



GLOBAL INSTITUTIONAL PROFILES PROJECT

HEALTHCARE AND SCIENCE

Building Thomson Reuters Research Evaluation Services.

JONATHAN ADAMS Director, Research Evaluation
Beijing, 25 June 2010



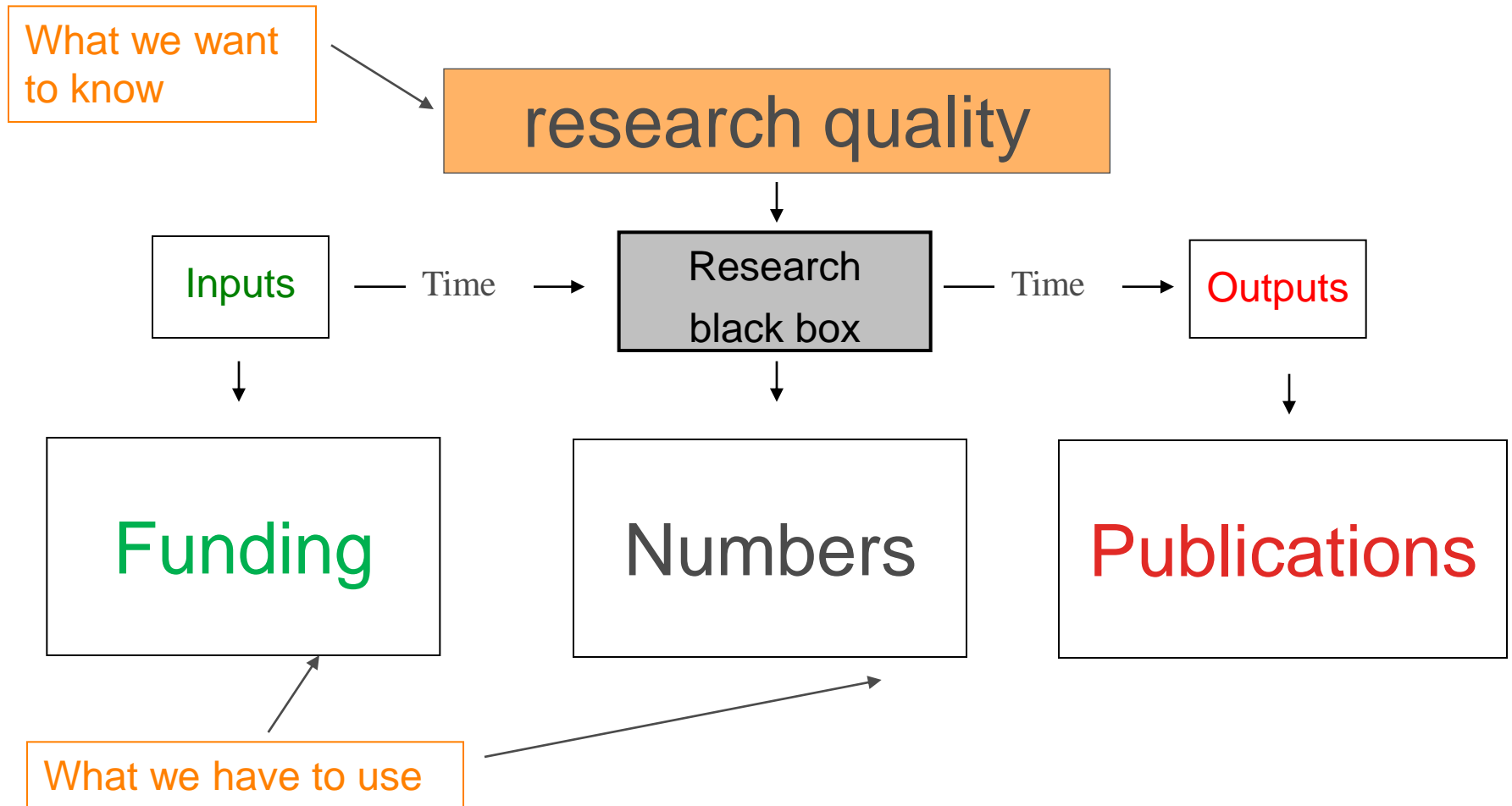
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GLOBAL INSTITUTIONAL PROFILES



- The Global Institutional Profiles Project aims to capture a comprehensive picture of academic institutions around the globe
- The services we build on this will
 - Include tools to visualize the data
 - Make easy comparisons between similar Higher Education Institutions
 - Enable comparisons of particular characteristics
- There will be benchmarks to improve like-for-like comparison systems
- This will massively extend Thomson Reuters ability to provide indicators and information to support research evaluation and management

PROFILES WILL EXTEND OUR INDICATORS OF RESEARCH PERFORMANCE



THOMSON REUTERS RESPONSE TO THE RANKINGS DEBATE

- Thomson Reuters does **NOT** produce rankings
- We **DO**
 - listen to stakeholders and build resources around their feedback
 - work with publishers to enhance rankings data content and methodology
- We will profile hundreds of institutions around the world and create a detailed picture of each
- We are collecting:
 - Key data on performance
 - Subject-specific data
 - Information that is relevant, valid and internationally comparable
- Thomson Reuters will analyse the data and has the necessary expertise to interpret outcomes in a meaningful way

GLOBAL INSTITUTIONAL PROFILES PROJECT

- There are 5 key stages to the project:



