt

Wilfred Mijnhardt is Policy Director at Rotterdam School of Management, Erasmus University. Wilfred brings 25 years of experience in research policy development and institutional advancement. He is passionate for universities, business schools, responsible research, excellence and impact. In his current role, his energy focusses on the strategic transition of RSM and EUR towards an impact driven mind-set. Internationally he is an active member in networks like RRBM, AACSB, EFMD, PRME and EUA. Mr. Mijnhardt holds a bachelor degree in Economics, a master's degree in Public Administration and a postgraduate diploma in Management of Change. He is as presenter at conferences and participates in the annual joint Development Programme for Directors of Research, a joint initiative between the Chartered Association of Business Schools (Chartered ABS) and the British Academy of Management (BAM).

Agenda for this session

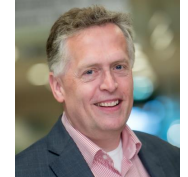
1: Polish research assessment user-case introduction & impact challenges

Q&A on case study



2: Ranking intelligence developments and how smart tech is helping us, illustration RSM SDG mapper business and management field

Q&A on RI landscape



3: Solution on large scale RA support through global platforms: the VV IT portal

Q&A on the portal solution



4: Eye on the future of RA with smart RI, (all speakers)

5: Conclusions

1

Polish research assessment user-case introduction & impact challenges

Q&A on case study

Miłosz Rojek

Ministry of Science and Higher Education of the Republic of Poland

2

Ranking intelligence developments and how smart tech is helping us.

Illustration: RSM SDG mapper for top business schools

Q&A on RI landscape

Wilfred Mijnhardt

Rotterdam School of Management, Erasmus University

Ranking Impact Intelligence developments

Portfolio thinking on university rankings

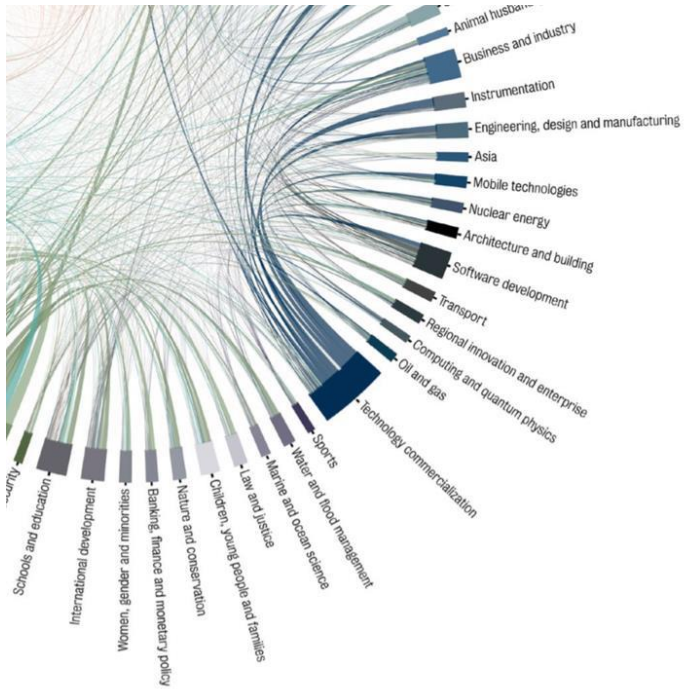
1. Topics modelling: value of subject rankings
2. Benchmarking: compare with average performance of groups, regions, alliances
3. Design of holistic composite variables
4. Stakeholder Schemata: Smart SDG mapping (case top business schools)

Development 1: Topics modeling, Subject rankings & Benchmarking

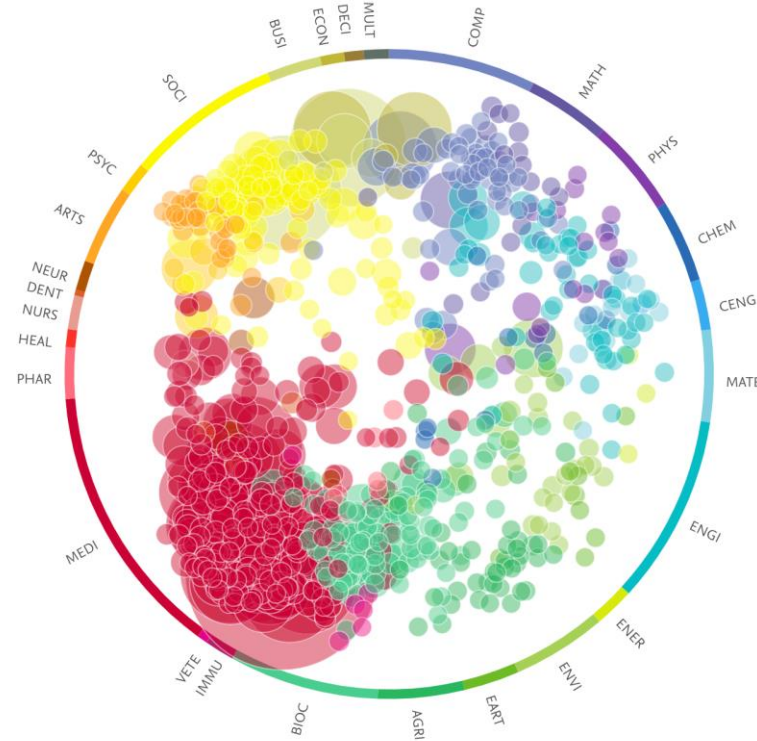
Topics & Subject mapping is a trend

Both supply side ((research intell) driven (Clarivate/Elsevier) as demand side driven (stakeholders)

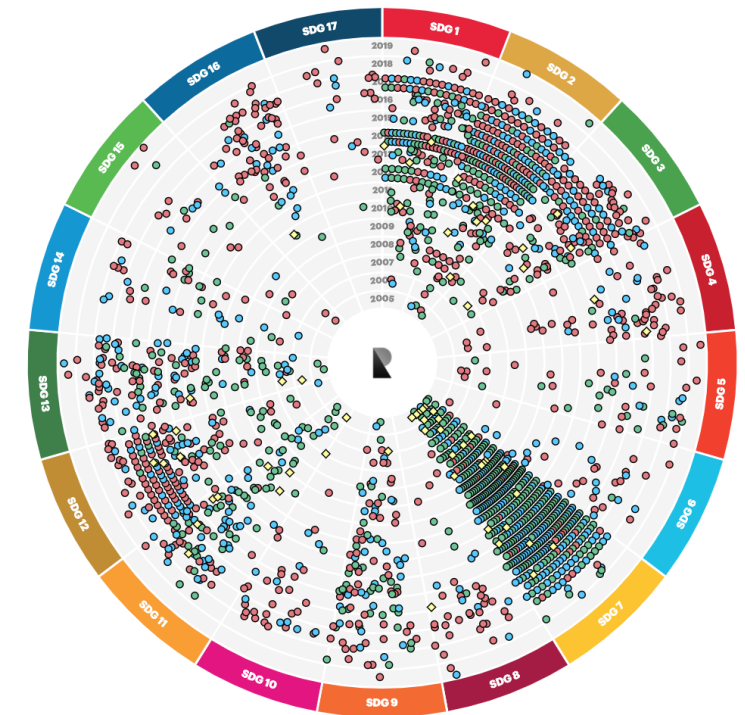
Clarivate: Impact Topics



Elsevier: SCIVAL Topics & Topic Clusters



Stakeholder Schemata: Example: UN SDG's



ARWU Subject categories overview

54 subjects

Clinical Medicine and Pharmacy

- Clinical Medicine
- Dentistry
- Medical Technology
- Nursing
- Pharmacy & Pharmaceutical Sciences
- Public Health

Engineering Technology and Computer Sciences

- Aerospace Engineering
- Automation & Control
- Biomedical Engineering
- Biotechnology
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering

- Electrical & Electronic Engineering
- Energy Science & Engineering
- Environmental Science & Engineering
- Food Science & Technology
- Instruments Science & Technology
- Marine/Ocean Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Metallurgical Engineering
- Mining & Mineral Engineering
- Nanoscience & Nanotechnology
- Remote Sensing
- Telecommunication Engineering
- Transportation Science & Technology
- Water Resources

Life and Agriculture Sciences

- Agricultural Sciences
- Biological Sciences
- Human Biological Sciences
- Veterinary Sciences

Natural Sciences and Mathematics

- Atmospheric science
- Chemistry
- Earth Sciences
- Ecology
- Geography
- Mathematics
- Oceanography
- Physics

Social Science

- Business and Management Studies
- Communication
- Economics
- Education
- Finance
- Hospitality & Tourism Management
- Law
- Library & Information Science
- Management
- Political Sciences
- Psychology
- Public Administration
- Sociology
- Statistics

QS Subject categories overview

48 subjects

Arts & Humanities

- Archaeology
- Architecture / Built Environment
- Art & Design
- Classics & Ancient History
- English Language & Literature
- History
- Linguistics
- Modern Languages
- Performing Arts
- Philosophy
- Theology, Divinity & Religious Studies

Engineering & Technology

- Computer Science & Information Systems
- Engineering - Chemical
- Engineering - Civil & Structural

- Engineering - Electrical & Electronic
- Engineering - Mechanical, Aeronautical & Manufacturing
- Engineering - Mineral & Mining

Life Sciences & Medicine

- Agriculture & Forestry
- Anatomy & Physiology
- Biological Sciences
- Dentistry
- Medicine
- Nursing
- Pharmacy & Pharmacology
- Psychology
- Veterinary Science

Natural Sciences

- Chemistry
- Earth & Marine Sciences
- Environmental Sciences
- Geography
- Materials Science
- Mathematics
- Physics & Astronomy

Social Sciences & Management

- Accounting & Finance
- Anthropology
- Business & Management Studies
- Communication & Media Studies
- Development Studies
- Economics & Econometrics
- Education
- Hospitality & Leisure Management

- Law
- Library & Information Management
- Politics & International Studies
- Social Policy & Administration
- Sociology
- Sports-related Subjects
- Statistics & Operational Research

