U-Multirank – The implementation of a multidimensional international ranking

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Basic facts about U-Multirank

The benefits of U-Multirank

Activities and next steps



What are the distinctive features of U-Multirank?

- Multidimensional ranking Going beyond the traditional focus on research excellence
 - Five dimensions: teaching & learning, research, knowledge transfer, international orientation, regional engagement
 - No composite indicators, no pre-defined weights on individual indicators, single ranking for each indicator
- User-driven ranking
 - Personalised ranking allows users to rank by their own preferences and priorities on dimensions and indicators ("democratised" approach)
 - flexible web tool



What are the distinctive features of U-Multirank?

- Comparing like with like
 - Link to mapping indicators allowing identification of institutions with similar institutional profiles
- Multi-level ranking
 - Combining institutional ranking (whole institutions) and field-based rankings (start with: electrical and mechanical engineering, business studies, physics)
- Stakeholder-oriented processes
 - Intensive inclusion of stakeholders in development and continuous refinement of U-Multirank



- EUA-report: This is something very different
- but it is still a vertical order
- We stay in the ranking terminology to question the traditional rankings explicitly
- marketing and communication will make clear the difference (for example we consider a tagline as part of the logo incl. "comparison")



Teaching and Learning		
	Institutional ranking	Field-based ranking
Student-staff-ratio		•
 Graduation rate (BA and - separately - MA) 	•	•
 Percentage of academic staff with PhD 		•
Percentage of students graduating within	•	•
normative period (BA and –separately - MA)		
Rate of graduate employment	•	•
Inclusion of work experience in degree		•
programme		



Teaching and Learning – Student Satisfaction Indicators

	Institutional ranking	Field-based ranking
Overall learning experience		٠
Quality of courses & teaching		•
 Organisation of the programme 		•
Contact to teachers		•
Social climate		•
• Facilities (libraries, laboratories, rooms, IT)		•
Research orientation of teaching /programme		•
Inclusion of work experience /practical elements		•



Research		
	Institutional ranking	Field-based ranking
• External research income (per fte academic staff)	•	٠
Doctorate productivity		\bullet
 Total research publication output (per fte academic staff)* 	•	•
Art related output	•	
 Field-normalised citation rate* 	•	•
 Highly cited research publications * 	•	•
 Interdisciplinary research publications* 	•	•
Research orientation of teaching (student survey))	•
Number of post-doc positions	•	
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Knowledge Transfer

	Institutional ranking	Field-based ranking
 Income from private sources (service contracts, consultancies, licenses, royalties, trials, etc.) 	•	•
 Joint research publications with industry* 	•	•
 Patents (per fte academic staff) 	•	•
• Co-patents with industry (per fte academic staff)	•	•
 Number of spin-offs (average over three year period) 	٠	
 Patent citations to research publications* 	•	•
 Revenues from Continuous Professional Development 	•	
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 Educational programmes (BA/MA) in foreign 	nstitutional ranking	Field-based ranking
 Educational programmes (BA/MA) in foreign 		
	•	
language		
International orientation of degree programmes		•
 Opportunities to study abroad (student survey) 		•
• Student mobility (composite of incoming,	•	•
outgoing, joint degree students)		
 Percentage of international academic staff 	•	•
 Percentage of PhDs awarded to foreign students 	•	•
International joint research publications*	•	•
International research grants		•



Regional Engagement		
	Institutional ranking	Field-based ranking
 Percentage of graduates working in the region 	٠	•
Student internships in regional enterprises	\bullet	•
• Degree theses in cooperation with regional industry		•
 Regional joint research publications* 	•	•
Income from regional sources	٠	•



U-Multirank is done by a consortium of partners combining different functions and expertise

Coordination/lead and rankings

- CHE Centre for Higher Education
- **CHEPS** Center for Higher Education Policy Studies

• Partners

•Data collection: CWTS Center for Science and Tehnology Studies, U Leiden, Incentim: International Centre for Research on Entrepreneurship, Technology and Innovation Management, KU Leuven, Benedetto Lepori, University Lugano

- Web tool experts: folge3, Johnny Rich (Push)
- Business Model: Elsevier, Bertelsmann Foundation

• Associate partners

- •National rankings: OST (France); Perspektywy (Poland),
 - Fundación CYD (Spain)

•Stakeholder Organisations: Business Europe, ESU, CESAER, IRUN, UASNet





Why another ranking ?

