



Compare universities your way: U-Multirank and its uses for institutional management

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www.umultirank.org



Agenda



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Agenda

Part One



U-Multirank – why and how



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Why U-Multirank?



U-Multirank provides information
for diverse needs (informed decisions),
e.g. choosing study programmes, strategic planning

Dr. José Joaquín Brunner, Director Cátedra UNESCO de
Políticas Comparadas de Educación Superior, Chile,

***“U-Multirank is a great instrument for students, faculty,
the public and policy makers.”***



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Why U-Multirank?



U-Multirank makes performance transparent
beyond the research function of the university
(5 dimensions)

Fernando M. Galán, Vice-Chairperson of the European Students Union (ESU)

“U-Multirank will be an extremely useful tool for students all over the world, being the first global ranking that includes in a serious manner the teaching and learning dimension.”



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U-Multirank – how?



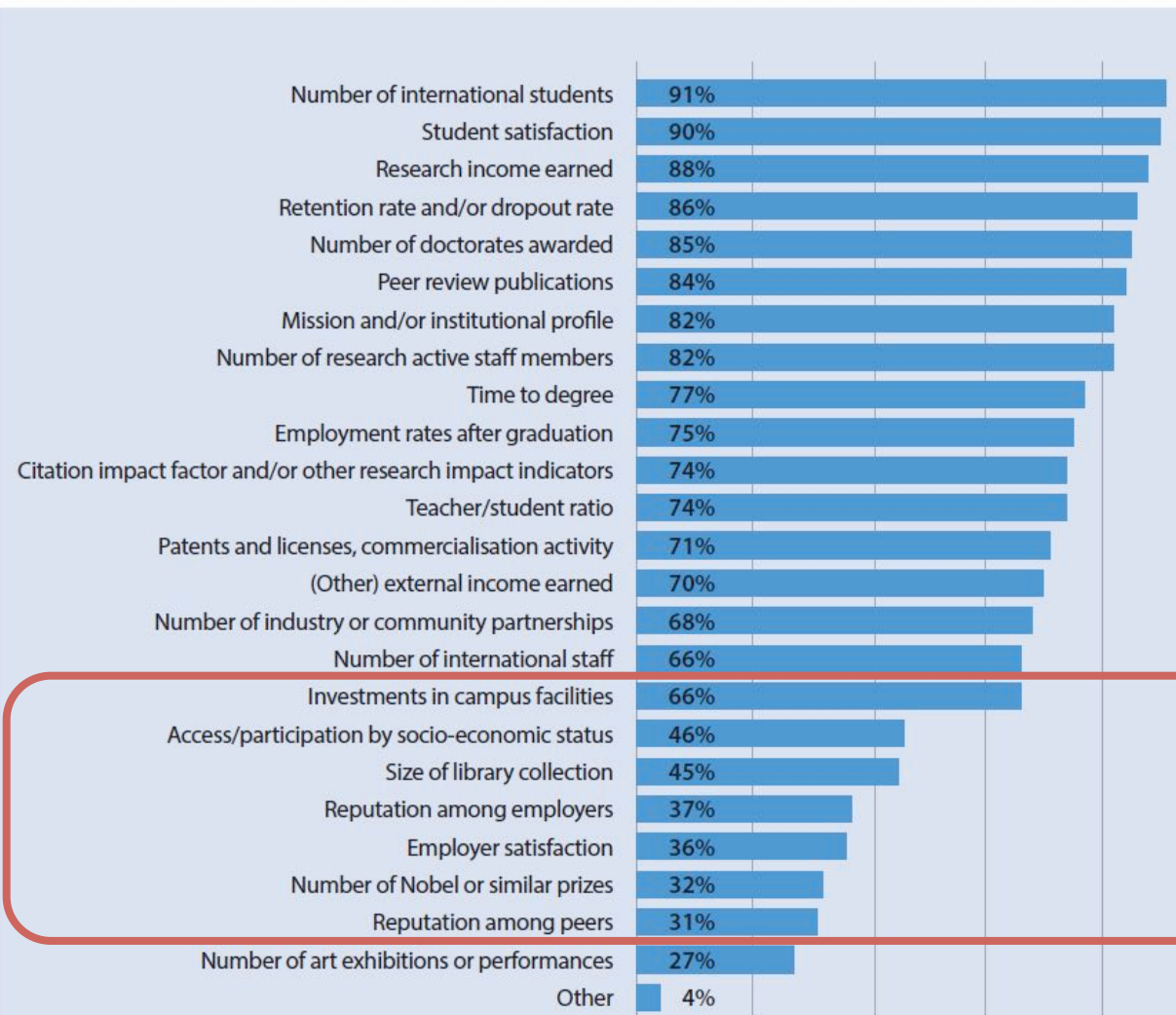
The basic principles:
multi-dimensional (without composite scores),
user driven,
multi-level (incl. field-based rankings)

Professor Sir Howard Newby, former Vice-Chancellor, University of Liverpool, UK,
“U-Multirank provides an elegant solution to a problem which undermines conventional rankings. It does not seek to weight different activities of a university but allows users to devise their own ranking according to what they believe is important.”



