U-Map

U-Multirank

University of São Paulo

Profile and Prospects

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Overview

- U-Map methodology & example
- U-Map Activity Profile for USP
- Next steps: USP, U-Map and U-Multirank?

Center for Higher Education Policy Studies (CHEPS)

http://www.utwente.nl/cheps

Policy-oriented research (basic + applied) and consultancy, and a bit of teaching (Public Admin/ European Studies)

Research themes:

- Governance, Quality, Management & Organisation, Funding of higher education
  - at the national/supranational/institutional/department levels

Academic staff: 12 fte

Total Revenues: about 2 m€

of which: 85% earned through market-oriented activities (research contracts & consultancies) for Ministries, Eur. Commission, research foundations, World Bank, universities, etc – from Europe and beyond (Africa, Asia, US, Australia)

U-Multirank

Rankings in higher education

- instruments to compare higher education institutions
- and to judge their relative position, usually in league tables
- based on the actual performance of these institutions
- Rise of global rankings (Sjanghai, Times Higher QS)
- New approach: U-Multirank

U-Multirank

Critique of existing rankings

- Aggregate performance into composite overall indicator
- Concentrate on 'traditional' research productivity and impact
- Focus on 'comprehensive research universities'
- Research data based on bibliometrics
  - Current databases imply cultural and language biases
  - bias against humanities and social sciences
- …

What is U-Map?

U-Map is an instrument that intends to show the **diversity** and enhance the **transparency** of the higher education landscape in the **European Higher Education Area** through the creation and publication of **institutional activity profiles**

Classifications in Higher Education

- Instruments to group higher education institutions
- and to characterize similarities and differences
- Example: Carnegie Classification (since 1973)
  - 'Label' (e.g. regionally engaged teaching-oriented HEI)
- based on the actual conditions and activities of institutions

Functions of U-Map

- A transparency tool for various stakeholders:
  - HEI's: instrument for institutional strategies (mission, profile)
  - Students: choices
  - Business and industry: partnership and relationships
  - Policy makers: base for governmental policies
  - Researchers and Analysts: tool for research
- Instrument for better ranking (e.g. U-Multirank)

Challenges for universities

- Increasing expectations → risk of 'mission overload'
- Global research competition → need for strategic research management
- Expansion of human capital formation → need to diversify educational provision

Institutional profiling

Institutional profiles

Crucial distinction:

- Activity profiles : descriptions of actual activities
- Performance profiles: evaluative presentations of actual performances

Profiles:

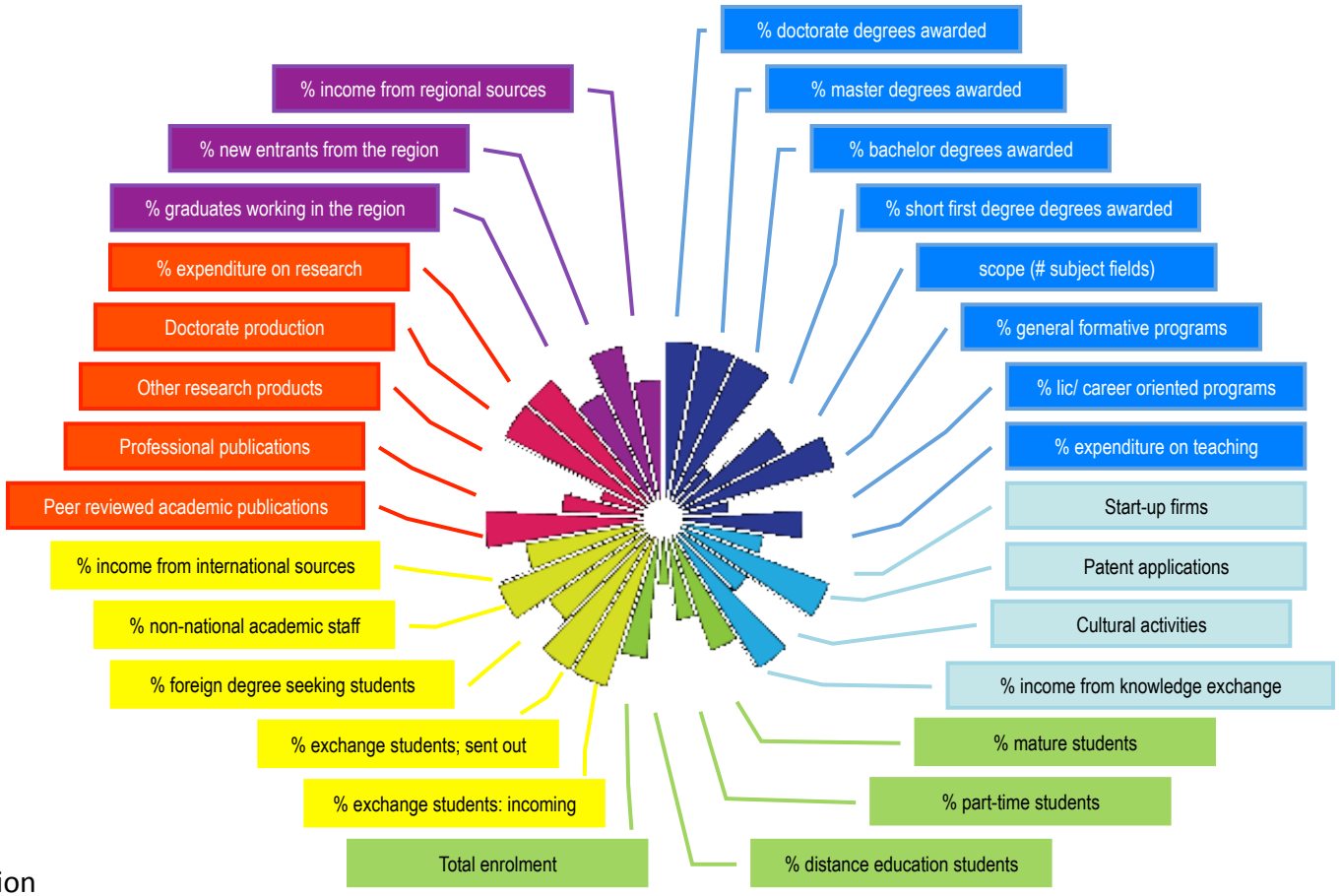
- Can have various dimensions
- Should reflect the mission of the institution