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U-Multirank provides specific benefits to participating institutions

Basic benefits

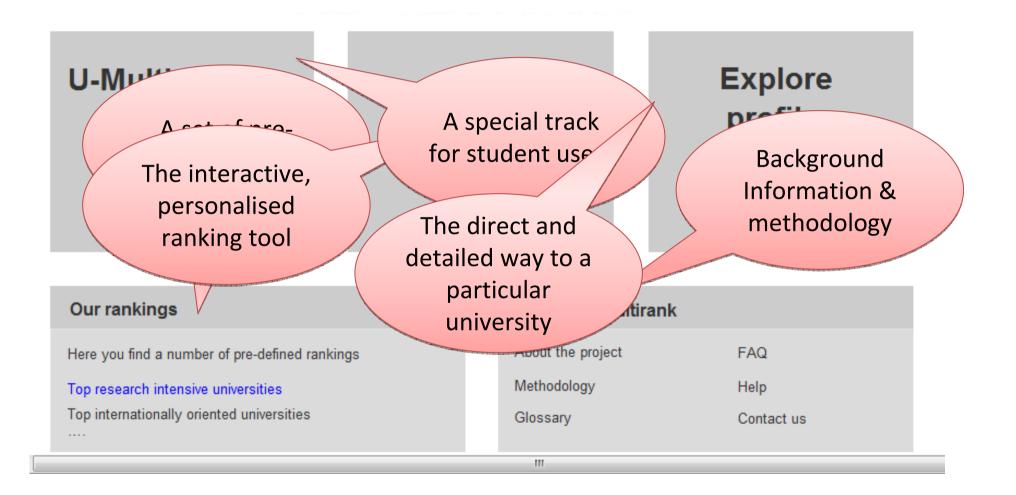
- visibility of institutions with different profiles to mobile students
- visibility of specific profiles: tool to look for "similar" institutions
- comparison of performance with like
- allowing differentiated internal SW-analysis, evidence-based internal discussions both on institutional and on filed level
- Detailed comparative analysis of own student survey (e.g. student survey)

Option to support benchmarking networks

- Either for informal networks or organisations
- Multi-level: institutional and fields
- Perspective: Protected area in website



Benefits of the web tool: The basic features





... to identify first a sample of comparable institutions the user can ...

255 universities match your criteria

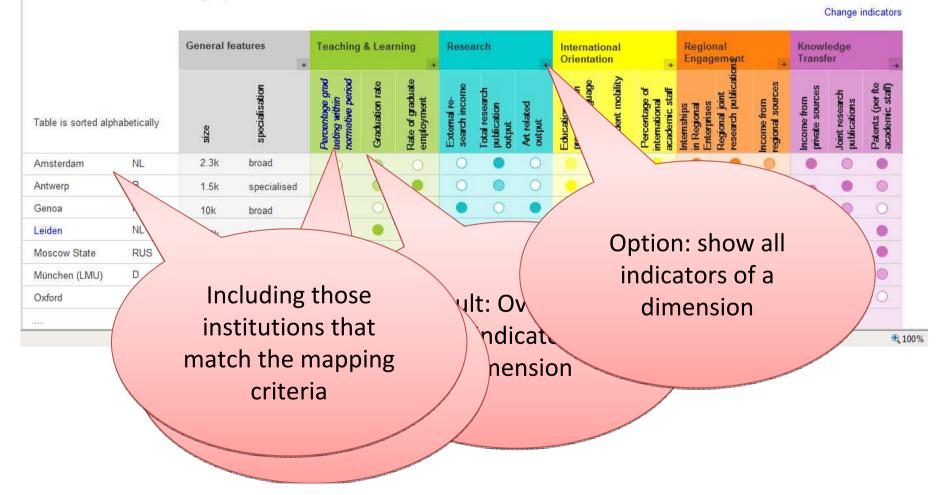
Teaching & Learning [hide]		
Scope	comprehensive broad speci	alised none
Highest degree awarded	Doctorate Master Bachelor	
Research [hide]		
Academic research publication	high medium low	Select an institutional
PhDs awarded	yes no	profile which defines
International Orientation [hide] Percentage international academic staff Foreign degree seeking students	high medium low high medium low	the sample of institutions to be compared
Regional Engagement [hide]		
New students from the region	many medium few	
Knowledge Transfer [hide]		
Income from knowledge transfer	high medium low	
Patents	many medium few	

...leads to a ranking comparing like with like

> Institutional Ranking

Compare universities

Performance of universities that match your profile



Alternatively the user can start from the profile of a *particular* university

Select or Search a university

A-J K-S T-Z	
Amsterdam	NL
Antwerp	В
Genoa	I.
Leiden	NL
Moscow State	RUS
München (LMU)	D
Oxford	GB

Search		
Enter text		
	Search	

Alternatively the user can start from the profile of a particular university

Compare University of Leiden to similar universities

The properties of your selected institution are highlighted. You can set certain indicators to be ignored. Afterwards you can compare the selected institution with all those that match its profile.