Erasmus University Subjects portfolio



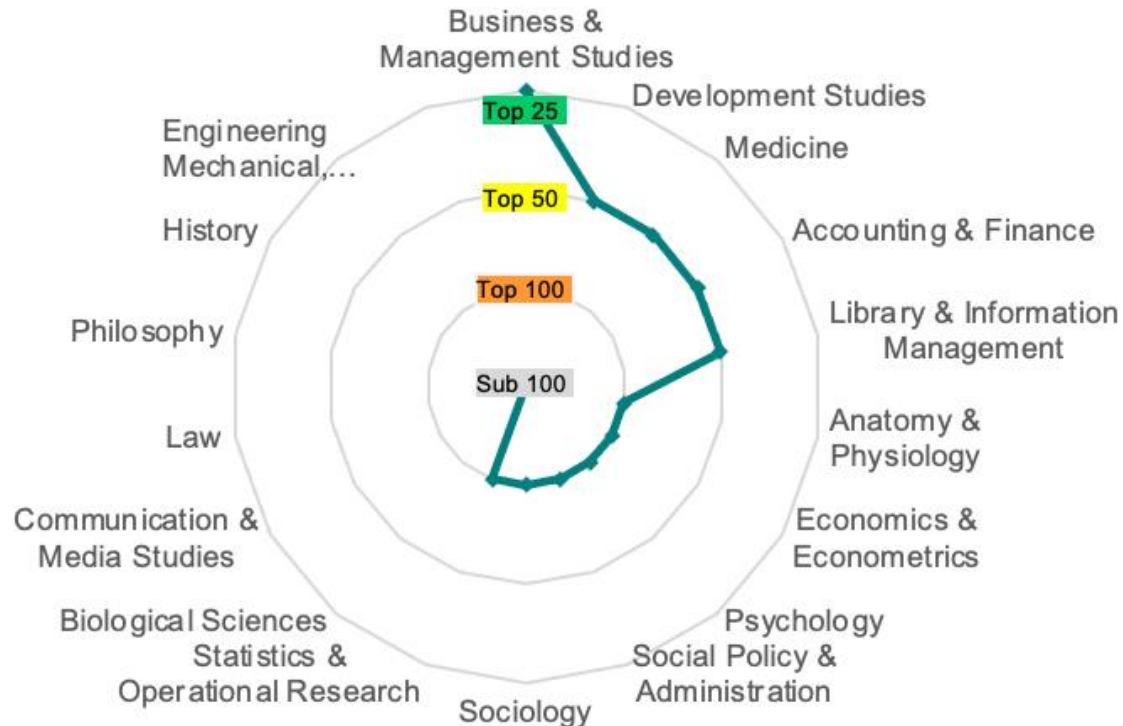
QS world rank 2021

Erasmus : 197

Total subjects in ranking: 51

Subjects ranked for EUR: 17

QS - Subject Ranking 2020



ARWU world rank 2020

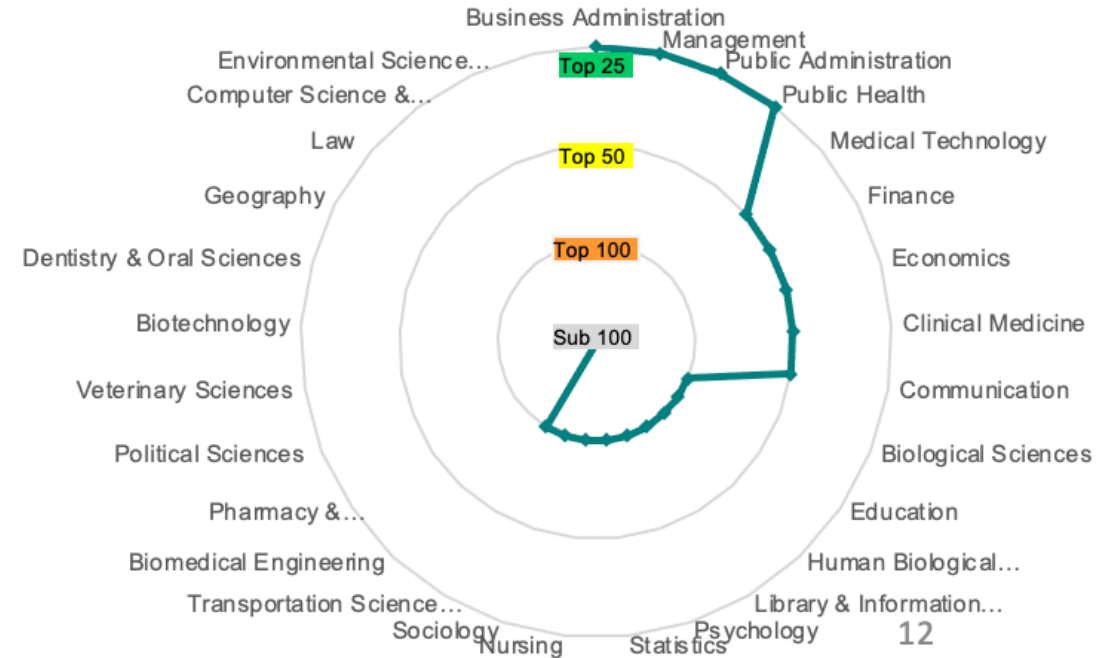
Erasmus : 80

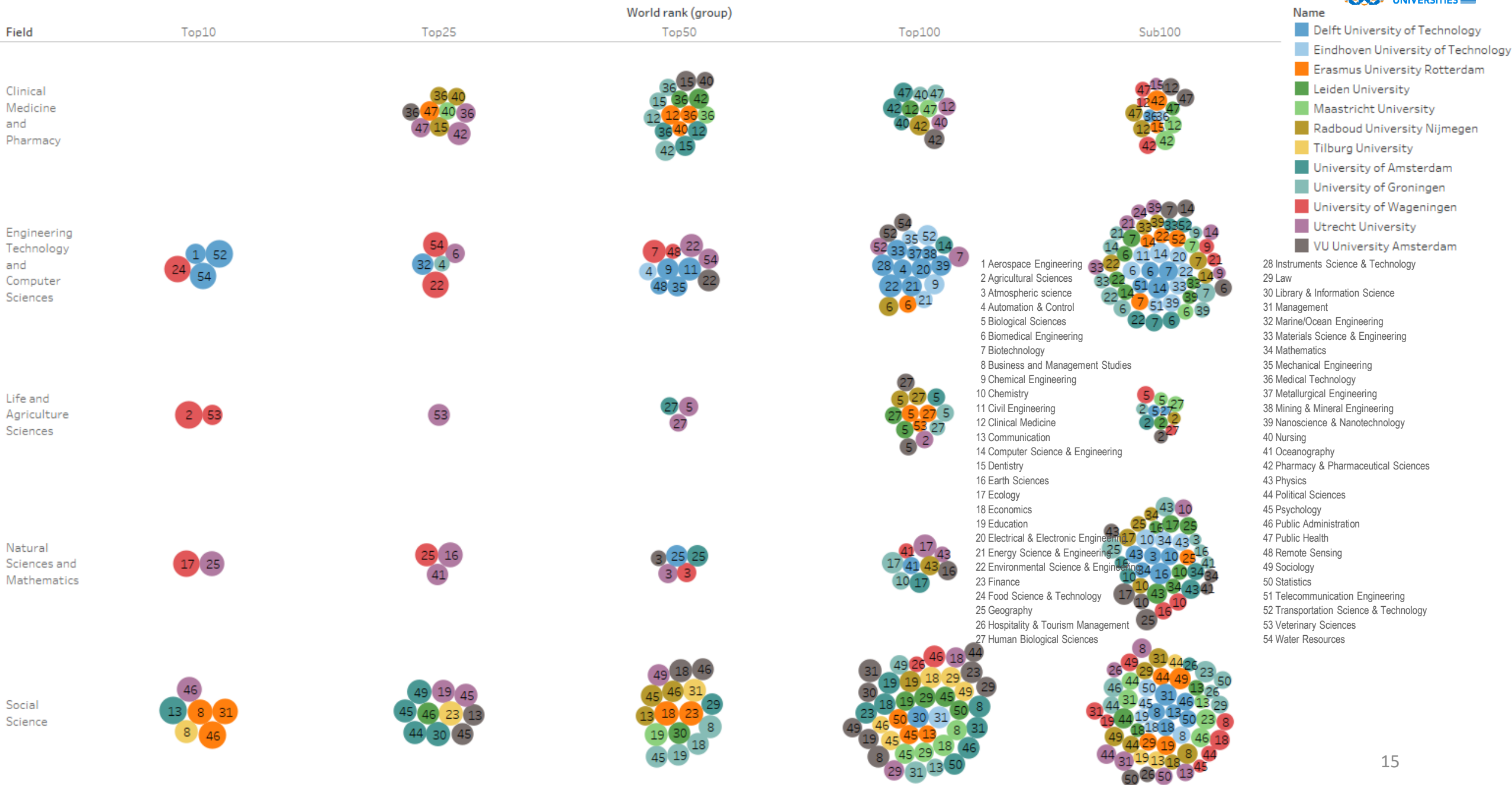
Total subjects in ranking: 54

Subjects ranked for EUR: 28

Coverage subjects in Top25 world rank: 4/54

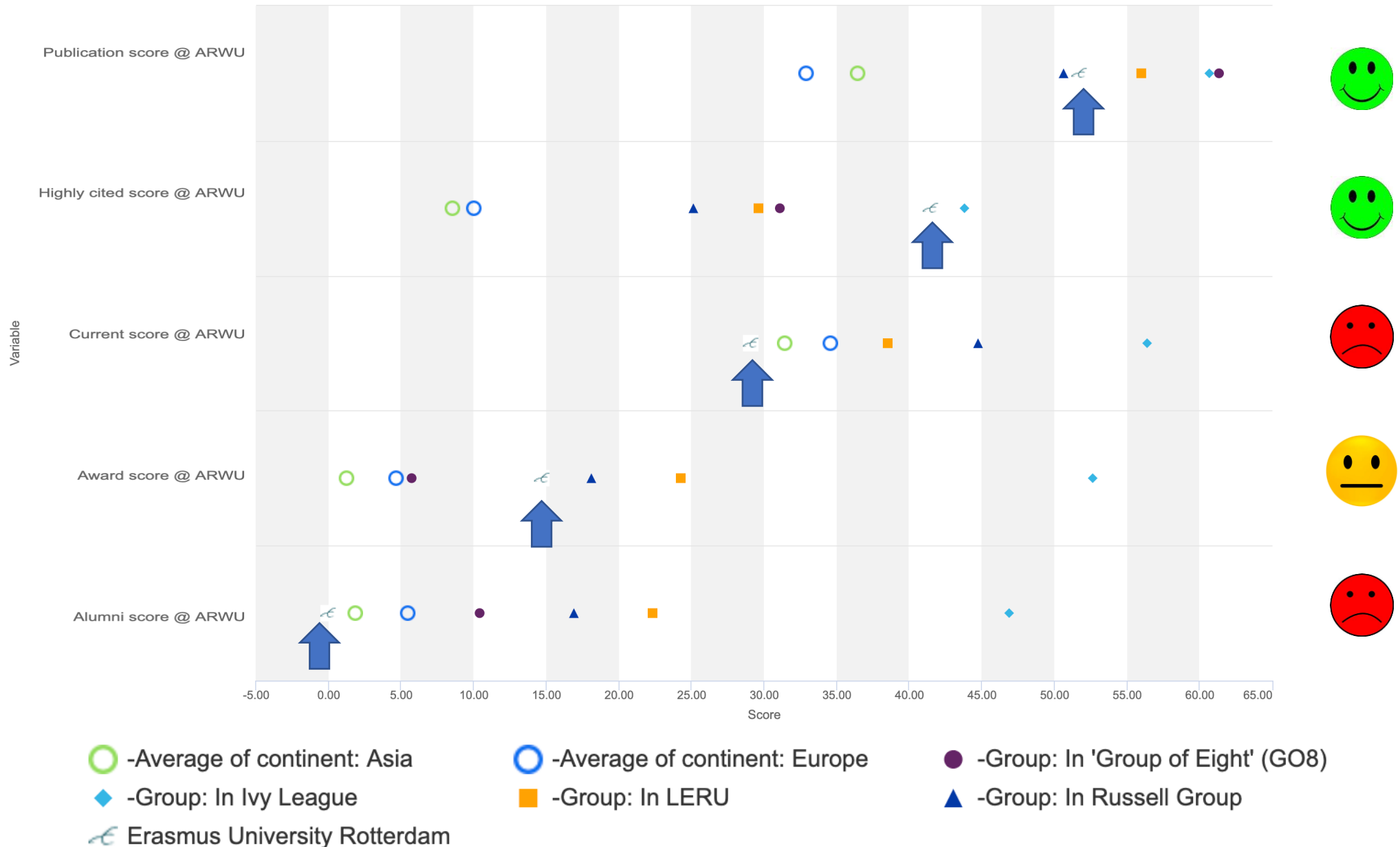
ARWU - Subject Ranking 2020





Development 2:
Benchmark with alliances/groups

Benchmark my university (Erasmus) with average of regions & selected groups of institutions (Arwu 2019)

