



accelerating factors

- internationalization
- being a niche institution and / or offering niche programs
 - need to include social sciences (with academic freedom)
- curriculum, pedagogical and managerial innovations



strategic planning and benchmarking

challenge of entering a crowded market

- Pohang U of Sc & T (POSTECH)
- Moscow Higher School of Economics
- Hong Kong U of Sc & T

- innovative education features
- innovative management
- clever marketing strategy





political & economic stability, rule of law, basic freedoms

telecommunications & digital infrastructure

vision, leadership & reform capacity

location

ecosystem

governance & regulatory framework

diversification, articulation & information mechanisms

quality assurance & enhancement

resources & incentives



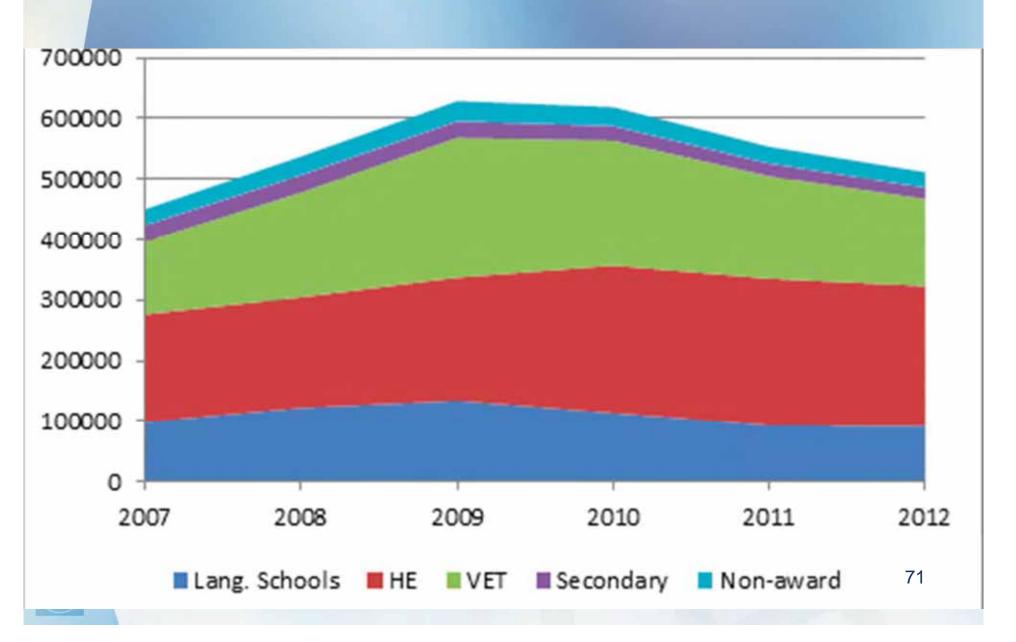
challenges

- rule of law
- governance (Germany)
- digital infrastructure (Nigeria)





international students in Australia



obstacles to talent mobilization

- national level
 - visa regulations
 - taxation
- institutional level
 - academic rigor (setting the bar high)
 - discrimination (access to research funding, promotion prospects)





Japan: obstacles to internationalization

- funding
- academic calendar
- English language



international survey

Table 1. In your courses, you emphasize international perspectives or contents

Australia	4.16
Canada	4.08
Hong Kong	3.92
Malaysia	3.90
Korea	3.86
Norwey	3.86
UK	3.83
USA	3.83
Finland	3.72
China	3.71
Japan	3.71
Mexico	3.69
Germany	3.69
Argentina	3.51
Portugal	3.50
Italy	3.47
Brasil	3.46
Total	3.76



