



– The Implementation of a Multidimensional International Ranking

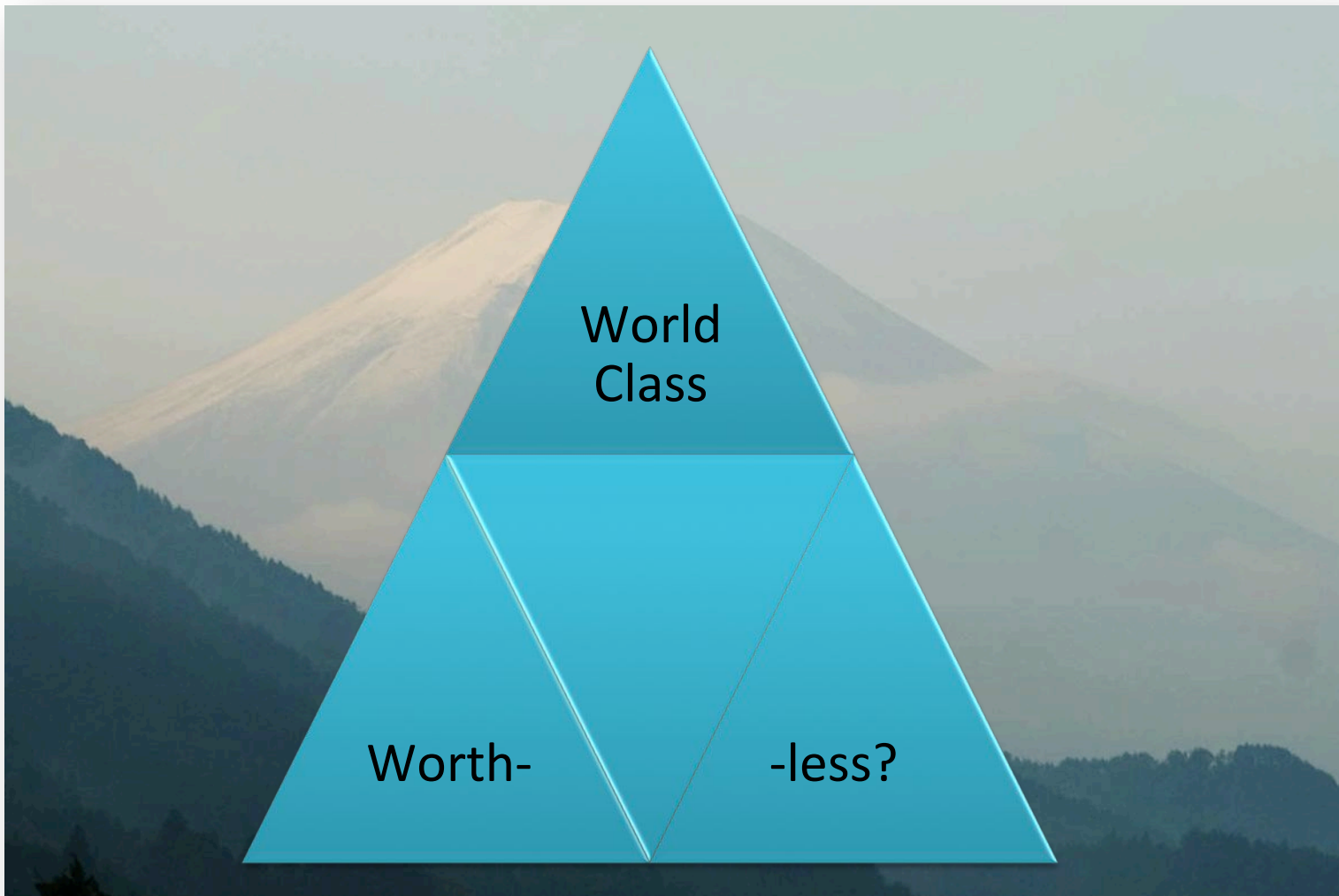
Don F. Westerheijden
CHEPS, University of Twente, Netherlands