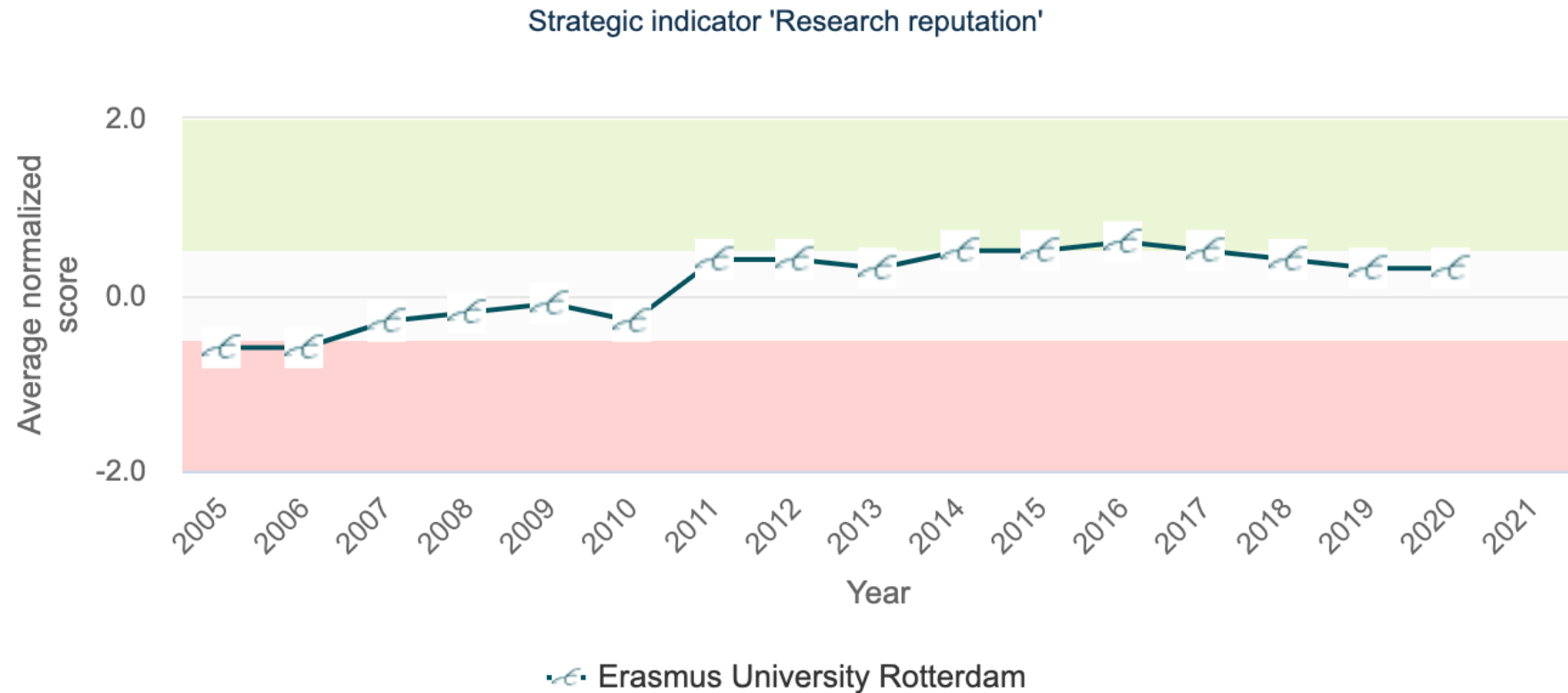


Development 3: Composite variables

Compose new holistic variables using the diversity of variables from multiple rankings

Using the average of normalized scores of all variables (global average = 0)

Impact & Rankings: Composite variables from different rankings 3: “Research reputation”






Erasmus University Rotterdam / Dialogic

Average of normalized scores of all measurements of relevant variables (zero equals the global average):
Quality of faculty rank (CWUR), Publications collaboration (CWTS), PP interinstitutional collaboration (CWTS), Publications collaboration rank (CWTS), Publications interinstitutional collaboration (CWTS), Publications far collaboration (CWTS), Academic reputation score (QS), Academic reputation rank (QS), Alumni score (ARWU), Percentage of international collaboration (SIR), Scientific leadership (SIR), Excellence with Leadership Rank (SIR), Research score (THE), Research score (THE Reputation), External research income (UMultiRank), Presence rank (WOM), Impact rank (WOM), Openness rank (WOM),

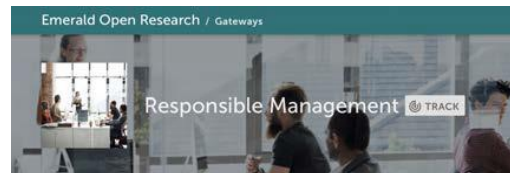
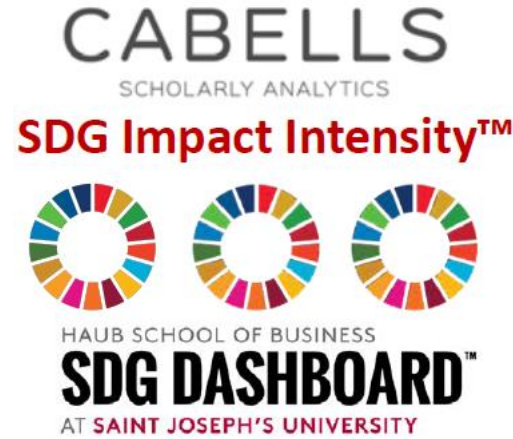
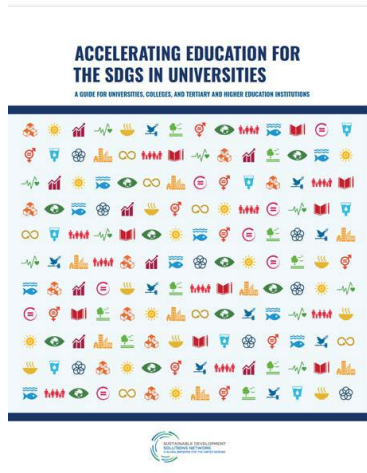
Development 4: Sustainability reporting with SDG Mapping

Case: RSM SDG mapper for Top business schools

Examples of International higher education **sustainability reporting** and assessment frameworks

			
Overview	<p>The Sustainability Tracking, Assessment & Rating System (STARS) is a self-reporting framework for colleges and universities to measure their sustainability performance.</p>	<p>The Times Higher Education Impact Rankings measure global universities' success in delivering the United Nations' Sustainable Development Goals (SDGs).</p>	<p>The aim of the UI GreenMetric World University Rankings is to enable universities to measure and improve their implementation of sustainability policies and programs.</p>
Recognition Type	Rating (four levels)	Ranking (top to bottom)	Ranking (top to bottom)

SDG mapping mania is everywhere: both institutional, as publishers and networks *)



SDG publications vs total number of publications for Triple Crown Accredited schools



*) Source: David S. Steingard, Ph.D.
Dashboard • <https://sdgdashboard.sju.edu>

RSM SDG mapper: building the RSM SDG portfolio footprint

Challenge: How to “measure” impact?

Develop metrics for impact of research, education and engagement (and develop an evidence based demonstration of impact for new AACSB standards 8 & 9) while we know Impact is very hard to measure (from empirical/research point of view), many methodological pitfalls exist

Vision on the solution: combine analytics and narrative

Don't invent the wheel yourself, but use **external schemata** developed by credible stakeholders, like the UN SDG's and develop a credible **proxy of relatedness** of results to these schemata by **use smart technology and analytics** to produce **evidence to develop the impact narrative** and **to feed the strategic dialogue** with stakeholders

Approach: open science mindset

We used open data and open source technology where possible (because of limited resources) and combine these with text based data from our research intelligence (articles, Phd theses), education results (MSc theses, canvas) and engagement examples (projects descriptions) results.

Result

A web based tool to provide analytics on the SDG relatedness of research, education and engagement in business schools.

Open demo dashboard (beta version): <https://rsmmetrics.nl/sustainable-development-goals/triple-crown-sdg>

RSM SDG mapper: building the RSM SDG portfolio footprint

Scope:

Global analysis of all publications in the FT-50 and UTD journal list
Triple Crown Accredited Business schools.

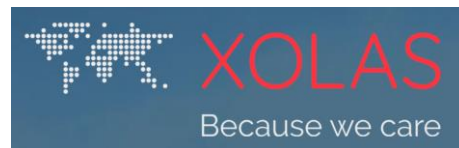
Examples of analytics:

1. benchmark analytics on both schools and journals for SDG ratio's
2. SDG publications over time
3. Share of SDG publications within the total number of publications
4. SDG Profiles for individual schools and journals
5. SDG Heatmaps
6. SDG rankings based on the SDG share
7. High scoring publications

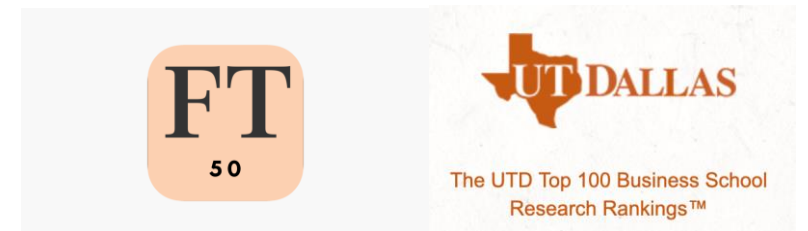
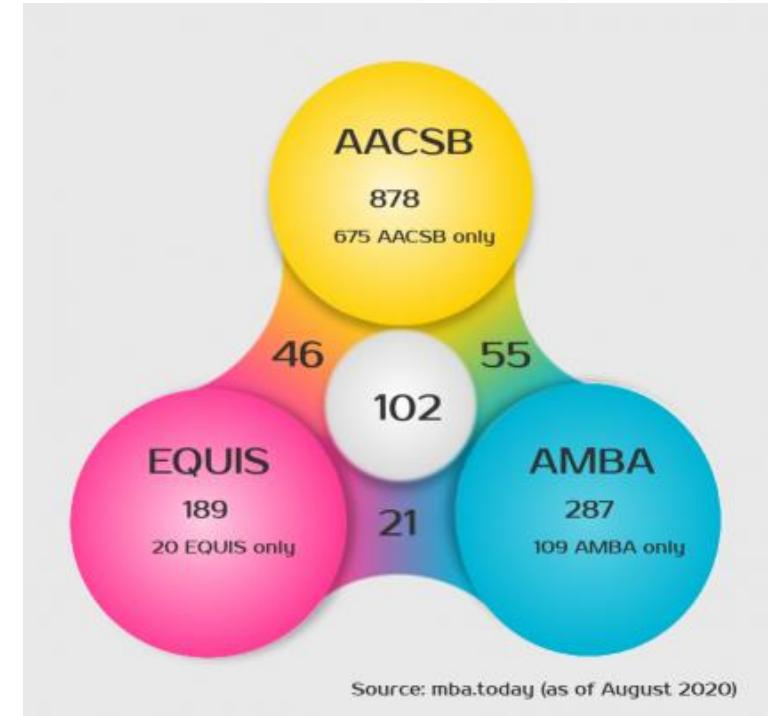
Partnership with Dialogic (technology) and XOLAS (strategy-metrics)



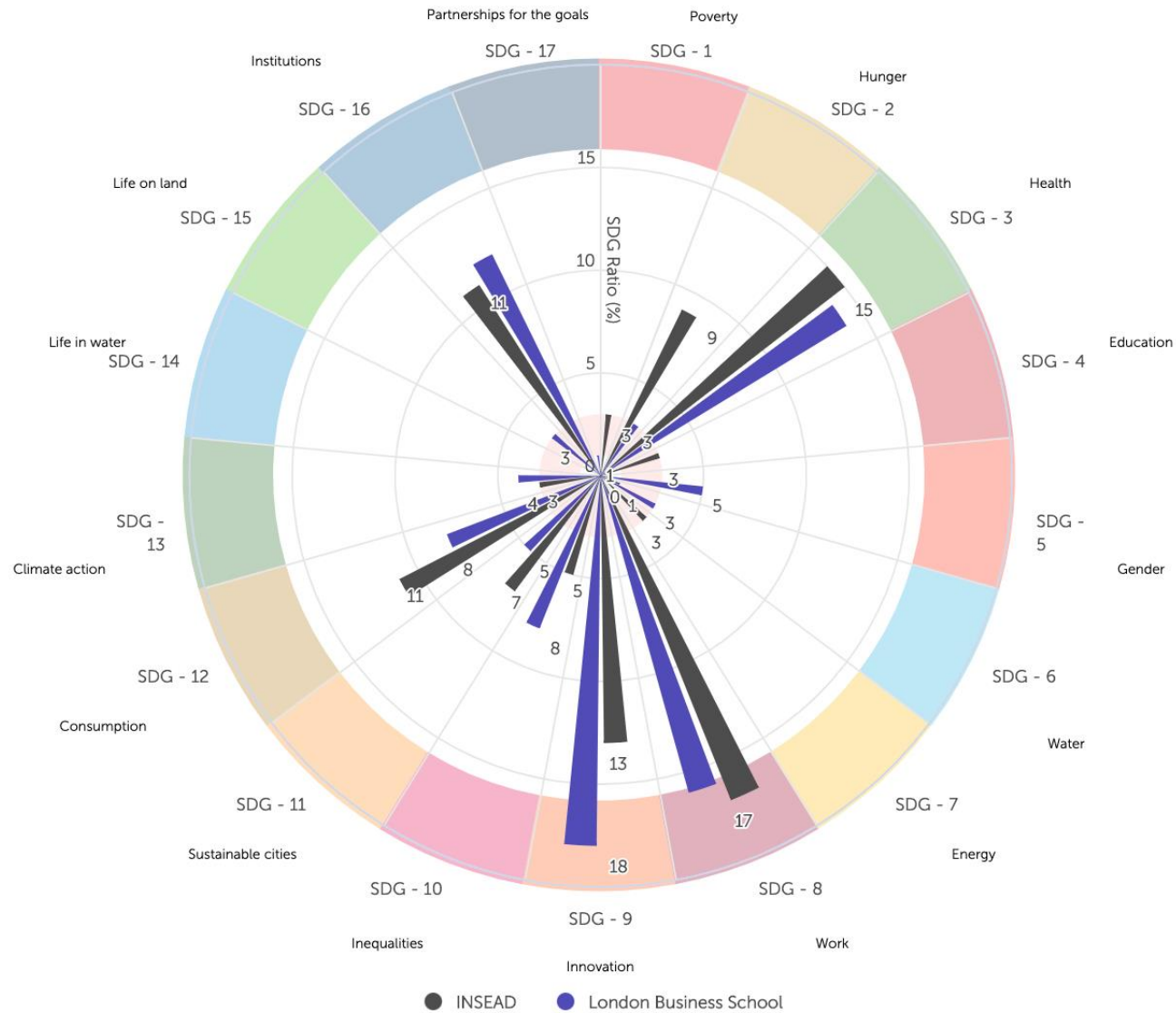
<https://www.dialogic.nl/en/>



<https://www.xol.as/>



RSM SDG mapper: Benchmark schools SDG related articles 2000-2019 (example: INSEAD vs LBS)



RSM SDG mapper: building the RSM SDG portfolio footprint

Clusters of SDGs to so called 'SDG categories'.