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U-Multirank's indicators address universities' needs



Source: EUA RISP-study

In the framework of your strategic planning and international monitoring of activities, does your institution pay special attention to the following?

Not covered by U-Multirank

N = 171. The results do not add up to 100% as respondents to this question could indicate multiple replies.

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Part Two

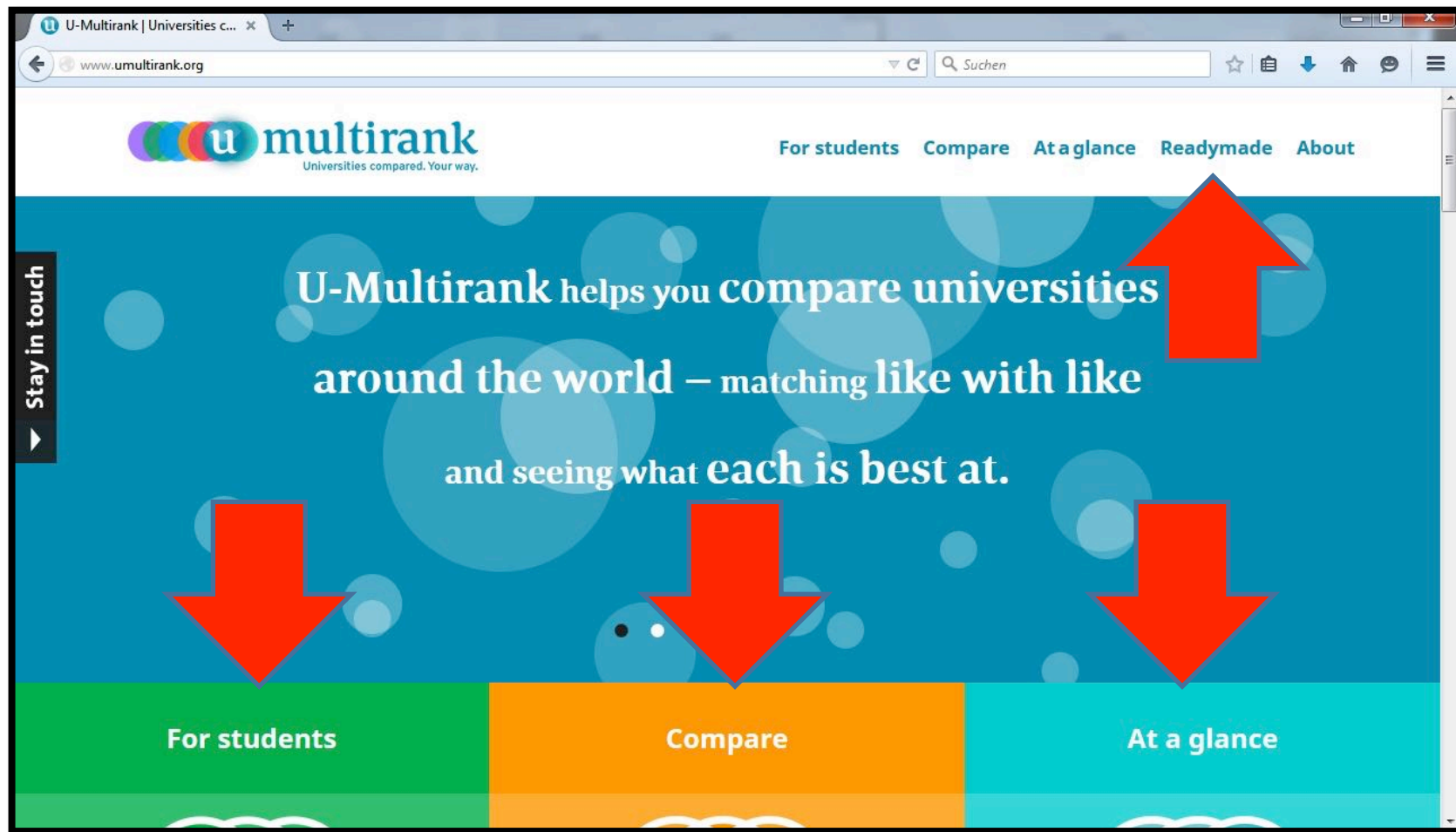


The web tool



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The web tool offers four access points for different needs