Scale of answe 5=Strongly agree to 1= Strongly disagree

research language

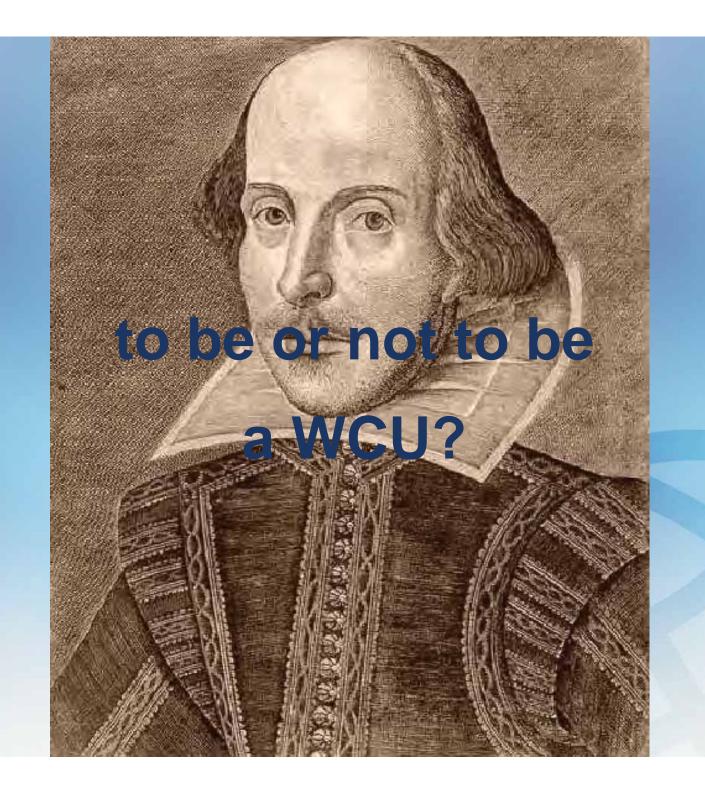
Tbale 5. Research language

	First language/moth er tongue	Other
Malaysia	15%	85%
Norway	29%	71%
Italy	32%	68%
Hong Kong	33%	67%
Finland	39%	61%
Portugal	42%	58%
Germany	50%	51%
Brazil	55%	45%
Korea	56%	44%
Total	63%	37%
South Africa	64%	36%
Argentina	70%	30%
Canada	70%	30%
Mexico	74%	27%
United Kingdom	82%	18%
United States	85%	15%
Japan	87%	13%
Australia	87%	13%
China	94%	6%