As a demonstrator, we follow the logic of the “SDG wedding cake” model, (Stockholm Resilience Centre), combining SDG’s on Planet/Biosphere, People/Society and the Economy.

Planet/Biosphere:

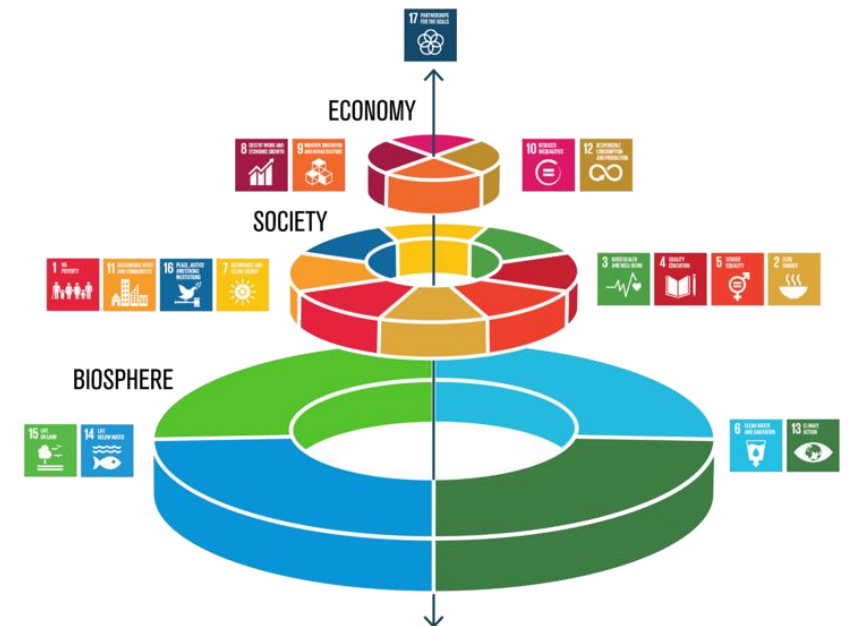
SDG - 6, SDG - 13, SDG - 14, SDG - 15

People/Society:

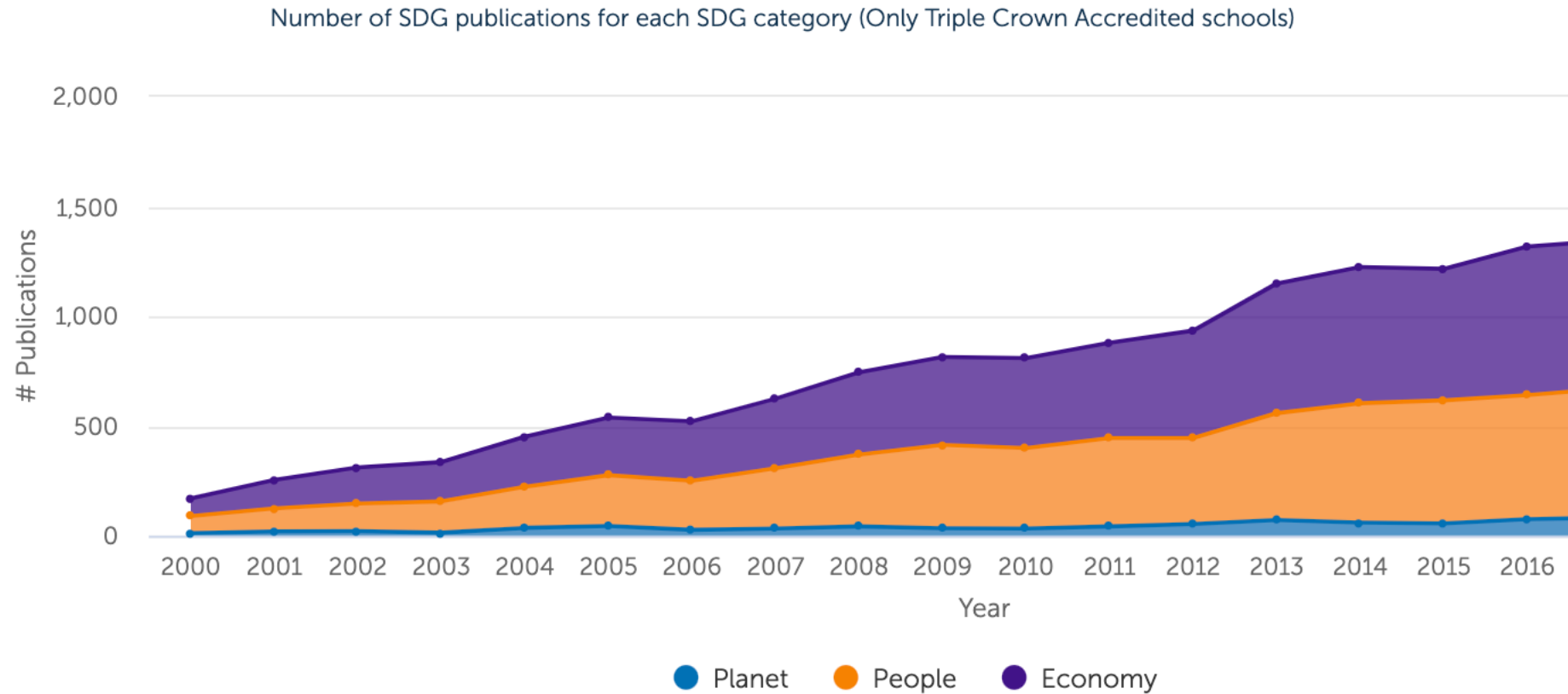
SDG - 1, SDG - 2, SDG - 3, SDG - 4, SDG - 5, SDG - 7, SDG - 11, SDG - 16

Economy:

SDG - 8, SDG - 9, SDG - 10, SDG - 12



RSM SDG mapper: Triple crown SDG related articles 2000-2019



3

Solution on large scale RA support through global platforms: the VV IT portal, Q&A on the portal solution

Laura Tucker

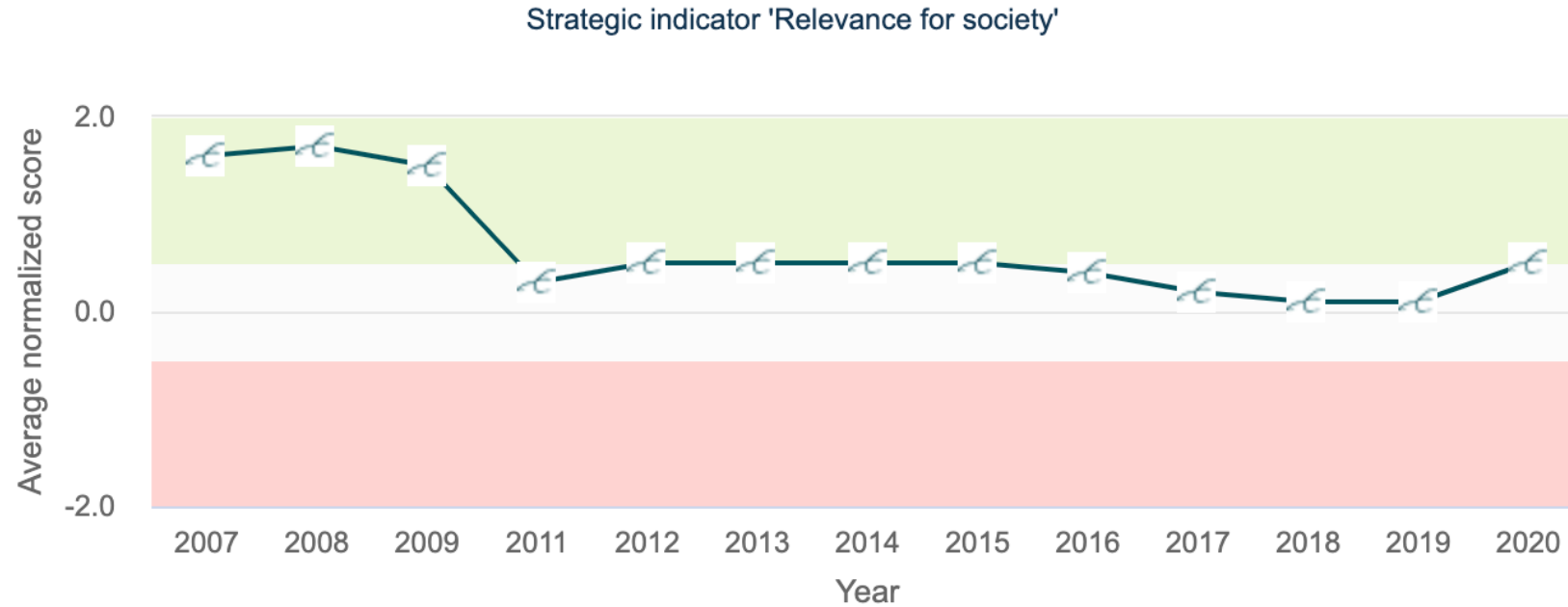
Vertigo Ventures

4

**Eye on the future of RA with smart RI
(all speakers)**

Additional material

Impact & Rankings: Composite variables from different rankings 1: “Relevance for society”

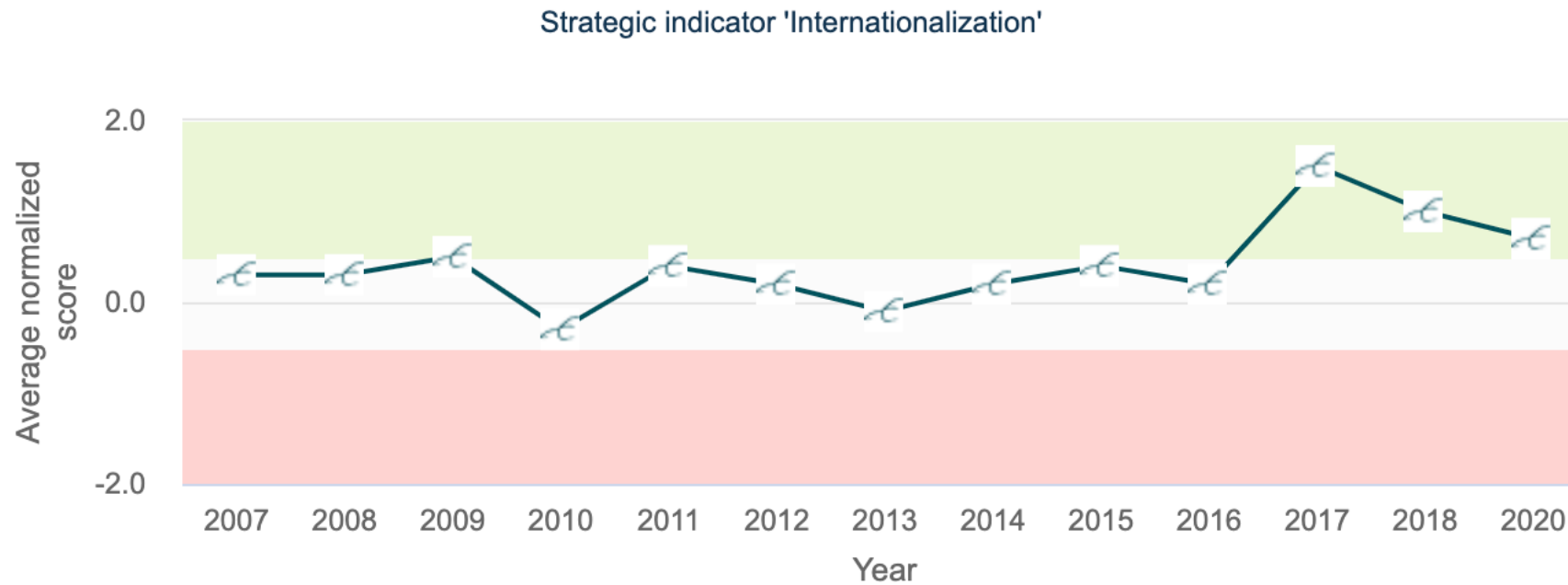


Erasmus University Rotterdam

Erasmus University Rotterdam / Dialogic

Average of normalized scores of all measurements of relevant variables (zero equals the global average):
Alumni employment rank (CWUR), Employer reputation score (QS), Employer reputation rank (QS), Innovative Knowledge Rank (SIR), Industry Income score (THE), Relative BA graduate unemployment (UMultiRank), Relative MA graduate unemployment (UMultiRank), External research income (UMultiRank), Interdisciplinary publications (UMultiRank), Co-publications with industrial partners (UMultiRank), Income from private sources (UMultiRank), Patents awarded (size-normalised) (UMultiRank), Industry co-patents (UMultiRank), Spin-offs (UMultiRank), Income from continuous professional development (UMultiRank), Income from regional sources (UMultiRank),