Conference
St. Petersburg for Education and Reform
St. Petersburg, 21 March 2014

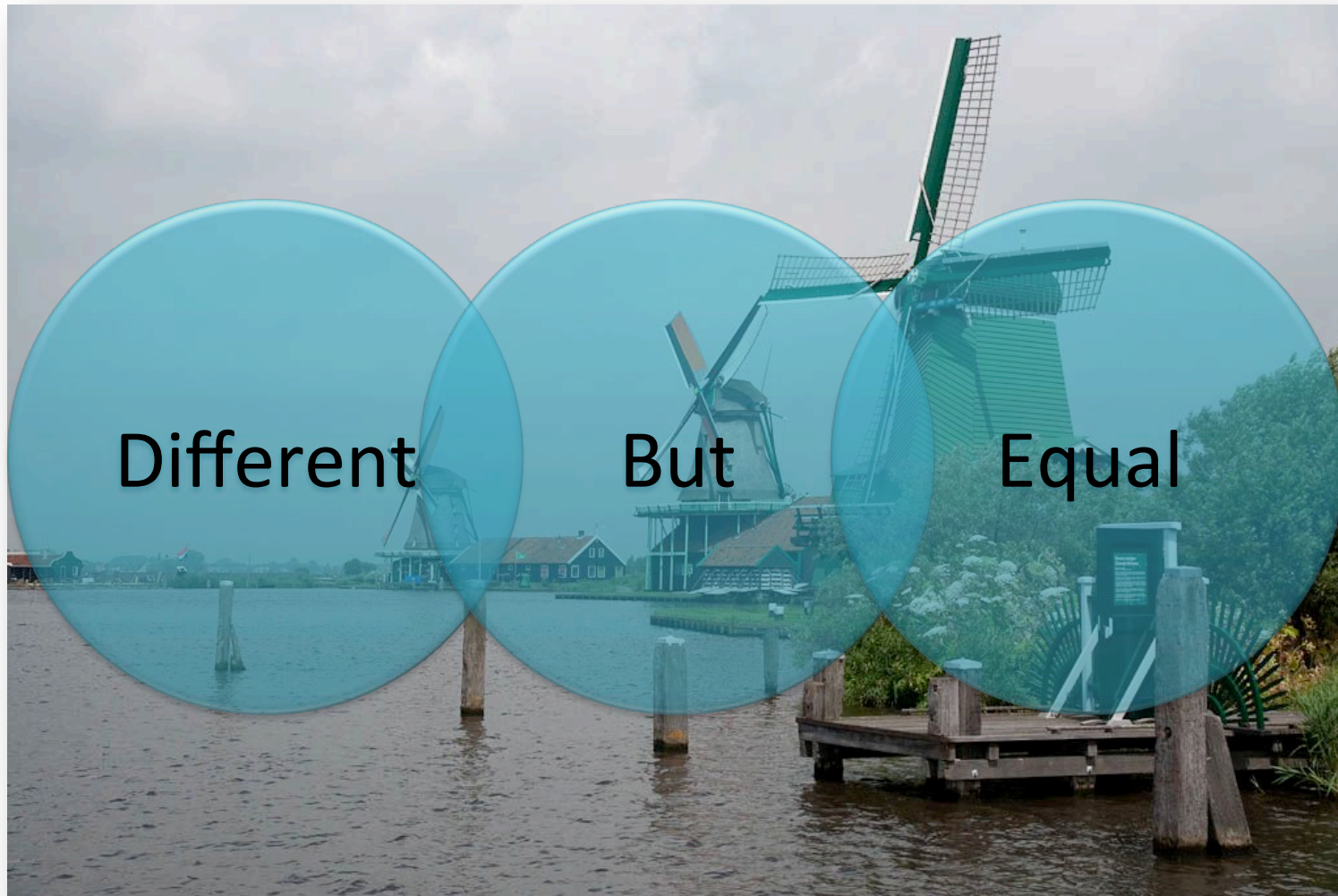
Presented by:



Diversity: vertical



Diversity: horizontal



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
 - Robust ranking, separate for each indicator
- **User-driven ranking**
 - Epistemological position: rankings reflect conceptual frameworks: **what is your theory of a good university?**
 - Personalised ranking: democratic 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**
 - institutional ranking (whole institutions)
 - Field-based rankings 2014:
 - Electrical engineering
 - Mechanical engineering
 - Business studies
 - Physics

With this approach U-Multirank will create multidimensional performance profiles

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		●

With this approach U-Multirank will create multidimensional performance profiles

Teaching and Learning – Student Satisfaction Indicators

	Institutional ranking	Field-based ranking
• Overall learning experience		●
• 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		●

With this approach U-Multirank will create multidimensional performance profiles

Research		
	Institutional ranking	Field-based ranking
• External research income (per FTE academic staff)	●	●
• Doctorate productivity		●
• 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	●	

With this approach U-Multirank will create multidimensional performance profiles

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)	●	
• Patent citations to research publications*	●	●
• Revenues from Continuous Professional Development	●	

With this approach U-Multirank will create multidimensional performance profiles

International Orientation

	Institutional 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	●	●

With this approach U-Multirank will create multidimensional performance profiles

Regional Engagement

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

The first ranking: 2014




- **First rankings to be published, 13 May 2014**
- **Institutional rankings**
- **Rankings for four academic fields**
 - Mechanical engineering
 - Electrical engineering
 - Business
 - Physics
- **Coverage**
 - Institutional
 - Minimum of 500 institutions (to be increased in following years)
 - Fields
 - Mechanical Engineering (>150)
 - Electrical Engineering (>150)
 - Business Studies (>150)
 - Physics (>150)
 - Student Survey
 - Nearly 50,000 completed surveys

What will be the next steps?

- **U-Multirank 2015**

- **HEIs interested in registering for 2015 can already do so on our website**
- Progressive expansion of fields of study and number of HEIs
- 2015, probably:
 - Psychology
 - Computer/informatics
 - Music

Information/Contact

- **For more information on U-Multirank visit, like and follow us, at**
 - www.u-multirank.org
 -  /U-Multirank
 -  @UMultirank
 -  UMulitrak
- **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