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Default tables offer a selection of indicators

Teaching & Learning			
Bachelor graduation rate	Masters graduation rate	Graduating on time (bachelors)	Graduating on time (masters)

Research		
Citation rate	Research publications (size-normalised)	External research income

Knowledge Transfer			
Co-publications with industrial partners	Income from private sources	Patents awarded (size-normalised)	Publications cited in patents

International Orientation	
Student mobility	International joint publications

Regional Engagement		
Bachelor graduates working in the region	Regional joint publications	Income from regional sources

This is the default for the “compare track” – overview of all dimensions (“student track”: default focuses on teaching and related issues)



More internationalisation indicators

International Orientation

Select all

Institution as a whole

- ☐ Foreign language bachelor programmes
- ☐ Foreign language master programmes
- ☒ Student mobility
- ☐ International academic staff
- ☒ International joint publications
- ☐ International doctorate degrees

Institution as a whole	Field-level, specific
Student mobility	International joint publications

Field-level, specific

International Orientation

Select all

- ☒ International orientation of bachelor programmes
- ☐ International orientation of master programmes
- ☐ Opportunities to study abroad
- ☐ International doctorate degrees
- ☒ International joint publications
- ☒ International research grants



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Comparisons are made using 5 performance groups

U-Multirank | Universities c... x +

www.umultirank.org/#/compare?trackType=compare&signtMode=undefined§ion=compareRanking&institutionalField=true&pref-4=1&pref-4