Impact & Rankings: Composite variables from different rankings 2: “Internationalization”

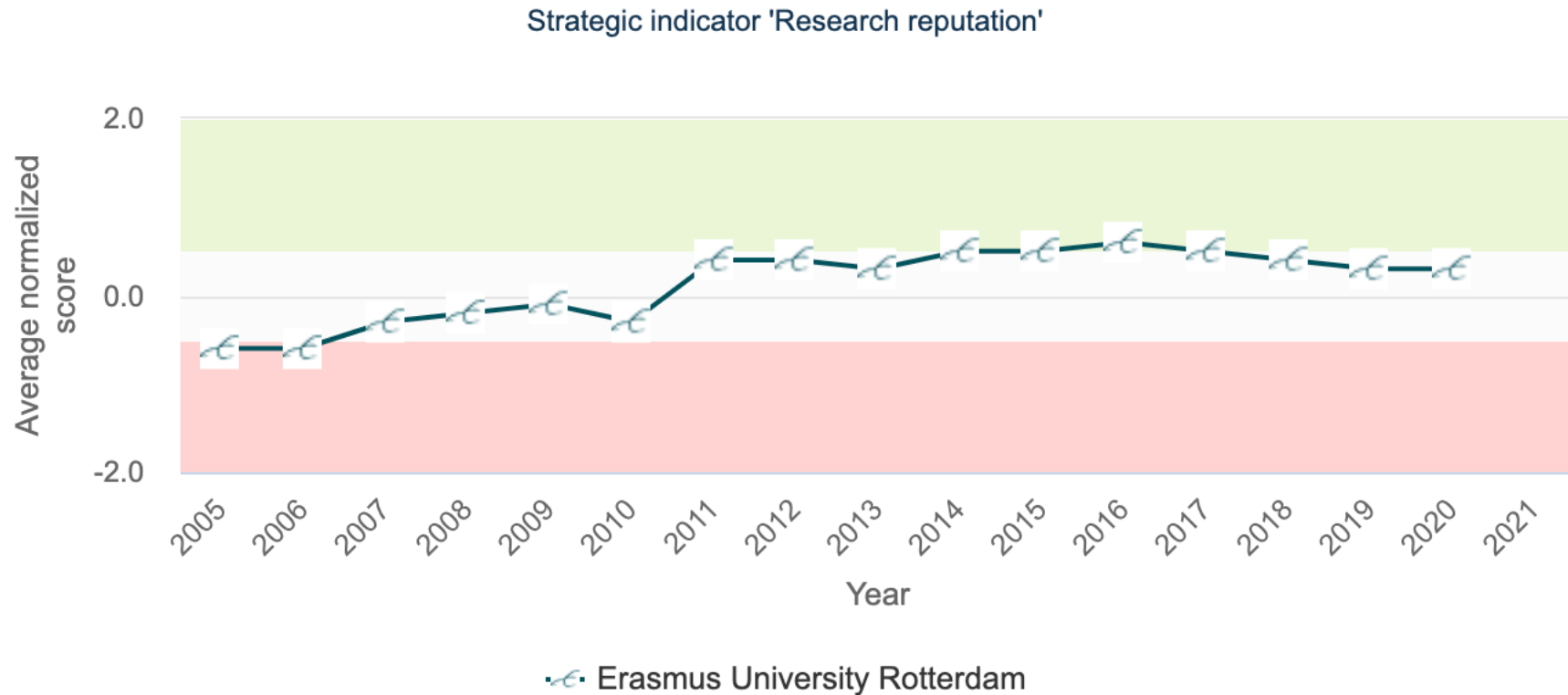


Erasmus University Rotterdam

Erasmus University Rotterdam / Dialogic

Average of normalized scores of all measurements of relevant variables (zero equals the global average):
 Publications international collaboration (CWTS), Publications far collaboration (CWTS), MGCD collaboration (CWTS), International faculty score (QS), International faculty rank (QS), International student score (QS), International student rank (QS), International academic staff (Round University Rankings), Percentage of international collaboration (SIR), International Rank (SIR), International Outlook score (THE), Foreign language bachelor programmes (UMultiRank), Foreign language master programmes (UMultiRank), Student mobility (UMultiRank), International academic staff (UMultiRank), International joint publications (UMultiRank), International doctorate degrees (UMultiRank),

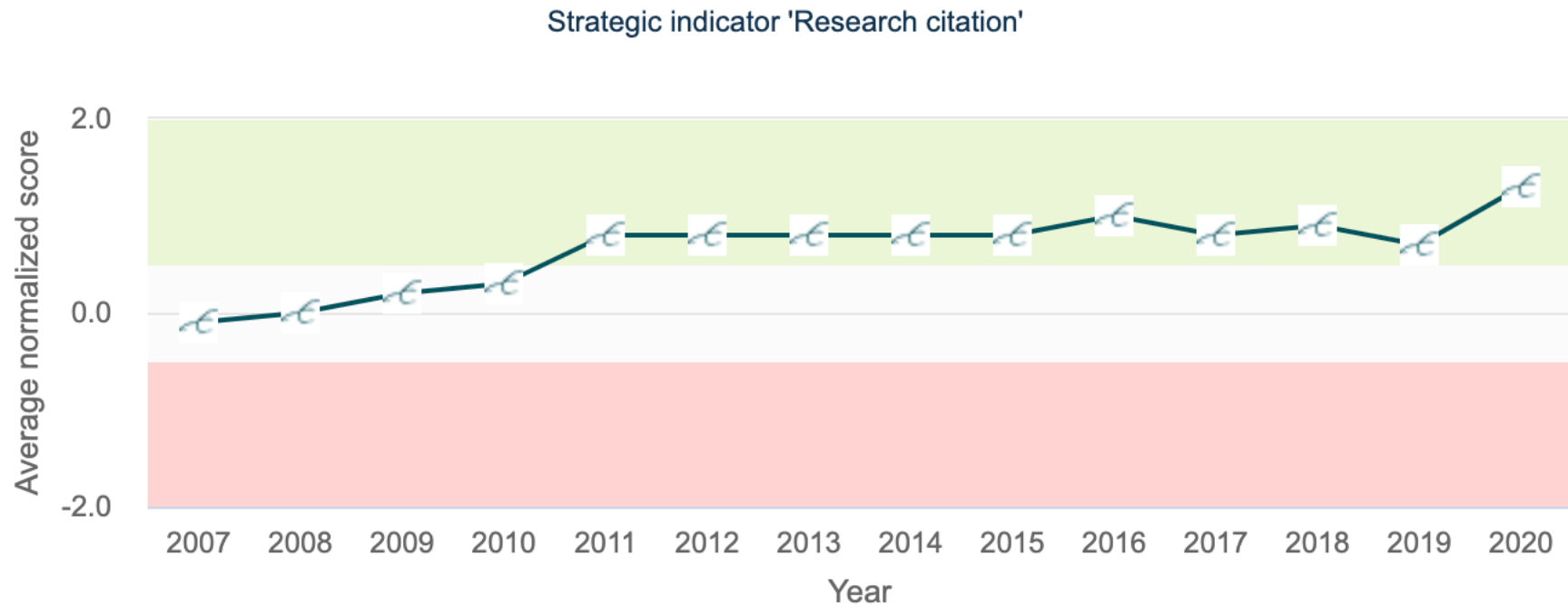
Impact & Rankings: Composite variables from different rankings 3: “Research reputation”



Erasmus University Rotterdam / Dialogic

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Impact & Rankings: Composite variables from different rankings 4: “Research citation”



Erasmus University Rotterdam

Erasmus University Rotterdam / Dialogic

Average of normalized scores of all measurements of relevant variables (zero equals the global average):
MNCS impact (CWTS), PPTop10% publications impact (CWTS), PP interinstitutional collaboration (CWTS), Highly cited score (NTU), High impact journal articles score (NTU), Highly cited score (ARWU), Nature and science publication score (ARWU), PCP score (ARWU), Top publication score (ARWU), Normalized impact score (SIR), Percentage of high quality publications (SIR), Excellence rate (SIR), Excellence rate with scientific leadership (SIR), Excellence rank (SIR), Excellence with Leadership Rank (SIR), Citations score (THE), Top cited publications (UMultiRank), Openness rank (WOM), Excellence rank (WOM),

Erasmus University Rotterdam in QS & ARWU Business subject rankings



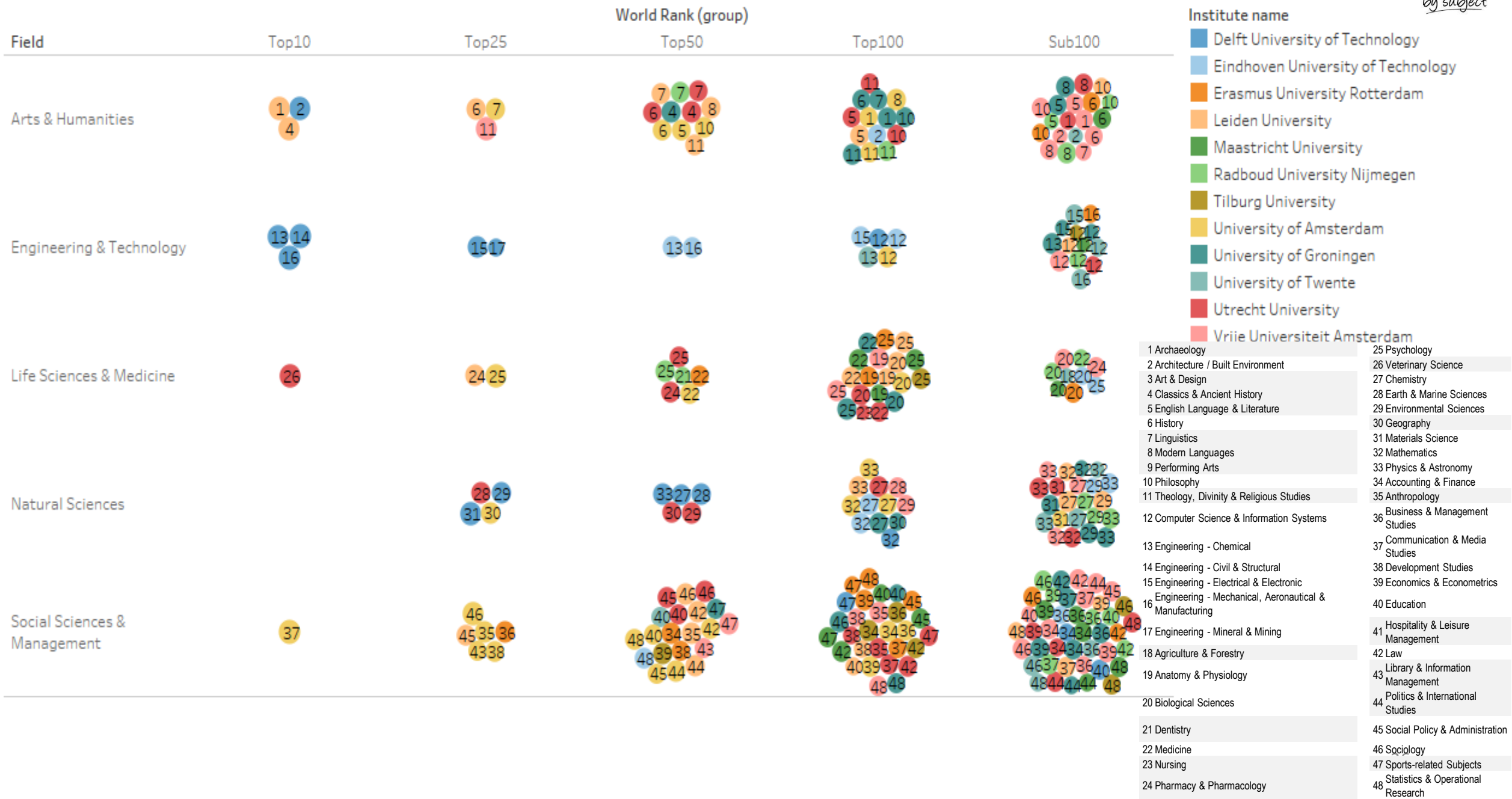
QS Subject rank 2021: Business and management Studies