Institutional activity profiles

- Sets of scores on the dimensions and indicators
- Scores in four categories (*none, some, substantial, major*), or missing (no data available)
- Actual institutional activities, not performance

- Reference is the 'average' (EU) university in the sample
  - We have 350 in the data base = about 10-12% of all European higher education institutions

Institutional activity profiles



- Teaching and learning
- Knowledge transfer
- Student body
- International orientation
- Research involvement
- Regional engagement

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Institutional profiles: some remarks

- Flower, or sunburst chart
- Longer beams = more activity
- Does not express the quality or performance!
- Impossible to get all indicators ‘maximum’
- A missing beam means: data not available
- No hierarchy in colours
  (e.g. red is not better than yellow)

Institutional profiles: some remarks

- Is a snapshot picture, does not follow dynamics
- Needs to be interpreted within national context
- Set of standardised indicators permits benchmarking of local situation

Institutional profiles: some uses

- Information for external stakeholders
- Instrument for strategic institutional management
- Basis for benchmarking, for inter-institutional cooperation, for effective communication Strategic profiling

U-Map status

- 350 participating institutions
- Five national approaches
  - Netherlands *(sponsored by Dutch MoES)*
  - Portugal *(sponsored by EU LLL program)*
  - Estonia *(sponsored by EU LLL program)*
  - Flanders *(sponsored by Flemish MoES)*
  - Nordic countries: Denmark, Norway, Sweden, Finland, Iceland *(sponsored by Nordic Council of Ministers)*
- U-Multirank 1 & 2 *(commissioned by EC)*
- Open and password protected websites

And now … to USP!

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Universities in Latin America

The struggle to make the grade

If only more of the region's higher-education institutions were like the University of São Paulo