Suchen

5 University comparison

Your selection: 1210 universities

Show choices

Change measures

Show symbols

Show the whole table

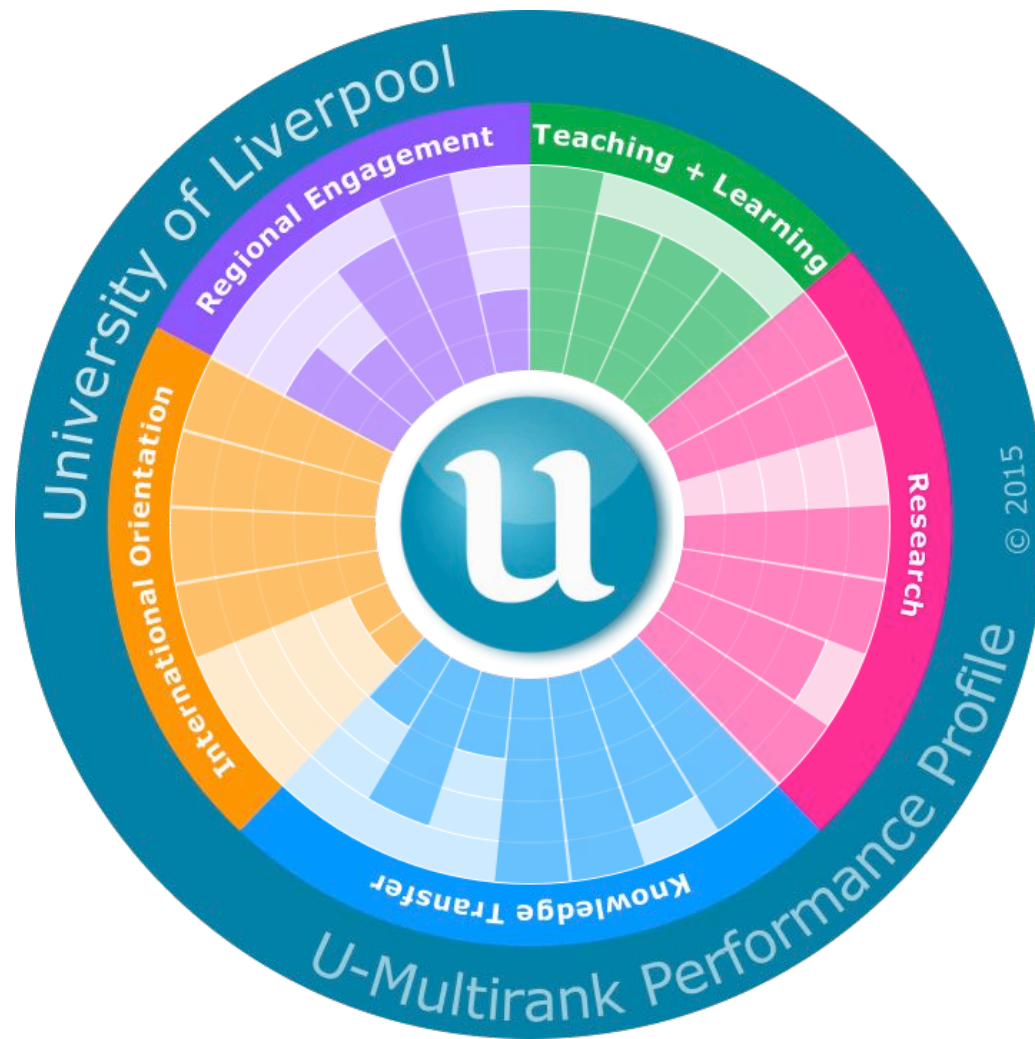
★ Show favourites only

		Teaching & Learning				Research			Knowledge Transfer			
		Bachelor graduation rate	Masters graduation rate	Graduating on time (bachelors)	Graduating on time (masters)	Citation rate	Research publications (size-normalised)	External research income	Co-publications with industrial partners	Income from private sources	Patents awarded (size-normalised)	Publications cited in patents
★	Newcastle U (UK)	UK	A	B	A	A	A	A	A	A	A	A
★	Catholic U Louvain	BE	C	B	D	B	A	A	A	A	A	A
★	Erasmus U Rotterdam	NL	A	-	C	C	A	A	A	A	A	A
★	Lomonosow Moscow State U	RU	A	A	A	A	D	A	A	D	A	D
★	Wageningen U	NL	A	B	D	D	A	A	A	A	A	A
★	U College Cork	IE	A	C	-	A	A	A	A	-	A	A
★	U Mons	BE	C	B	C	B	A	A	A	A	A	A