conclusion



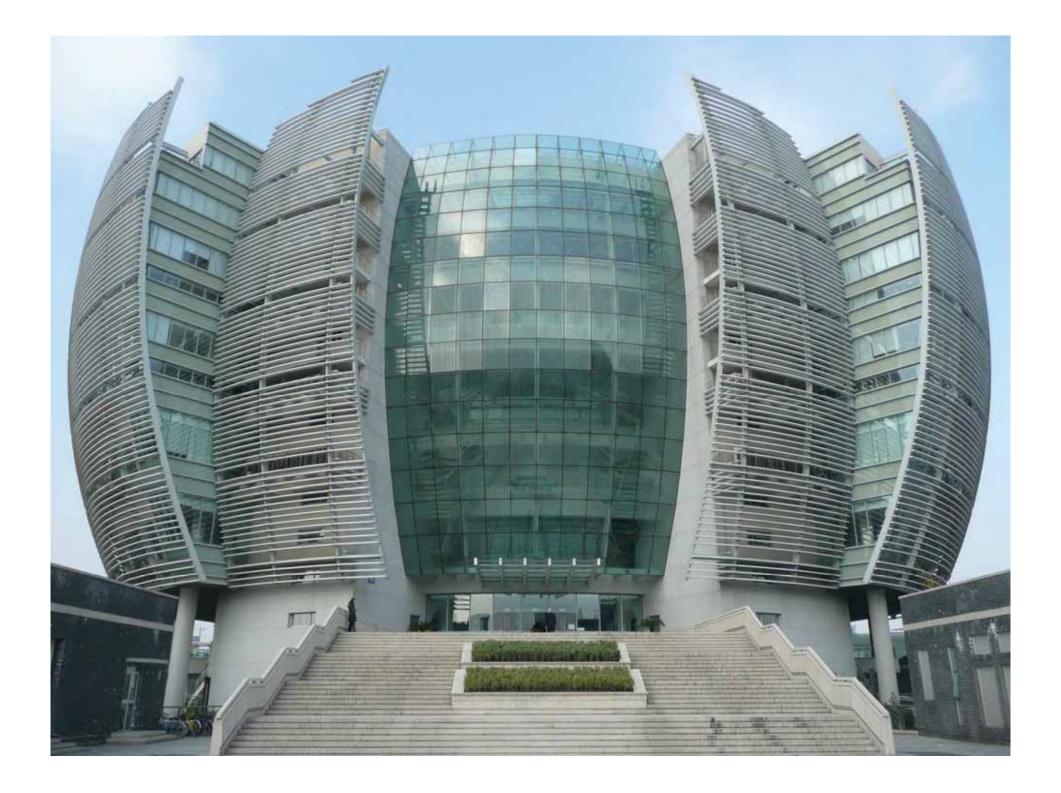


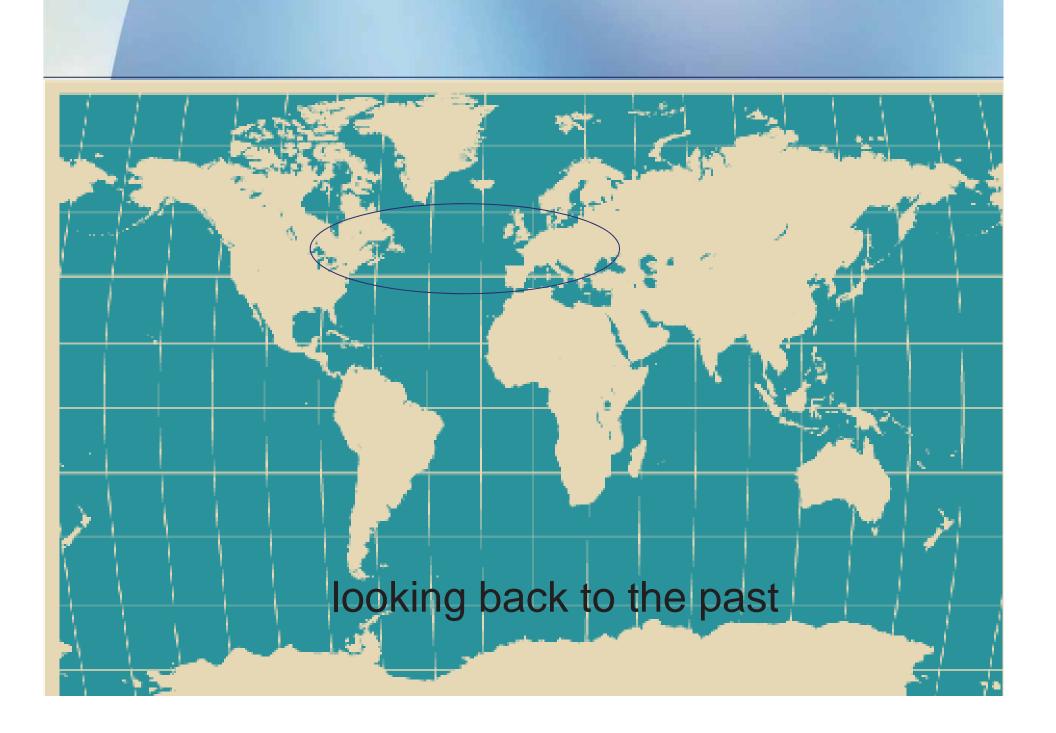


WCU health warnings...