Oct 8th 2011 | SÃO PAULO | from the print edition

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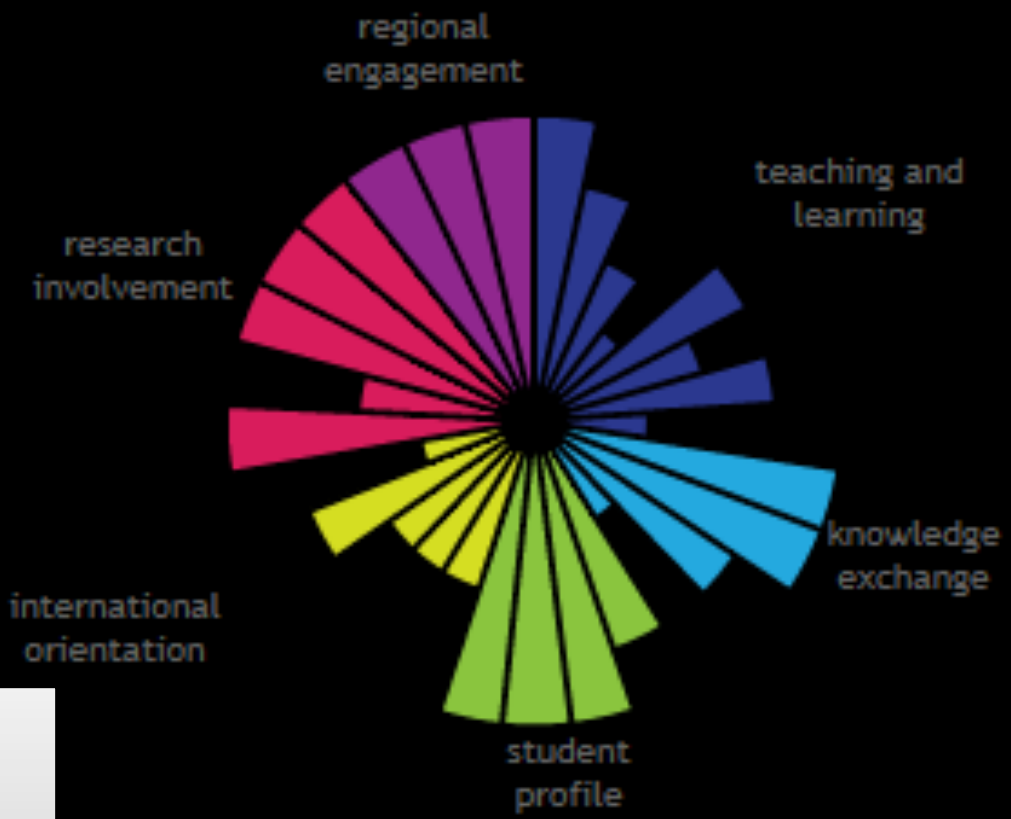
LATIN AMERICA boasts some giant universities and a few venerable ones: the University of Buenos Aires (UBA) and the National Autonomous University of Mexico (UNAM) enroll several hundred thousand students apiece, while Lima's San Marcos

Universidade de São Paulo



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USP indicator scores

Dimension: Teaching and Learning

1. Doctorate degrees awarded: 17%
2. Master degrees awarded: 26.3%
3. Bachelor degrees awarded: 56.7%
4. Short first degrees awarded: 0%
5. Range of subjects:
   Education: 2%; Humanities & Arts: 8,8%; Soc. Sciences, Law: 23,8%; Science: 20,4%; Engineering: 14,7%; Agriculture: 6,9%; Health: 21,7%; Personal Services: 1,9%
6. Orientation of degree; general formative: 14%
7. Licensed/regulated professions and other career oriented
   - Programs leading to licensed/ regulated professions: 67%
   - Other career oriented programs: 19%
8. Expenditure on teaching: 47%

Dimension Knowledge Exchange

9. Start-up firms: 11,7 (per 1000 fte)
10. Patent applications; 17.6 (per 1000 fte)
11. Cultural activities: 23,9
12. Income from knowledge exchange: in lowest quartile

USP indicator scores

Dimension Student Profile

13. Mature students: 27%
14. Part-time students: 41.6%
15. Distance education students: 0.4%
16. Total enrolment: 85,697

Dimension International Orientation

17. Exchange students; incoming: 1.1%
18. Exchange students; sent out: 1.4%
19. Foreign degree seeking students: 1.3%
20. Non-national academic staff: 5.8%
21. International income sources: in lowest quartile

USP indicator scores

Dimension Research Involvement	Dimension Regional Engagement
22. Peer reviewed academic publications per fte; 1,56	27. Graduates in the region: more than 75%
23. Professional publications: 0.27	28. New entrants from the region: 92%
24. Other research output: 0.12	29. Income from the region: 93%
25. Doctorate production: 0.41	
26. Expenditure on research: 45%	

U-Map website (old style)

U-Map

www.u-map.org

U-Map The European Classification of Higher Education Institutions.

Home | Regions | Finder & Viewer | News | About | Methodology | FAQ | Contact | Logout