Teaching & Learning			
Subject areas covered	comprehensive broad specialised none	ignore this	
Degree level focus	Doctorate Master Bachelor 📄 ignore this		
Orientation of degree	general from hative focus licensed/regulated professional orientation other career oriented focus mixed focus	ignore this	
Expenditure on teaching	<pre> substantial some none </pre>	ignore this	
Knowledge The empirical profile information of this particular university	Option to ignore a characteristic in defining similar institutions	 ignore this ignore this ignore this ignore this ignore this 	

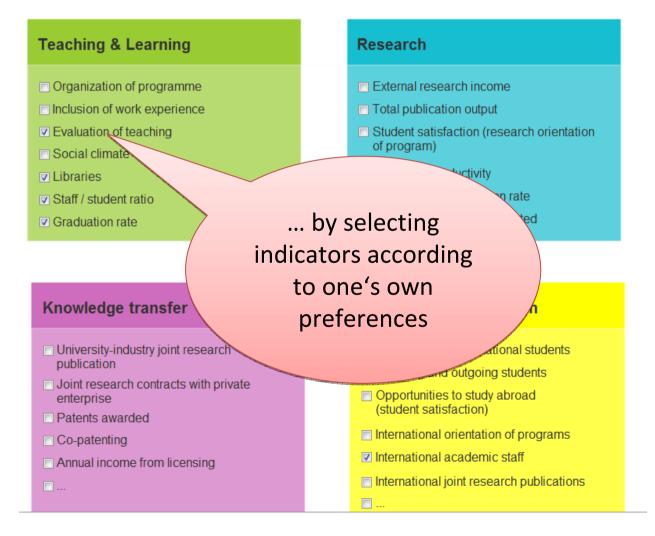
...leads again to a ranking comparing like with like

Compare universities to University of Leiden List of universities that match the profile of University of Leiden Knowledge Regional International Teaching & Learning Research Orientation transfer Engagement orientation of program nternshi ps in regional enterprises Indicator 3 is on two lines Indicator 3 is on two lines **Overal** learning Graduation rate lesearch one chung Indicator 2 two lines Induai on of experintermationa experience calor 3 Indicator 2 two lines dicator 2 Calify Leiden Amsterdam 0 Antwerp Setting the selected Genoa ame Lüneburg university as the before 0 Moscow State point of reference

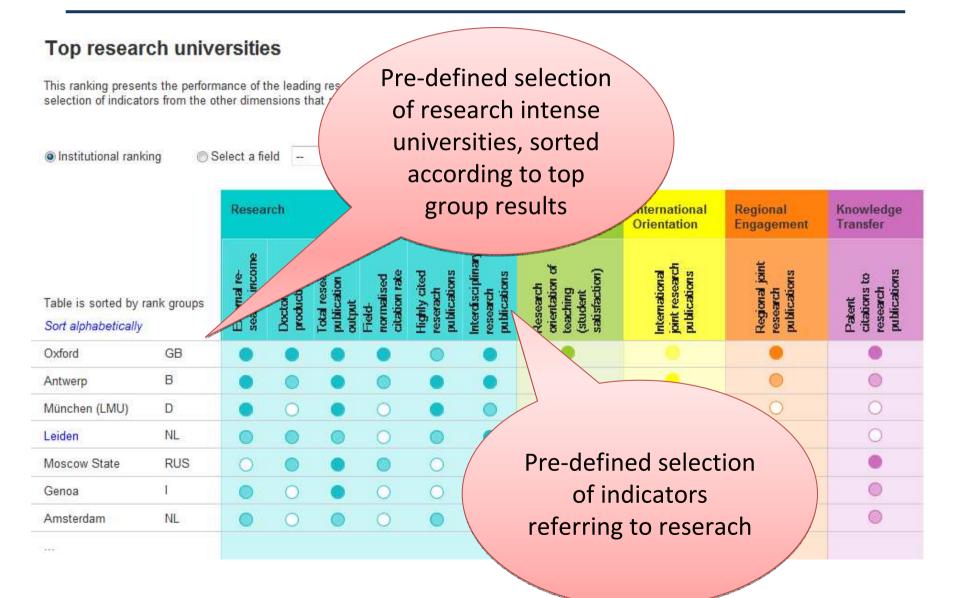
In all tracks there is the option to personalise the ranking

Change indicators

You can select up to 10 indicators. The indicators are grouped in 5 dimensions.



The pre-defined ranking on research intense universities



What does participation demand from universities?

There are no fees for participation!