1	Harvard University	United States
2	INSEAD	France
3	London Business School	United Kingdom
4	Massachusetts Institute of Technology (MIT)	United States
5	Stanford University	United States
6	University of Pennsylvania	United States
7	Bocconi University	Italy
8	University of Cambridge	United Kingdom
9	HEC Paris School of Management	France
10	The London School of Economics and Political Science (LSE)	United Kingdom
11	University of Oxford	United Kingdom
12	University of California, Berkeley (UCB)	United States
13	National University of Singapore (NUS)	Singapore
14	Northwestern University	United States
15	Copenhagen Business School	Denmark
16	The Hong Kong University of Science and Technology	Hong Kong SAR
17	Erasmus University Rotterdam	Netherlands
18	Columbia University	United States
19	Yale University	United States
20	New York University (NYU)	United States
21	Universitat Ramon Llull	Spain
22	University of Chicago	United States
23	The University of Warwick	United Kingdom
24	Imperial College London	United Kingdom
24	Nanyang Technological University, Singapore (NTU)	Singapore

ARWU 2020 Subject: Business Administration

1	University of Pennsylvania	United States
2	Texas A&M University	United States
3	Erasmus University Rotterdam	Netherlands
4	Harvard University	United States
5	University of Michigan-Ann Arbor	United States
6	Tilburg University	Netherlands
7	Duke University	United States
8	Georgia State University	United States
9	Northwestern University	United States
10	University of Washington	United States
11	Pennsylvania State University - University Park	United States
12	Columbia University	United States
13	University of Maryland, College Park	United States
14	University of Minnesota, Twin Cities	United States
15	Indiana University Bloomington	United States
16	Arizona State University	United States
16	INSEAD	France
18	University of South Carolina - Columbia	United States
19	University of North Carolina at Chapel Hill	United States
20	The University of Georgia	United States
21	Stanford University	United States
22	Michigan State University	United States
22	University of Miami	United States
24	Aalto University	Finland
25	The University of Texas at Austin	United States

QS Subject 2019 ranking -- NL Universities -- Academic Reputation as proxy for Research size





Impact Rankings: a Tool for Public Policy?

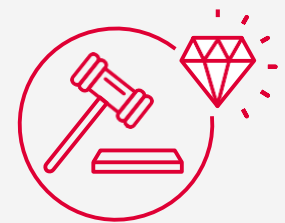
Miłosz Rojek, Ministry of Science and Higher Education, Poland

www.gov.pl/web/science



Agenda

1. Societal impact in the Polish research quality assessment
2. Assessing impact of universities
3. Impact rankings of universities
 - Global state of play
 - THE Impact Ranking
 - Other chosen rankings
4. University rankings' utility as a public policy tool



1. Societal impact in the Polish research quality assessment

With the introduction of the Constitution for Science, **assessment of impact** has been included in the **Polish framework** for research quality assessment.



allows to account for a broader impact of research outside academia



strengthens social and political legitimisation for increased public spending on science and higher education



requires substantial resources to be thoroughly conducted

„**Rankings support educational policy making via measurability** of certain indicators and worldwide comparisons [...] can be also used as an **instrument for convincing the public** that certain education reforms are needed, thus supporting the policy making.” ([Landinez et al., 2019](#))



2. Assessing impact of universities



„[...] **rankings focus on teaching and research** activities but rarely measure the HEIs' connection to practice.” ([Urdari et al., 2017](#))



„[...] while several ranking systems exist for the first and second missions, **the third mission lacks any cohesive methodology** for describing what universities actually do in this regard.” ([Secundo et al., 2017](#))



„Rankings seem to **focus on education- and research-based indicators**. [...]” ([Landinez et al., 2019](#))

A need for **impact rankings** of universities?



3.1. Impact rankings of universities: global state of play



3.2. Impact rankings of universities: THE Impact Ranking (1/4)

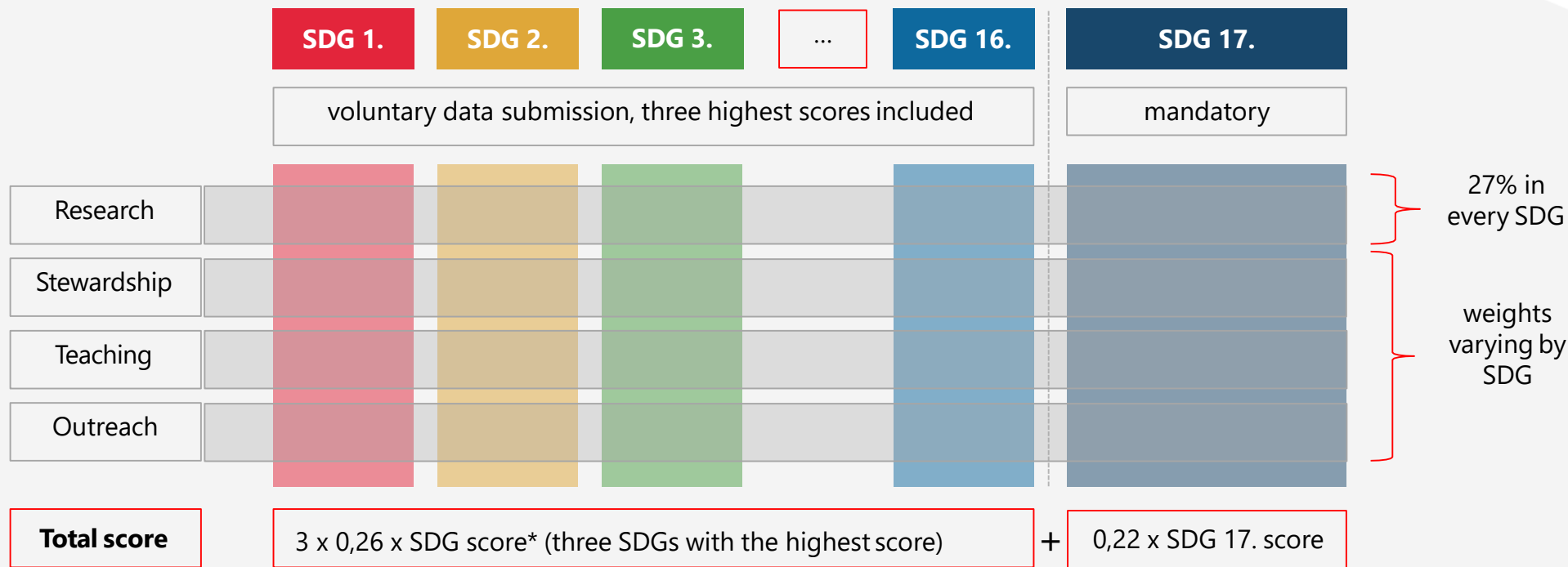
- published by **Times Higher Education** (UK), prepared in cooperation with: **Vertigo Ventures, Elsevier**
- goal: to assess universities against the **United Nations' Sustainable Development Goals (SDGs)**
- **2 editions** so far (2019, 2020)
- **768 universities from 85 countries** in the last edition
- **data submission by universities** (accreditation, teaching undergraduates as only conditions)

assessment areas

I	Research
II	Stewardship
III	Teaching
IV	Outreach



3.3. Impact rankings of universities: THE Impact Ranking (2/4)



* all scores on 0-100 scale, adjusted to the highest university score in a given SDG (100 points)

3.4. Impact rankings of universities: THE Impact Ranking (3/4)

	Description	Main data sources	Examples of indicators
Research metrics	refer to research (quantity of publications, quality – citations etc.)	Elsevier	<ul style="list-style-type: none"> • Number of publications related to a given SDG • FWCI of the above publications • Proportion of papers in the top 10% of journals as defined by CiteScore
Continuous metrics	refer to time-varying characteristics with continuous observation	data provided by universities	<ul style="list-style-type: none"> • Proportion of graduates with teaching qualification • Proportion of students receiving financial aid • Proportion of women receiving degrees
‘Zero-one’ metrics	most frequently refer to Stewardship or Outreach (policies and partnerships pursued by a university)	evidence provided by universities	<ul style="list-style-type: none"> • Policy protecting those reporting discrimination • Plans to upgrade buildings to higher energy efficiency • Educational activities that are open to the general public, such as lectures or specific educational courses



3.5. Impact rankings of universities: THE Impact Ranking (4/4)

I SDGs as sole indicators of university impact

„Moving **from the third mission goals**, it focuses on **three interrelated areas**: research, i.e. technology transfer and innovation, teaching, i.e. lifelong learning and continuing education, as well as, social engagement **in line with regional and national development.**” (Secundo et al., 2017)

II Limited availability of multiple SDGs

Going beyond teaching and research, the University Third Mission – services to Society – has at least 3 dimensions: a non profit – social – approach; an **entrepreneur focus**; and an **innovative approximation.**” (Montesinos et al., 2008)

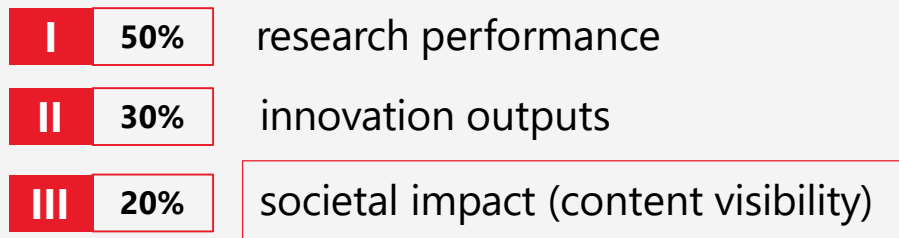
III Methodological issues: SDG-related publications

„As a consequence, the higher the degree of **internationalization of university third mission activities**, the higher will be the students’ progress on the entrepreneurial ladder.” (Minola et al., 2016)

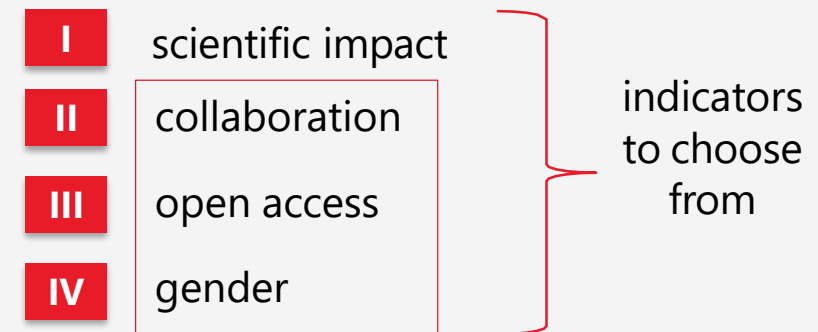


3.6. Impact rankings of universities: other chosen rankings (1/2)

- published by **Scimago Lab** (Spain)
- **6 editions** (Societal Rank)
- **3897 universities** in the last edition