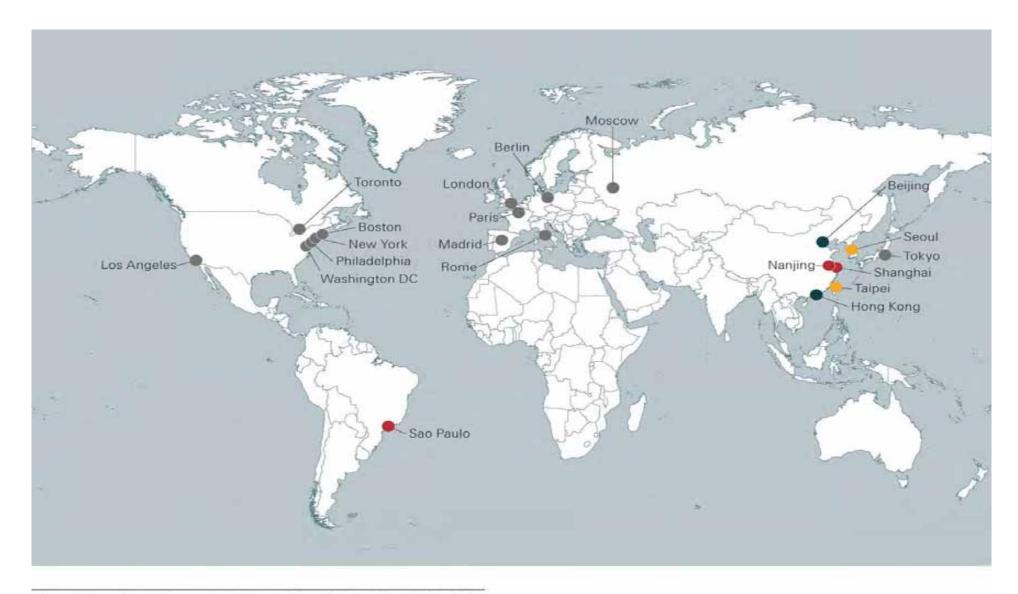
the rise of Asia











Key City with highest publication output in the period 2004-2008; growth is since period 1996-2000.

- Decreased or stayed constant
- Increased 5-10 places
- Increased 10-20 places
- Increased 20+ places

export market share for Taiwan (1985)

USA	48%
Europe	10%
Japan	11%
Hong Kong	8%
ASEAN	6%
Others	17%



export market share for Taiwan (2011)

Mainland China	
+ Hong Kong	41%
ASEAN	16%
USA	11%
Europe	10%
Japan	9%
Others	14%





WCU health warnings...

- the rise of Asia
- what is your purpose?
 - chasing rankings and national prestige?
 - search for excellence?



WCU health warnings...

- the rise of Asia
- what is your purpose?
 - chasing rankings and national prestige?
 - search for excellence?
- distortion of resource allocation
- stress of competition
- global talent war
- danger of homogenization





Ernest Boyer (Scholarship Reconsidered)

We need a climate in which colleges and universities are less imitative, taking pride in their uniqueness. It's time to end the suffocating practice in which colleges and universities measure themselves far too frequently by external status rather than by values determined by their own distinctive mission.

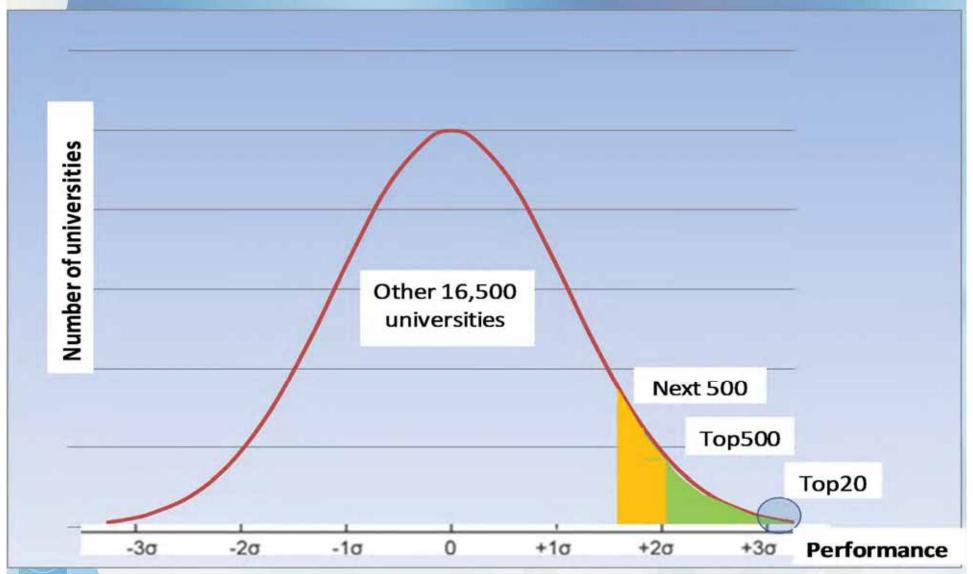


a word of caution

- danger of homogenization
 - dare to be different
- not all institutions "world-class"
- world-class tertiary education system