Finder | Viewer | Clear selection

Search a University GO

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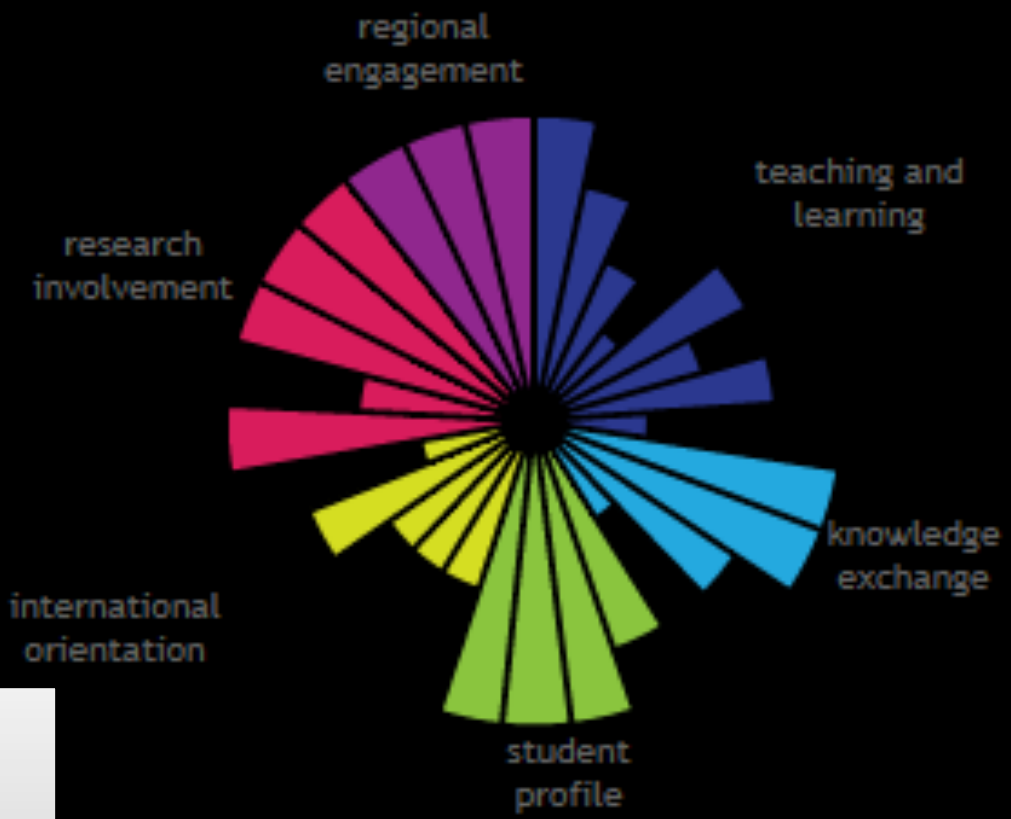