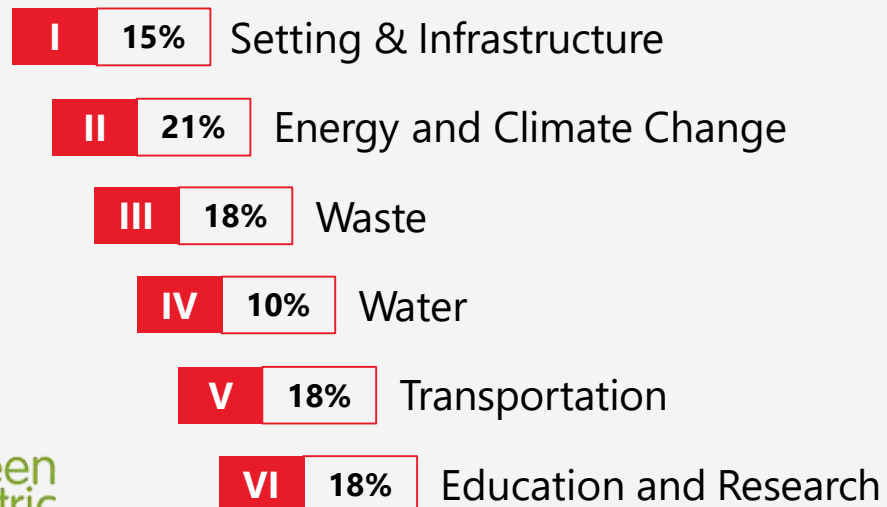


- published by **Centre for Science and Technology**, Leiden University
- **9 editions** (since 2011/2012)
- **1176 universities** in the last edition

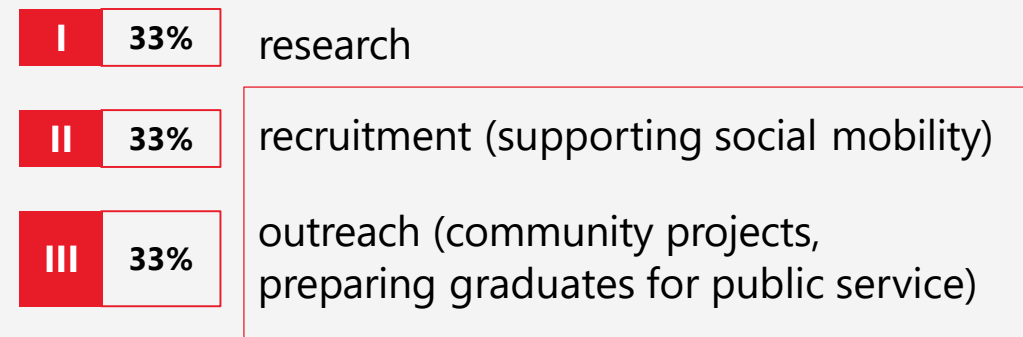


3.7. Impact rankings of universities: other chosen rankings (2/2)






- initiated by **Universitas Indonesia**
- **10 editions** (since 2010, the latest: 2019)
- **780 universities** in the last edition



- published by **Washington Monthly**
- **16 editions** (since 2005)
- **389 universities** in the last edition (US only)



3.8. Impact rankings of universities

	Assessed areas		Data collection	Entry criteria	Ranking visibility	
	Research	Teaching	mainly submitted by universities	teaching undergraduates	85	.
	Stewardship	Outreach				
	Research	Teaching	mainly from Internet sources/from suppliers	min. 100 publications in Scopus (last year)	59	.
	Stewardship	Outreach				
	Research	Teaching	mainly from Internet sources/from suppliers	min. 800 publications in Web of Science ¹⁾	58	64
	Stewardship	Outreach				
	Research	Teaching	mainly from Internet sources/from suppliers	teaching on EQF 6-8, minimal # of students ²⁾	78	83
	Stewardship	Outreach				
	Research	Teaching	mainly submitted by universities	none	78	.
	Stewardship	Outreach				

Legend Major area Minor area Not covered

1) The requirement refers to a four-year period before the assessed year (2015-2018 in the latest edition).
 2) The requirement refers to a number of graduates too.

3.9. Impact rankings of universities



contribution to SDGs



SCIMAGO INSTITUTIONS RANKINGS

visibility of created content



transfer of knowledge; contribution to lowering gender inequalities



contributing to mitigating climate change, promoting sustainable development



promoting social mobility, supporting local community, preparing for public service

4. University rankings' utility as a public policy tool



Lack of third mission assessment in leading global rankings



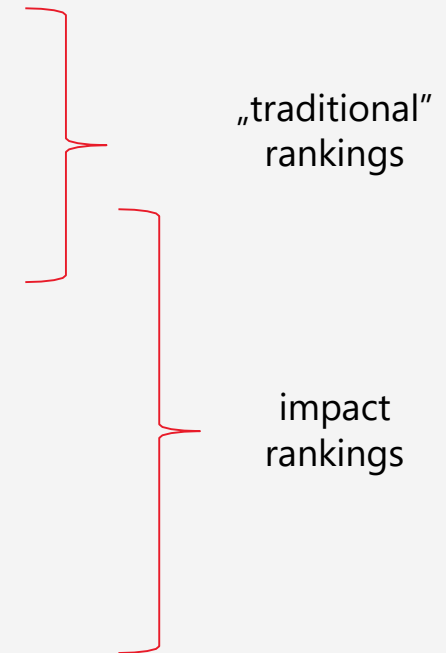
Methodological issues (even more in case of impact rankings)



Understanding of impact: narrow or inadequate to the universities' activities and country-level development strategies



New exclusiveness



Thank you for your attention!



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www.gov.pl/web/science



The Future of Ranking Impact Is Valuing It

3,339 days to achieve the
UN Sustainable Development Goals

Date: 06.11.2020

Presented by: Laura Tucker



Decade Of Action

The world is burning around us

<10 years to achieve the UN SDGs and prevent global temperatures rising above 1.5oC

Arctic ice is now half as thick as it was in the 1980's and this year the birthplace of arctic sea ice has not frozen in October as it usually does

Disruption: ecosystems, marine life and indigenous people's livelihoods

Future risks include: civil unrest and cyber security

Transitioning to a nature positive economy could create \$10 trillion in business value and 395 million jobs by 2030

*World Economic Forum | October 2020



*Photo | Matt Howard | UnSplash





To embed impact reporting for a sustainable world

Purpose

By enabling the measurement of impact, we believe we are contributing to a more sustainable world



Overview

Proven partner for 10+ years

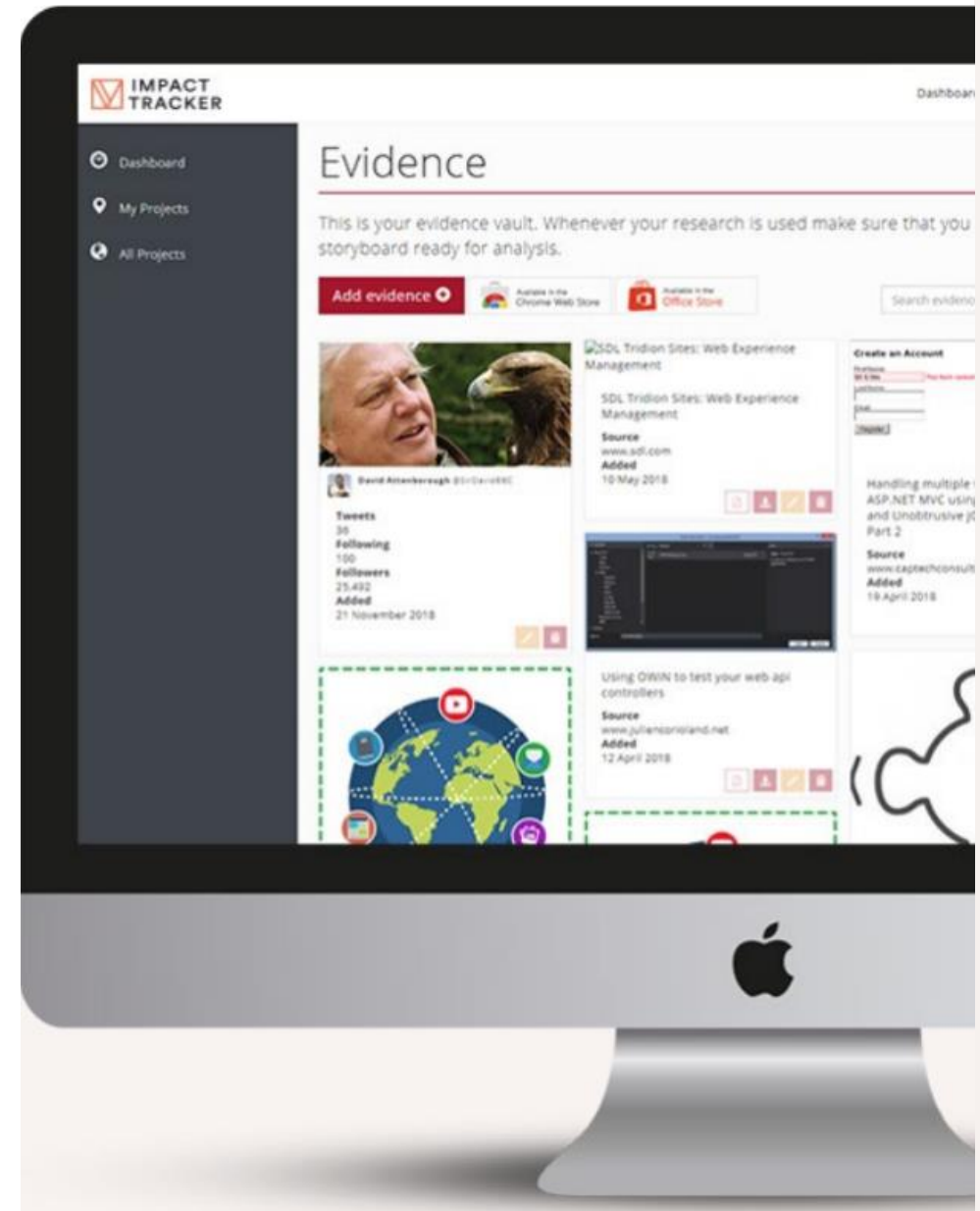
We work with leading organisations to help them identify, capture and report their impact.

Mostly through our software product, VV-Impact Tracker, but also through consultancy, training and eLearning.

Our software, VV-Impact Tracker is now being used:

- by over 6,500 academics and research managers
- around 50 universities, institutes and funders
- in UK, Australia, Hong Kong, the Netherlands and New Zealand

Secured Innovate UK bid to support global collaboration of experts with a Wiki for citizens, via a public web application



Official Advisors to THE Impact Rankings



Working with Times Higher Education to create the annual, global university rankings

Over 850 universities from 89 countries participated 2020

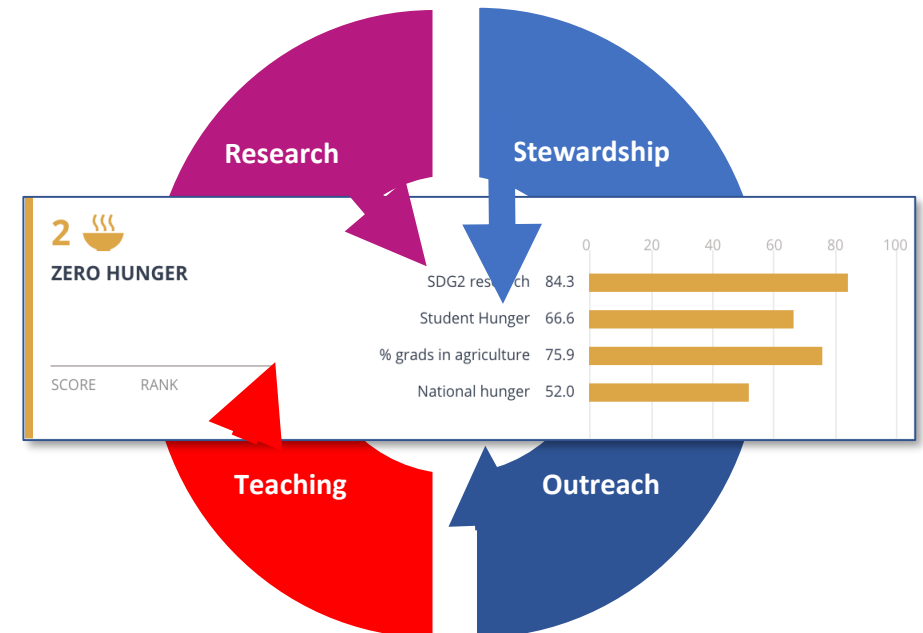
Aligned to the 17 UN Sustainable Development Goals

Determined an appropriate and feasible methodology

Support engagement, buy in and participation from the global Higher Education sector.