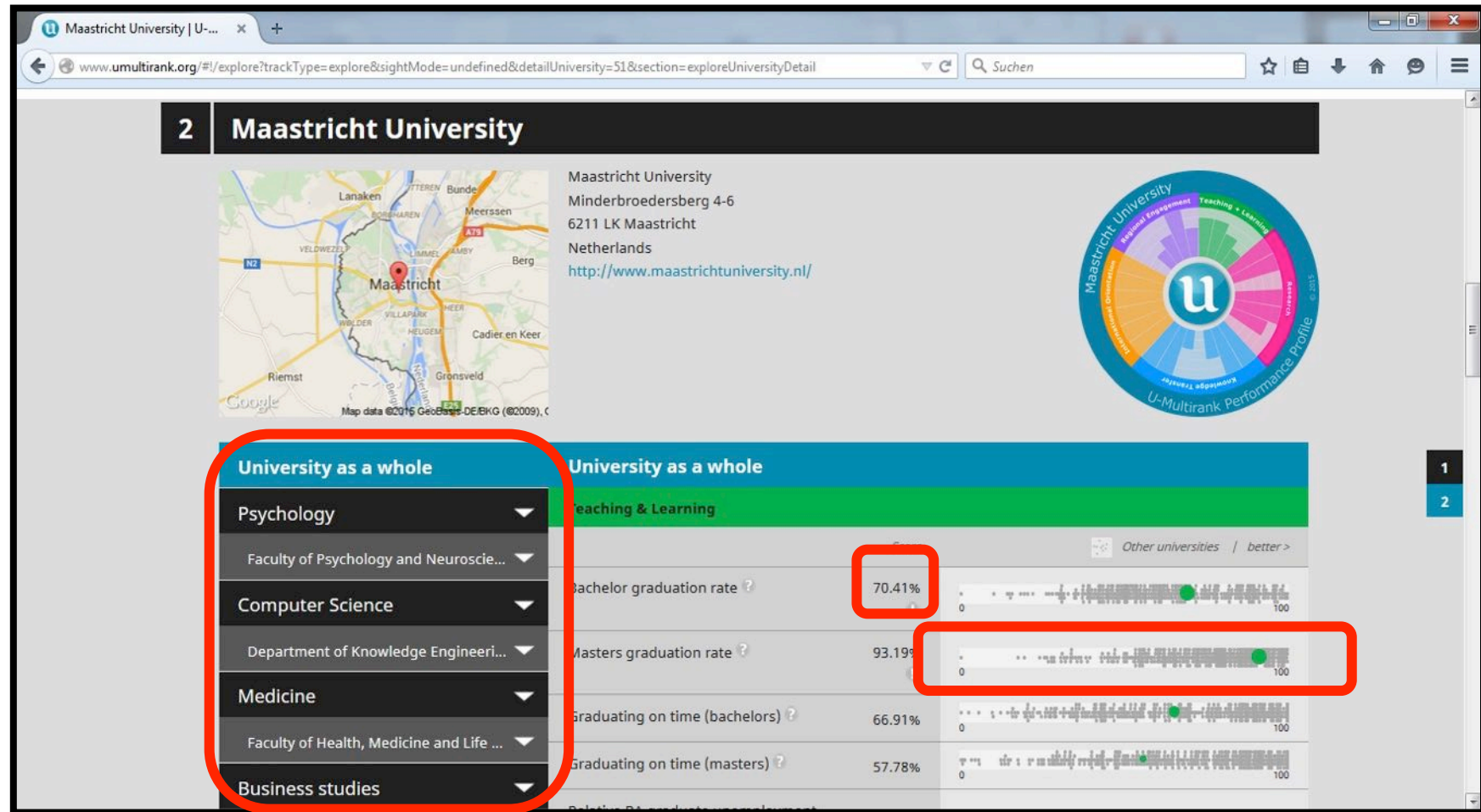
PDF export Latest update: April 2015

● A (Very good) ● B (Good) ● C (Average) ● D (Below average) ● E (Weak) - Data unavailable x Not applicable

The web tool allows
snapshot performance
overviews



The web tool allows you to see specific details



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Part Three



U-Multirank 2015



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U-Multirank 2015 gives the most comprehensive international data comparison in higher education



➤ 1,200

universities are included with publicly available data

➤ 80

countries have universities in U-Multirank

➤ 670

of the 1,200 universities have provided comprehensive data

➤ 1,800

faculties/departments are included in the 7 field-based rankings (psychology, medicine, computer science, physics, electrical and mechanical engineering, business studies)

➤ 7,500

study programmes within these faculties are included

➤ 85,000

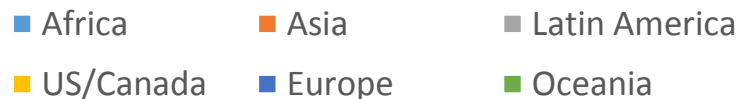
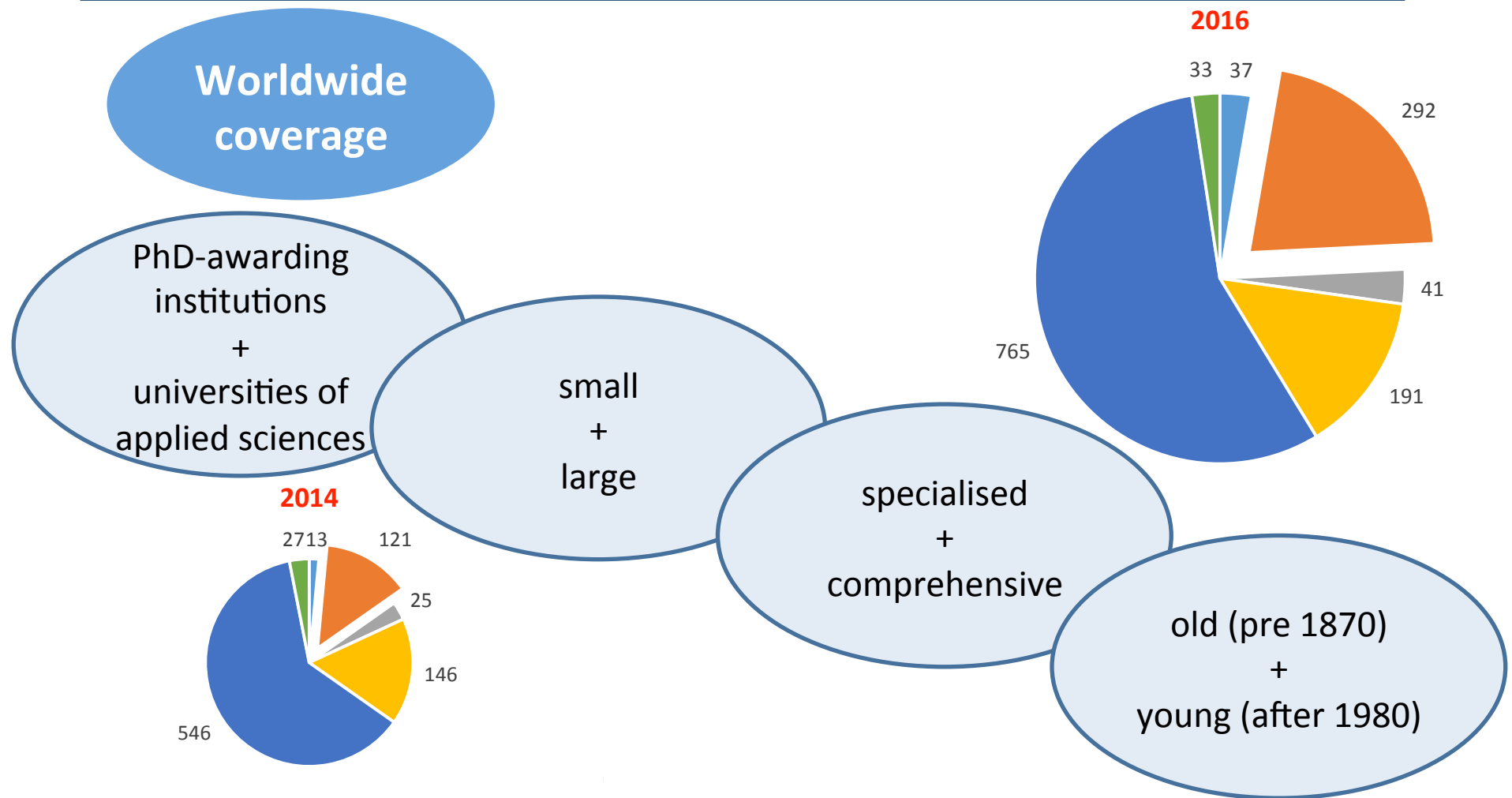
students completed the student satisfaction survey