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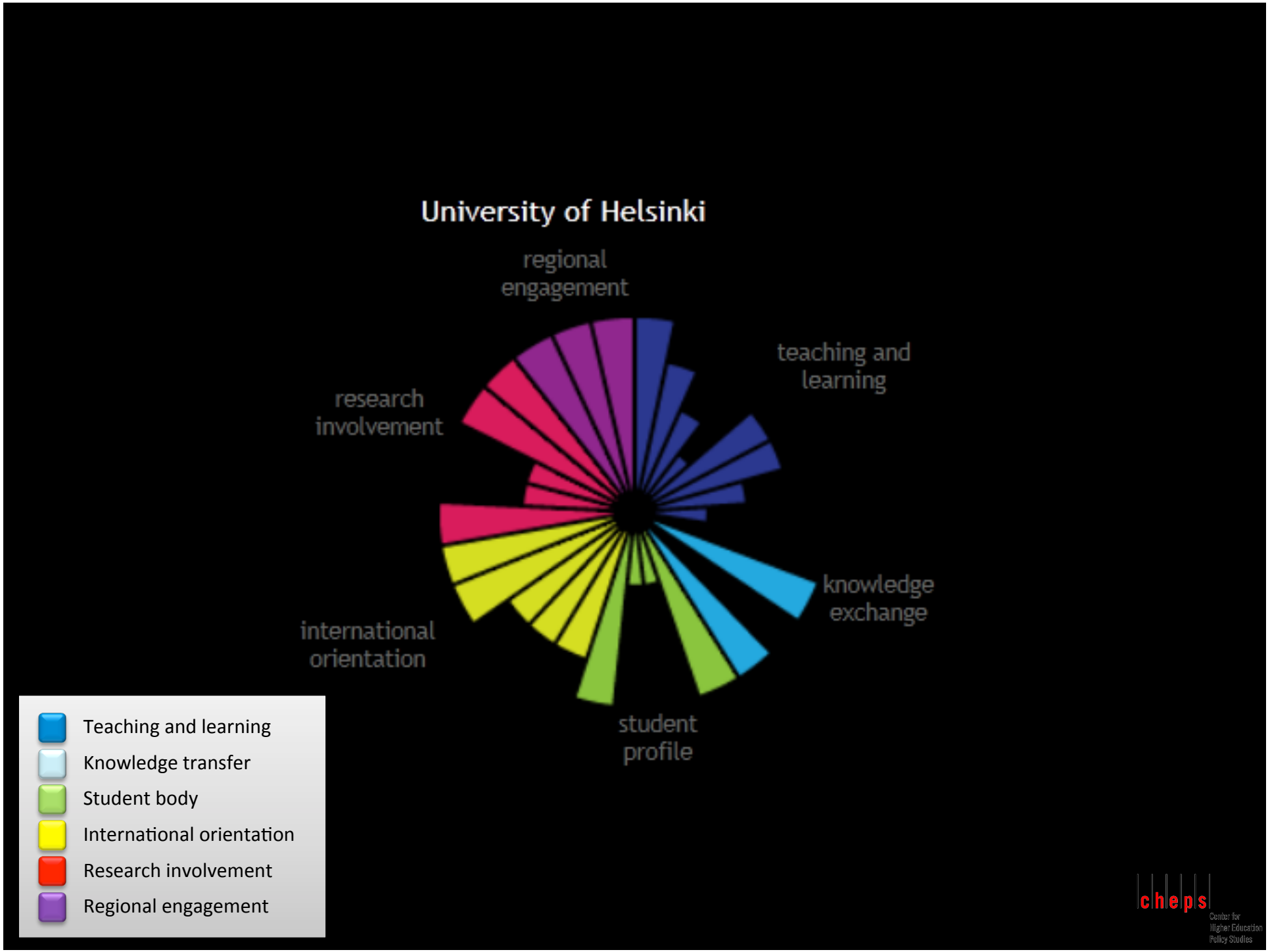
University of Helsinki
regional engagement
teaching and learning
research involvement
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Teaching and learning
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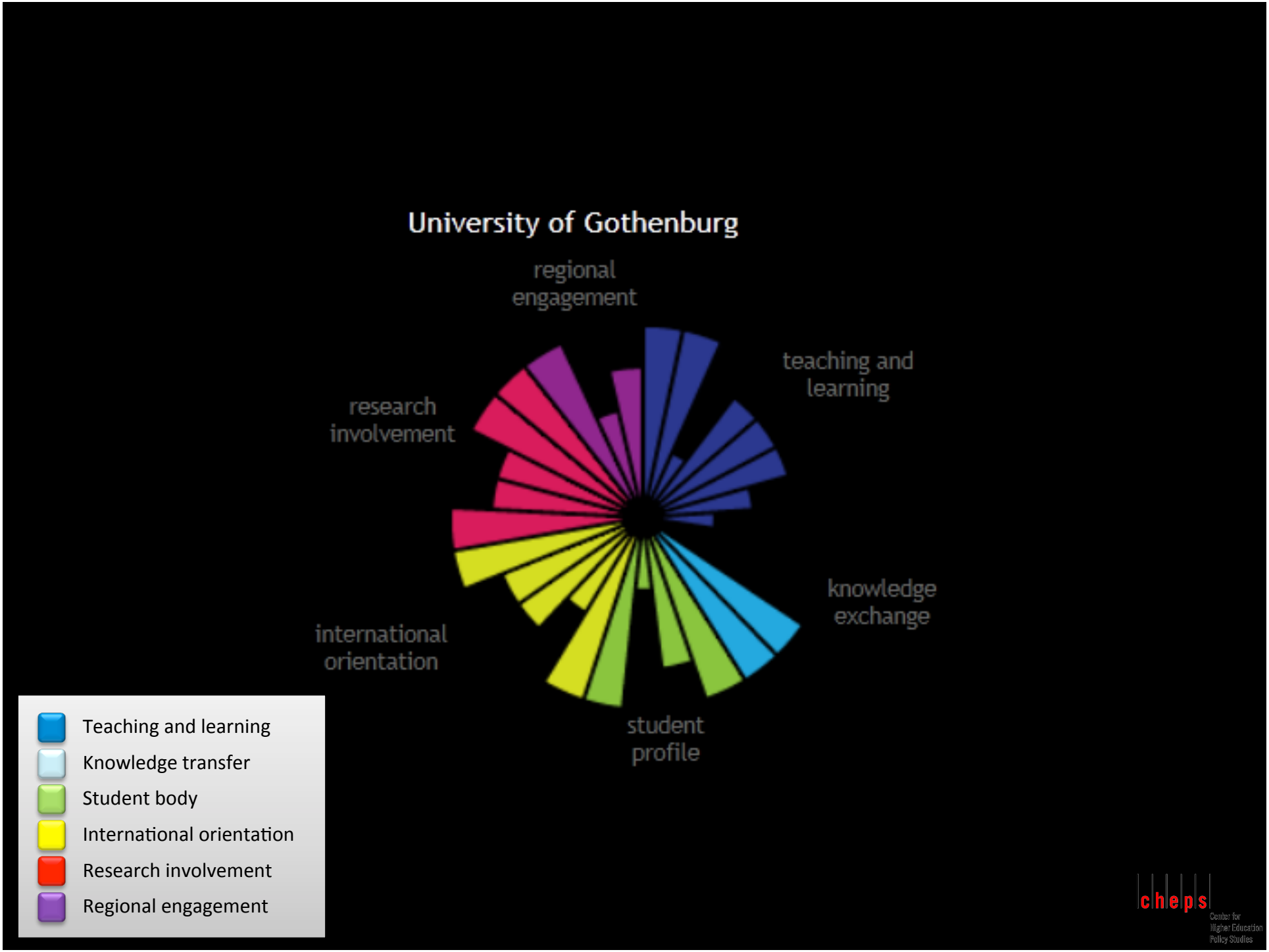
University of Gothenburg
regional engagement
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USP Next steps