Implementing year on year refinements

*Please see [timeshighereducation.com](https://www.timeshighereducation.com) for more information |



FUTURE



Launch Of TrackImpact.org Jan.2021

Opening Up VV-Impact Tracker for global collaboration and greater impact

Facilitate collaboration across sectors, globally

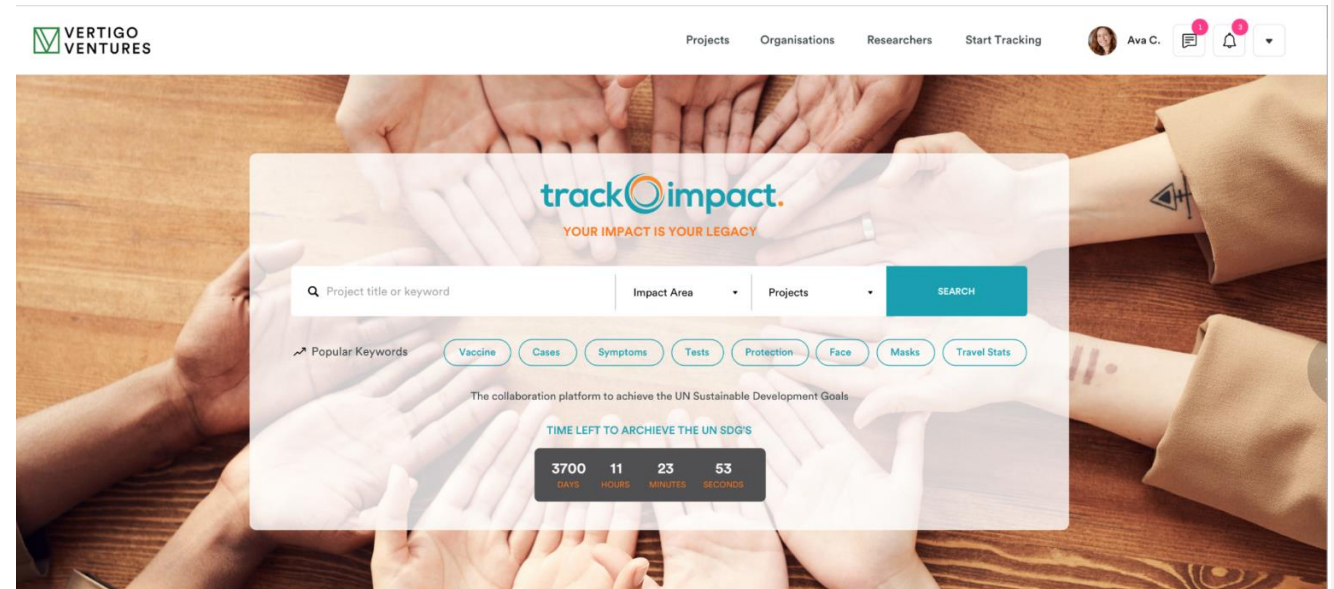
Showcase research impact

Populate university websites

Open up impact data and evidence from projects

Register for free pre-launch access:

hello@vertigoventures.com



Public Research Projects

Draft in progress

- Enable global collaboration
- Search and view projects in terms of their social economic impact
- Understand contributions to the UN Sustainable Development Goals
- All information is kept private unless Project Owners choose to make it public
- Downloadable Evidence
 - (Tracking options TBC)

The screenshot displays the Vertigo Ventures website interface. At the top, there is a navigation bar with the logo, a search bar, and menu items for 'Projects', 'Organisations', 'Researchers', and 'Start Tracking'. The main content area features a project profile for 'COVID-19 diagnosis, treatment, and management' by Emily Wilson, Project Owner & Lab Manager at University Of Oxford. The profile includes a 'Project team' section with Emily Wilson's profile, social media links (ID, in, twitter, R, A, M), and a 'Request Collaboration' button. Below this is the 'Organisations' section, highlighting the University of Oxford as a lead organization. The project details section includes a 'Short Description' of the COVID-19 outbreak in Wuhan, a 'Project Detail' section with 'Impact Areas' (Diagnosis, Public health) and 'SDG' indicators (1, 2, 3, 6, 12). On the right, there is a 'Project Status' section showing 'UPCOMING MILESTONES' (Perform vaccine tests on animals) and 'Headlines' (Drug vignettes: Remdesivir, Perform vaccine tests on animals, PCR positives: what do they mean?).



Impact Profiles

Draft in progress

- Showcase the impact from across your projects
- Demonstrate your contribution and your role in different projects
- View aggregated impact data
- Identify potential collaborators
- Leverage academic profiles for credibility

The screenshot displays a user profile for Faten Aishazly on the Vertigo Ventures platform. The profile includes a header with the user's name, title (Lab Manager at University of Oxford), and location (UK). It features social media icons for ID, LinkedIn, Twitter, ResearchGate, Academia, and Mendeley, along with a WhatsApp contact option and a QR code. Below this, there are buttons for 'SEND MESSAGE' and 'FOLLOW', and a 'CONTACT INFORMATION' dropdown menu. The 'Organisations' section lists the University of Oxford (15 active projects) and the University of Cambridge (5 active projects). The 'Project Detail' section shows 'FIELDS OF RESEARCH' (Innovation, Health and the environment) and 'SDG' goals (1, 2, 6, 15). The 'Faten's Activity on Impact Tracker' section shows 5 projects, 8 impacts, 56 evidences, and 32 comments. The right sidebar contains 'Headlines' and 'Last Publications' sections.



Organisation Profiles

Draft in progress

- Showcase your organisation's impact from across your projects
- Demonstrate your contribution to different impact areas and UN Sustainable Development Goals
- Deliver on your mission and showcase differentiation
- Identify potential collaborators across sectors

The screenshot displays the 'Organisations' page on the Vertigo Ventures website. The page features a dark blue header with the logo and navigation links for 'Projects', 'Organisations', 'Researchers', and 'Start Tracking'. A user profile 'Ava C.' is visible in the top right corner. The main content area is titled 'Find 47 Organisations' and includes a search bar and filters for 'Location' (UK, Germany, Spain, Italy, Sweden) and 'Projects Impact Area'. A grid of nine organisation profiles is shown, each with a profile picture, logo, name, location, and statistics (Active Projects and Follows). Each profile also has 'SEND E-MAIL' and 'FOLLOW' buttons.

Organisation	Location	Active Projects	Follows
University of Oxford	UK	4	450
Google Inc	UK	4	450
King's College London	UK	4	450
University of Manchester	UK	4	450
University of Cambridge	UK	4	450
University of Amsterdam	UK	4	450
Erasmus University Rotterdam	UK	4	450
Université Libre de Bruxelles	UK	4	450
University of Edinburgh	UK	4	450

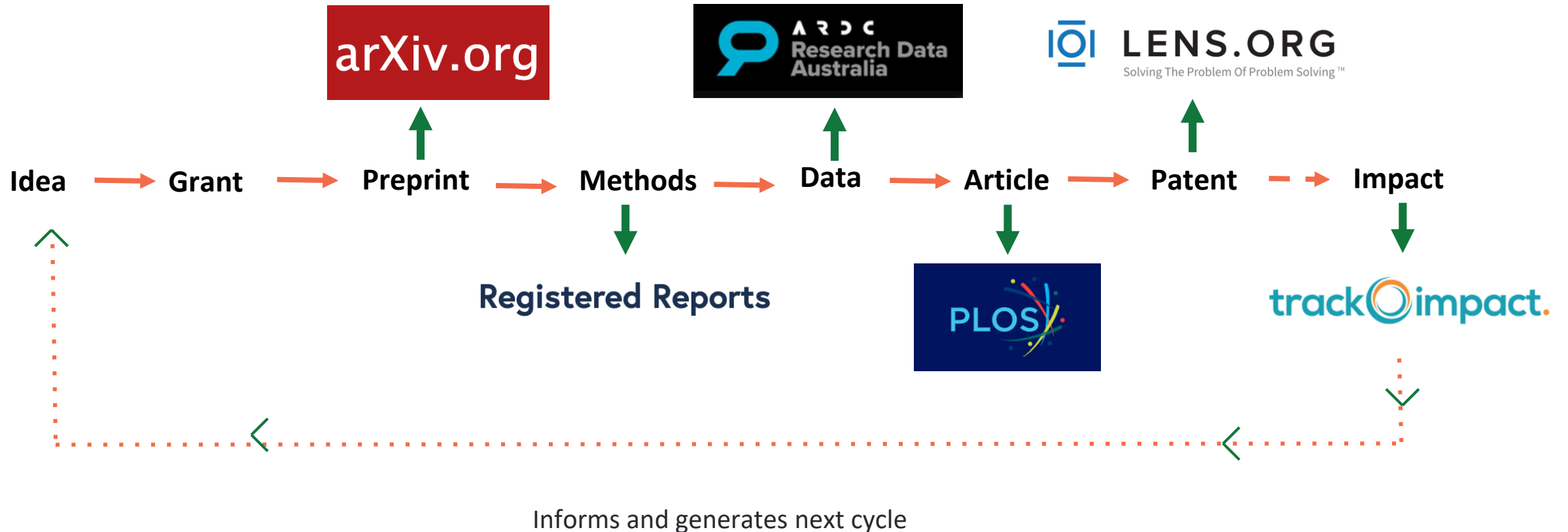


CURRENT CHALLENGES



Open Research Cycle

Header 2



Impact Reporting Now

Current experience

Reliant on senior management support, understanding and resourcing

Still cyclical in nature

Siloed in different departments (KEF, REF, EI, Public Engagement)

Not integrated into organisation performance analysis

Recognition limited to individual internal Awards

Is impact performance really valued?



*Photo | Aaron Hare | Unsplash



How Do You Value Impact As Part of Business As Usual

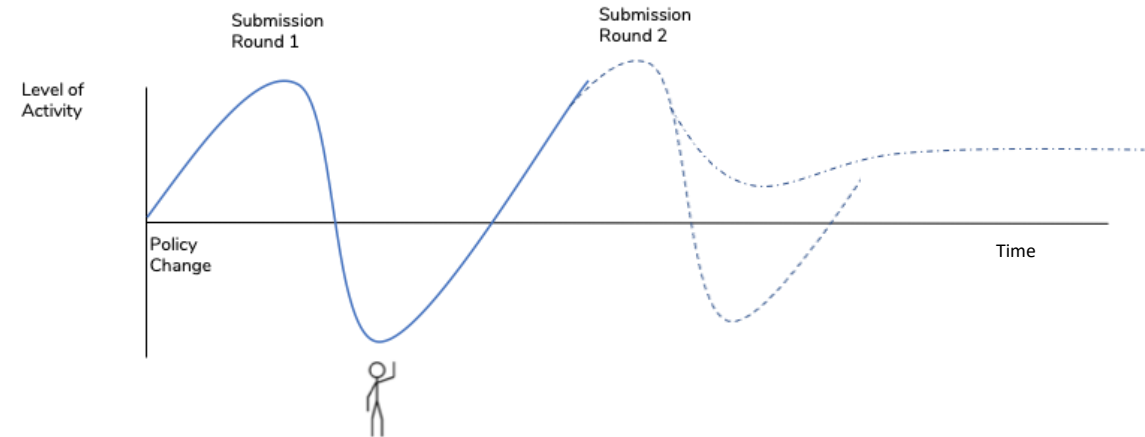
Impact should not just be a priority every X years

What additional incentives/levers/messaging can be used?

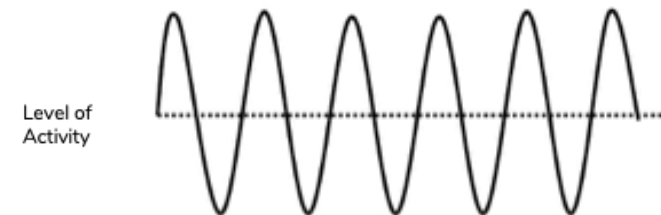
THE Impact Ranking, KEF can help stimulate annual reporting but

BUT ... Visibility of impact and contribution towards achieving the UN SDGs is needed in real time

National Assessments



THE Impact Ranking



Make This the Decade Of Action

How do we value impact?

How do we best utilise impact information to solve the greatest challenges, for a more sustainable world by 2030?

How do we operationalise impact throughout an organisation?

How do we incentivise academics/teams based on their impact?

How can we keep momentum post national assessment submissions for impact?



*Photo | Jakob Owens | Unsplash



Thank You

Questions?

Email: Laura.Tucker@vertigoventures.com





Impact of Science

4-6 November, Krakow

Up Next

12.30-13.00

Break

13.00-15.00

Closing Panel: “Recommendations for the Polish science system, and beyond”