Alex Usher, President of Higher Education Strategy Associates (HESA), Canada
“U-Multirank is the most global, most diverse and least reductive ranking ever.”



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U-Multirank offers a global view of a large variety of university profiles



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U-Multirank shows a wide distribution of “A” scores



some univs. with
no “A” scores

“A” scores per
univ.

% of univs.

Many univs. have
specific strengths

No univ. has
“across the board”
“A” scores

0

8 %

1 to 5

50 %

6 to 9

31 %

10 or more

12 %

Nearly 150 univs.
have a wide range
(10 or more)
“A” scores

On individual indicators performance
differences between univs. are clearly
visible

Of the nearly 150 universities with 10
or more “A” scores, more than 40 do
not appear in the other 3 global
rankings (ARWU, QS and THE)

Tom Boland, Chief Executive of the Higher Education Authority, Ireland,
“U-Multirank demonstrates very well that different universities have different kinds of strengths.”



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The highest scoring universities per indicator are diverse



Indicator (examples)	Top Scoring University
Citation rate	Rockefeller University (US)
No. of research publications	Harvard University (US)
Share of co-public. with industrial partners	UAS Reutlingen (GER)
No. of patents awarded	MIT (US)
Student mobility	IESEG School of Management Lille (F)
Internat. joint publications	UAS Wiener Neustadt (A)
Income from private sources	ESSEC Business School Cergy (F)



The “world’s top 100 universities overall”?



- U-Multirank demonstrates the diversity of university profiles in the international context
- The findings indicate that it is not possible to meaningfully identify “the world’s top 100 or 200 universities overall”
- U-Multirank identifies the top performers – but these are different depending on the indicator
- U-Multirank is a flexible tool where students, parents, academics, policy-makers, administrators, etc., can find information to support decision-making

Dr. Simon Marginson, Professor of International Higher Education at the
UCL Institute of Education, University College, London,

“U-Multirank is a vital corrective to the ‘football league mentality’ that has crept into higher education.”



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Part Four



U-Multirank's uses for institutional management



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U-Multirank is a web tool and not a single table



Intention of U-Multirank: evidence-based decisions
Our core mission is to be relevant for institutional management
(and for student choices, etc...)

Under-
stand
com-
petitors

Demon-
strate
profile

Measure
strategy

Realise
SWOT

Better
under-
standing
of data

Find
bench-
marking
partners

Realise
bench-
marking

Support
student
recruit-
ment

Create
marke-
ting mes-
sages

Support
target
agree-
ments

....