PROFILES PROJECT – OPINION SURVEY, PLATFORM GROUP

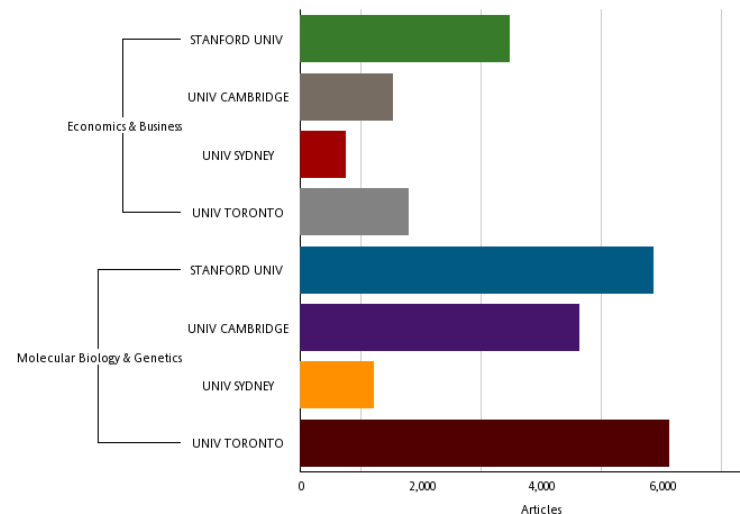
- We wanted to hear what stakeholders had to say about rankings and comparisons
- Opinion Survey to staff and researchers about university rankings
 - 85% of respondents said that comparisons were useful
 - Many perceived current data quality and methodology unfavourably
 - Current analyses believed to favour English speaking nations
- “Platform Group” has provided feedback and sense checking on
 - Data to be collected
 - Development of the project
 - Evolving methodology
- Members include university heads, research strategy staff and academics

PROFILES PROJECT – INSTITUTIONAL DATA GATHERING

- Thomson Reuters is working closely with leading institutions from around the globe to build up comprehensive profiles of factual information about each institution
 - Basic information on preferred institution name, key contact points and mission statement
 - This will form part of the information associated with the data profiles
- Institutional and subject data
 - Detailed information on people, students, money
 - Medicine, Bio-science, Physical science, Engineering, Social science, Arts & humanities
- Thomson Reuters has made considerable efforts to specify the required data so as to improve comparability across regions and institutions

PROFILES PROJECT – INSTITUTIONAL DATA GATHERING

- We will also collate information on the institution’s publication activity including the number of articles and citations.
 - Our data source is the *Web of Science*, widely recognised as the gold standard for research evaluation
 - We will perform a detailed name unification process conforming to common guidelines for inclusion and exclusion of affiliated institutions.
- Thomson Reuters is the leading expert in the use of bibliometric data and we are confident of our ability to provide a fair and balanced view of each institution’s research outputs

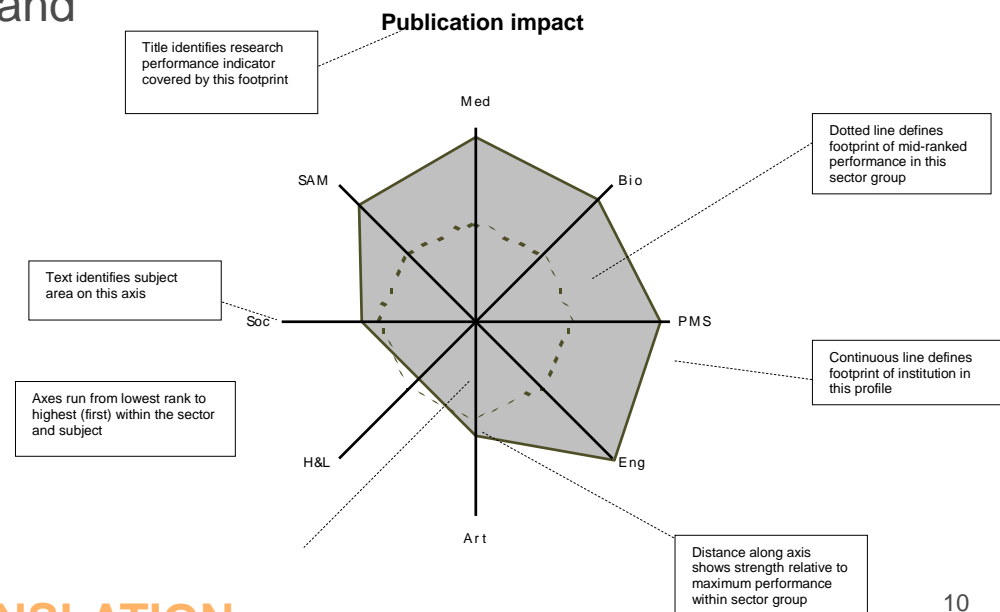


DATA VALIDATION & INTERPRETATION

- Four main categories of information:
 - Descriptive information Academic Reputational Survey
 - Quantitative data Bibliometric indicators
- Data needs to be
 - Validated to make sure it is accurate and complete.
 - Scaled to account for the sizes of institutions
 - Normalized to create comparability across data types and subjects
 - Weighted and integrated
- Each fields has different characteristics
 - Engineers: extensive conference proceedings; cite less than scientists
 - Social sciences: relatively sparse research funding
- We will acquire the information to make fairer comparisons between institutions and regions

PROFILES PROJECT – DATA DELIVERY

- Thomson Reuters will use the Global Institutional Profiles to extend our research evaluation products and services.
- We will create detailed profiles to support strategic management and decision making
- These data will be enhanced with benchmarking, normalization and visualization to make easy comparisons





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