- The U-Map profile is meant as input to the strategy discussion
- What could CHEPS contribute?
  - U-Map
    - activity profiles of different parts (campuses) of USP
    - Add more Brazilian universities to establish more local baseline
  - U-Multirank: How do USP's performances compare with other universities around the world?

U-Multirank

U-Multirank approach to ranking

U-Map → descriptive institutional profiles on six dimensions

U-Multirank → performance profiles *of each dimension*, no aggregated institutional rankings

to be called: Focused Institutional Rankings

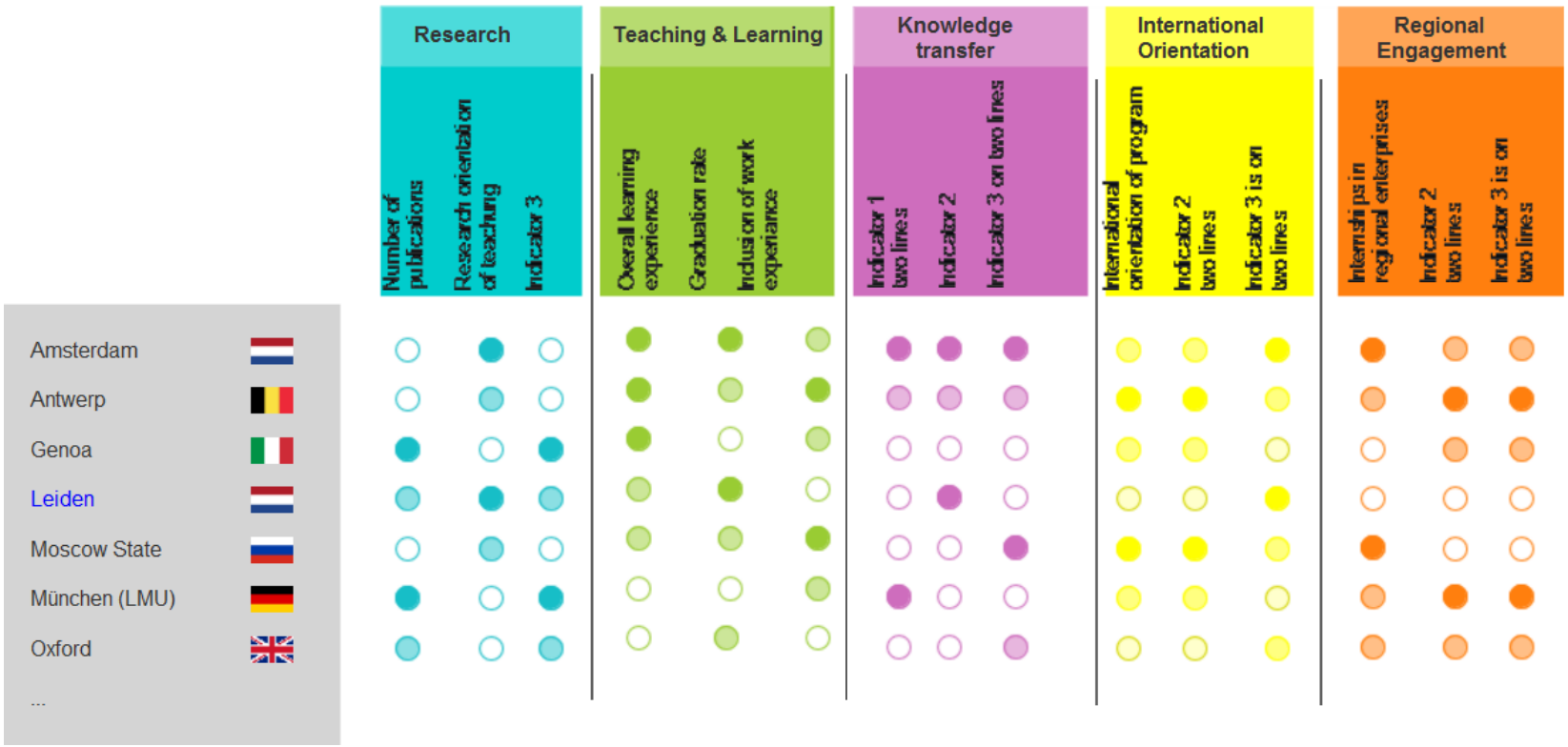
U-Multirank: performance profile (example)