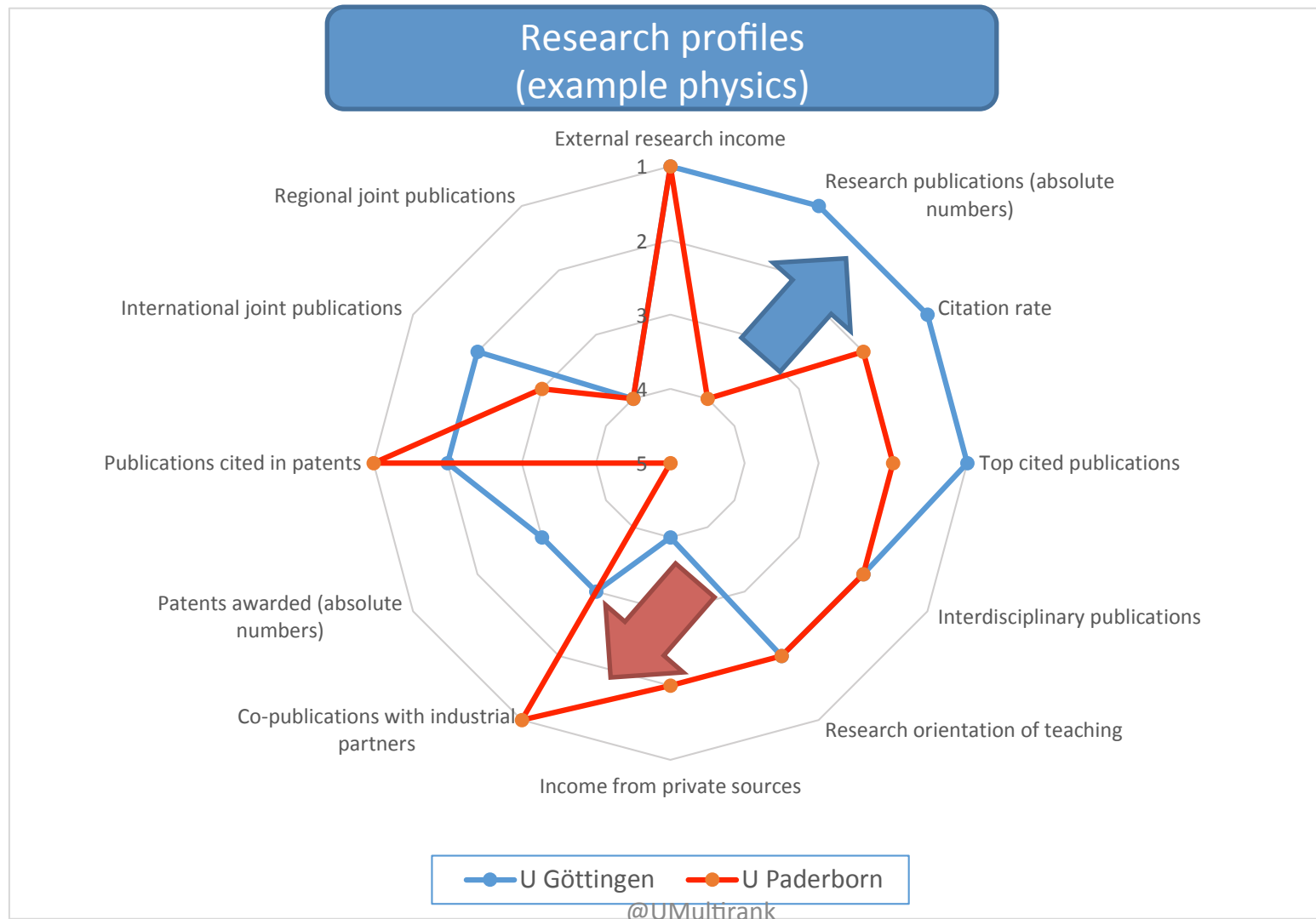
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Example 1

U-Multirank could be used to clarify an
institutional strategy
that is distinctive from others
Example: strategy of applied research



Example 1



Example 2

U-Multirank could be used
for a SWOT-analysis
as starting point for internal discussions
about quality enhancement



Example 2

Example Panthéon-Sorbonne U, computer sciences, teaching dimension:
good outcomes, except rooms and IT facilities –a very specific weakness!

Based on student survey: each indicator consists of several items assessed by students

Participating universities get all detailed information for internal use

Example: organisation of study programme

How would you evaluate the organisation of the programme and of examinations?

	very good					very poor	not applicable
Transparency of entrance requirements/admission regulations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feasibility of study programme (graduating within the norm period)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to classes (no waiting lists, no overlaps in time)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Timing of courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Completeness of offered courses compared to the study guide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adjustment of course content to examination subjects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transparency of the examination system (e.g. criteria, procedures)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feedback on my work by teachers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Matching of course contents within a programme module	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Existing institutional student surveys: combine with U-Multirank?