Participation in data collection

- Institutional data including profile indicators
- Field-based data
- Participation in student survey

Other data are from other sources

- Bibliometric data / indicators
- Patent data





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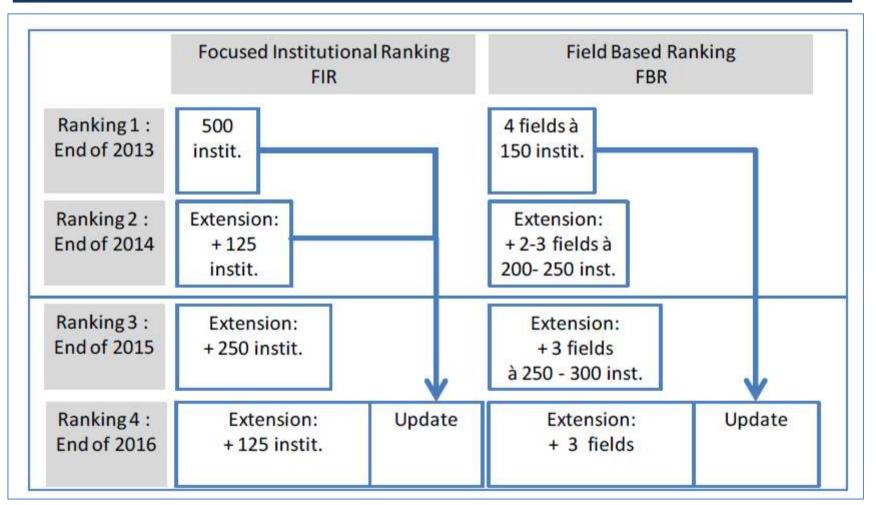


The first ranking: 2014

- A first ranking to be published in early 2014
- Institutional ranking of whole institutions
- and rankings for four academic *fields*
 - Mechanical engineering
 - Electrical engineering/information technology
 - Business/management
 - Physics
- Coverage: minimum of 500 institutions



U-Multirank will be gradually extended: the number of institutions



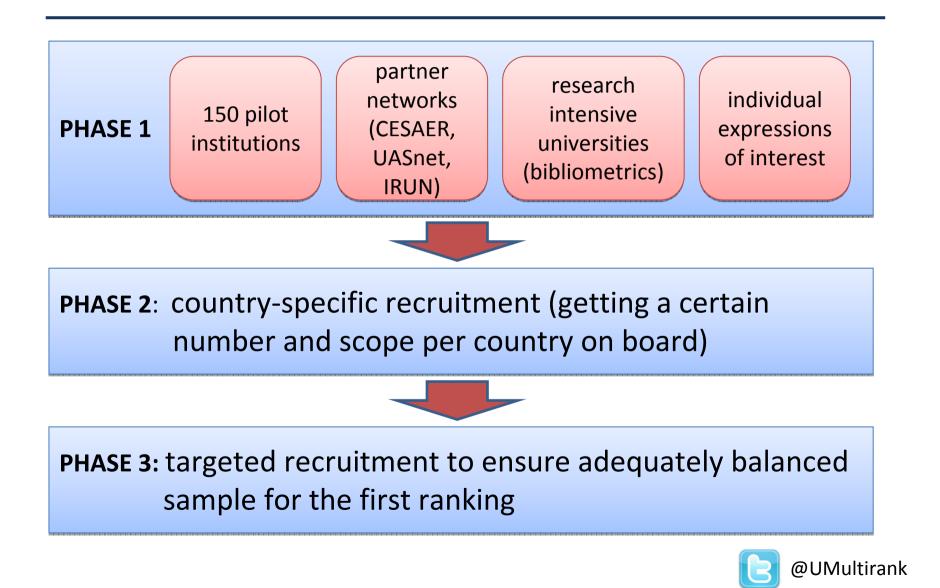


U-Multirank will be gradually extended: the number of fields

Project phase 1		Project phase 2		Post project phase
2014	2015	2016 I	2017 II	2018 III
Business	Computer Science /IT	Sciences	Social sciences	Engineering & technology
Mechanical engineering	Sociology	Mathematics	Business	Civil engineering
Electrical Engineering	Psychology	Physcis	Sociology	Mechanical engineerin
Physcis	Music	Chemistry	Political Science	Electrical Engineering
	Social Work	Biology	Law	Process Engineering
			Services	Computer Science /IT
		Health/life sciences	Education / welfare	Arts & humanities
		Medicine	Education	Music
		Psychology	Social Work	History
		Nursing		Linguistics (Languages
				Geography



The Recruitment of institutions (target: 500)



What will be the next steps?

Continuous communication & support

- detailed information about data collection process and schedule
- transparency about all steps and activities
- responsiveness channels

Data collection

- starting June 2013 (institutional and field-based data collection)
- student survey: students can be invited from June to November

(publication of first ranking: early 2014)

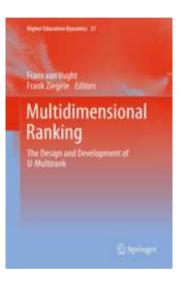


Information / Contact

• Information about U-Multirank

www.u-multirank.eu

• Final report of the feasibility study



http://ec.europa.eu/education/higher-education/doc/multirank_en.pdf

Contact/Expression of interest in participation

info@u-multirank.eu



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