U-Multirank

Compare universities

List of universities that match the profile you defined

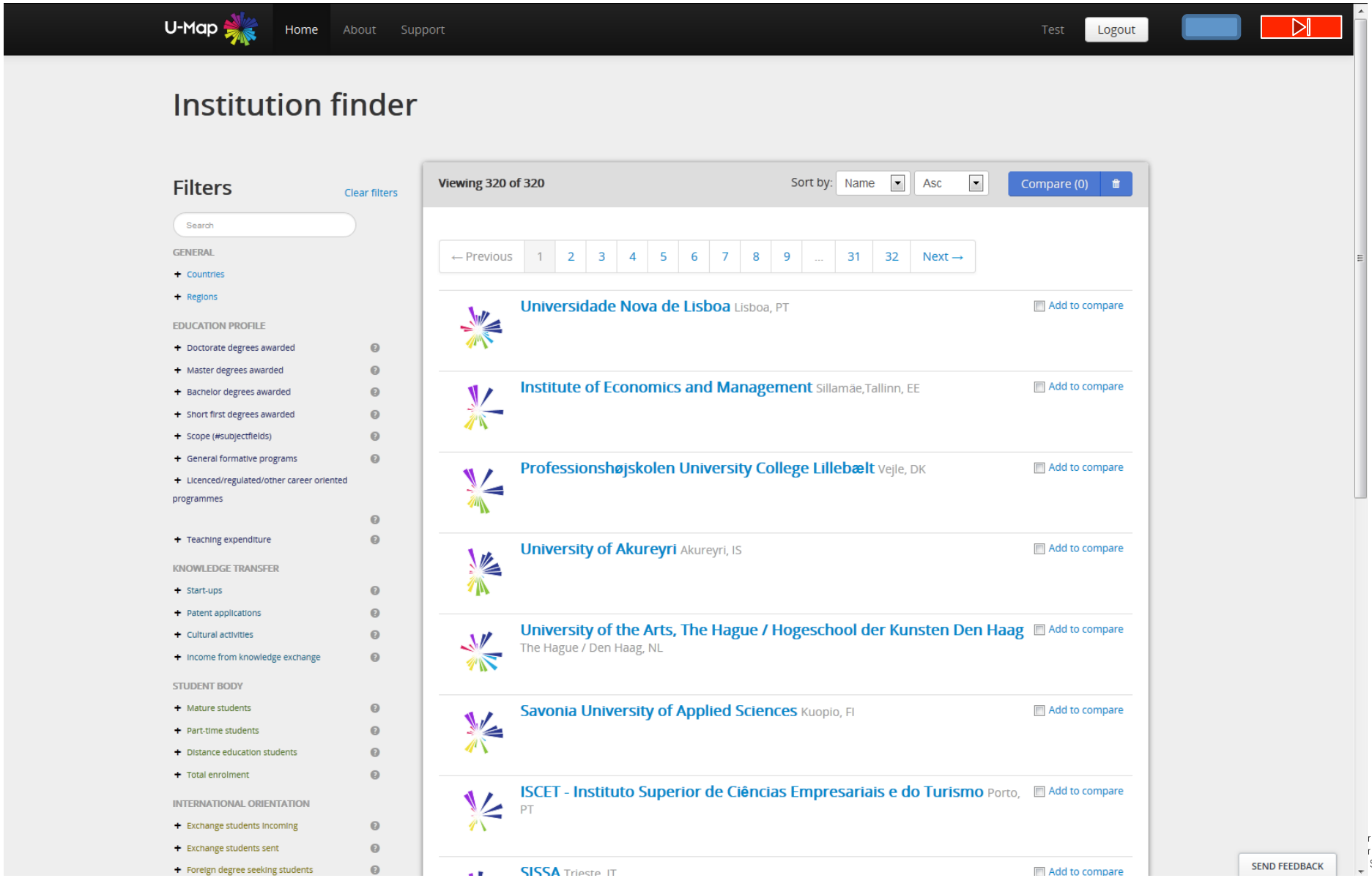
Change indicators



The new U-Map website

- New look and feel
- Technically up to date
- New features
- Open to general public
  - From August 2013
- Including/updating more profiles