Example 5



U-Multirank could be used for benchmarking



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Example 5



- U-Multirank can be used for benchmarking by:
 - Informal groups of universities, mutually agreeing to exchange data
 - Formal associations of institutions with participating members
- U-Multirank is used for benchmarking by CESAER (group of leading European technical universities; 50 members from 24 countries)
 - Provision of complete U-Multirank indicator data
 - Potential additional analysis & indicators:
 - e.g., normalisation by income instead of *fte* academic staff, to measure efficiency
 - New on-demand indicators which could be calculated out of data
 - Special graphical presentation of data



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Part Five

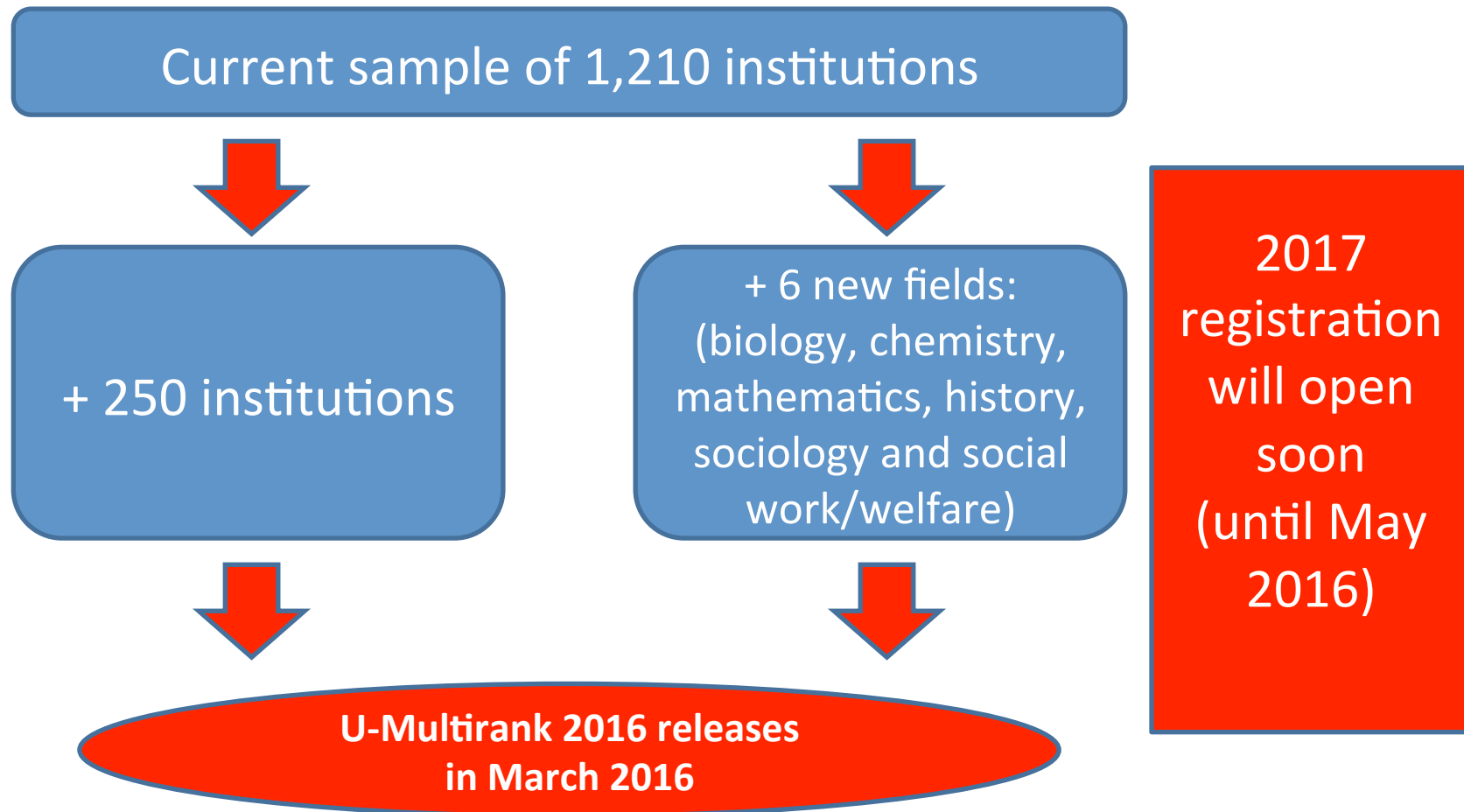


What is to come?



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U-Multirank will again be extended in 2016



What does participation entail?

- We ask for participation in data collection
 - Institutional data – including profile indicators
 - Field-based data
 - Student survey
- In addition we will use publicly available data from other sources
 - Bibliometric data
 - Patent data
 - National data if available (e.g. Norwegian student survey)
- No monetary costs to participate



The current project will last
up to four years



The European Commission gives seed
money to a new, innovative initiative

U-Multirank is not a political instrument,
it will never be an official EC/EU ranking



After 4 years it needs a governance and
funding structure.
The project team is working on non-profit,
open access solutions.



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