The new U-Map website



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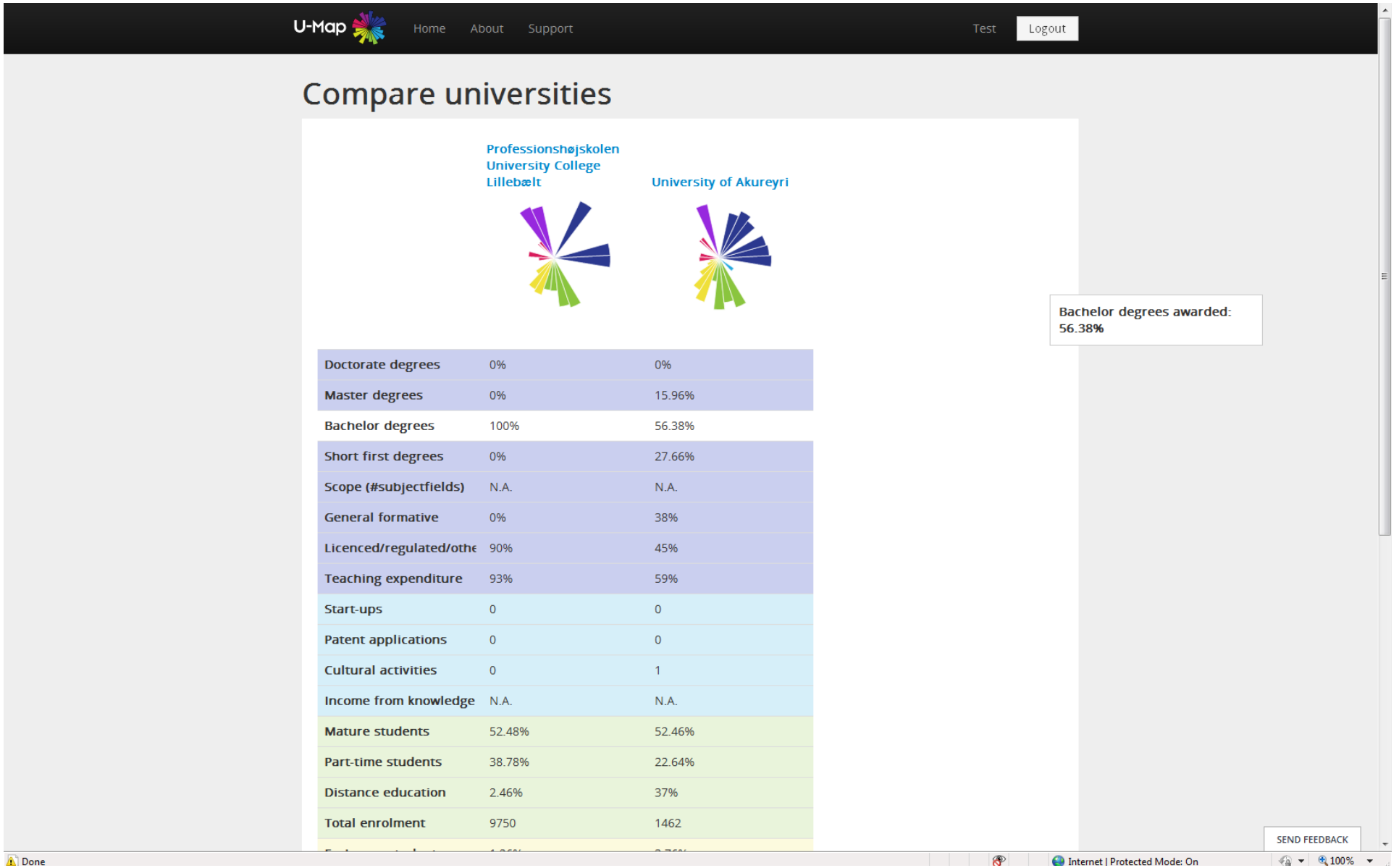

To learn more about U-Map

F.A. van Vught (ed.) (2009), *Mapping the higher education landscape, Towards a European classification of higher education*, Springer

CHEPS (2010), *U-Map. The European Classification of Higher Education Institutions*. Enschede: CHEPS

Available from: http://www.u-map.org/U-MAP_report.pdf

Or visit our website: http://www.u-map.eu

Thank you for your attention!

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