global rankings cover no more than 3-5% of all TEIs





money is not enough

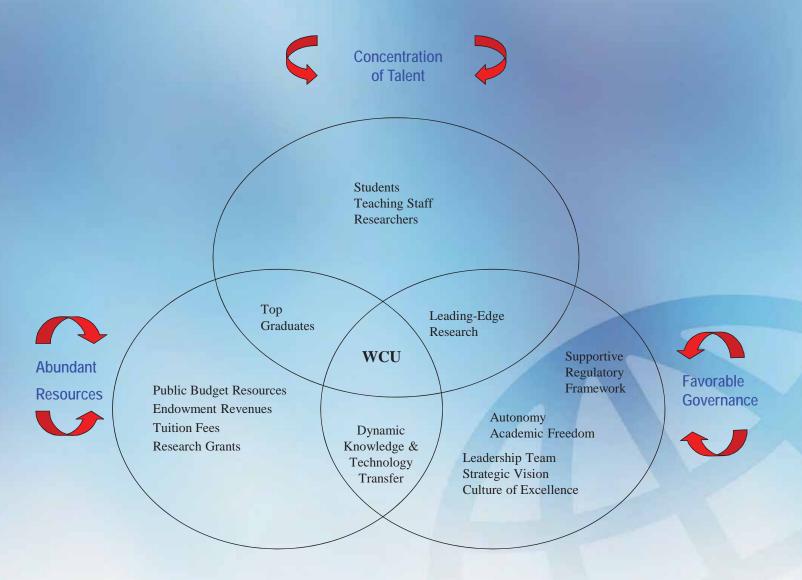
- the most expensive universities in the world are not world-class
 - ➤ George Washington U (Washington DC)
 - ➤ Kenyon College (Ohio)
 - ➤ Bucknell U (Pennsylvania)
 - ➤ Vassar College (NY)
 - ➤ Sarah Lawrence College (NY)



it's all about alignment



Characteristics of a World-Class University Alignment of Key Factors





Source: Elaborated by Jamil Salmi

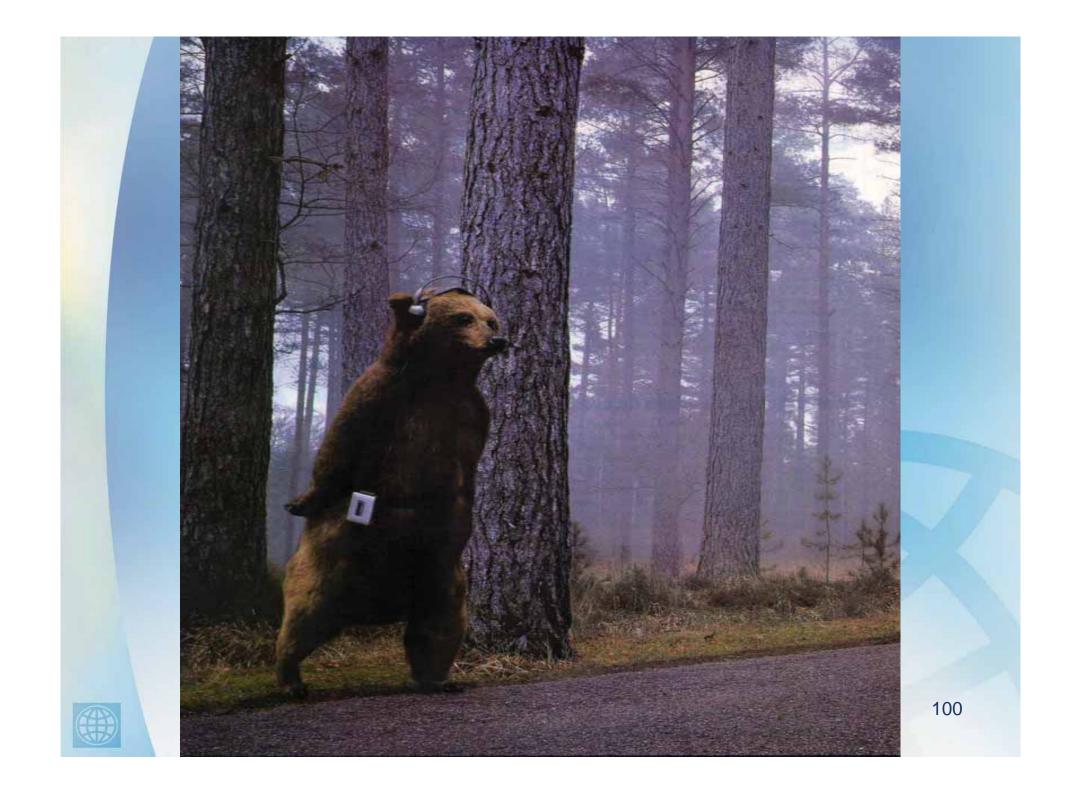


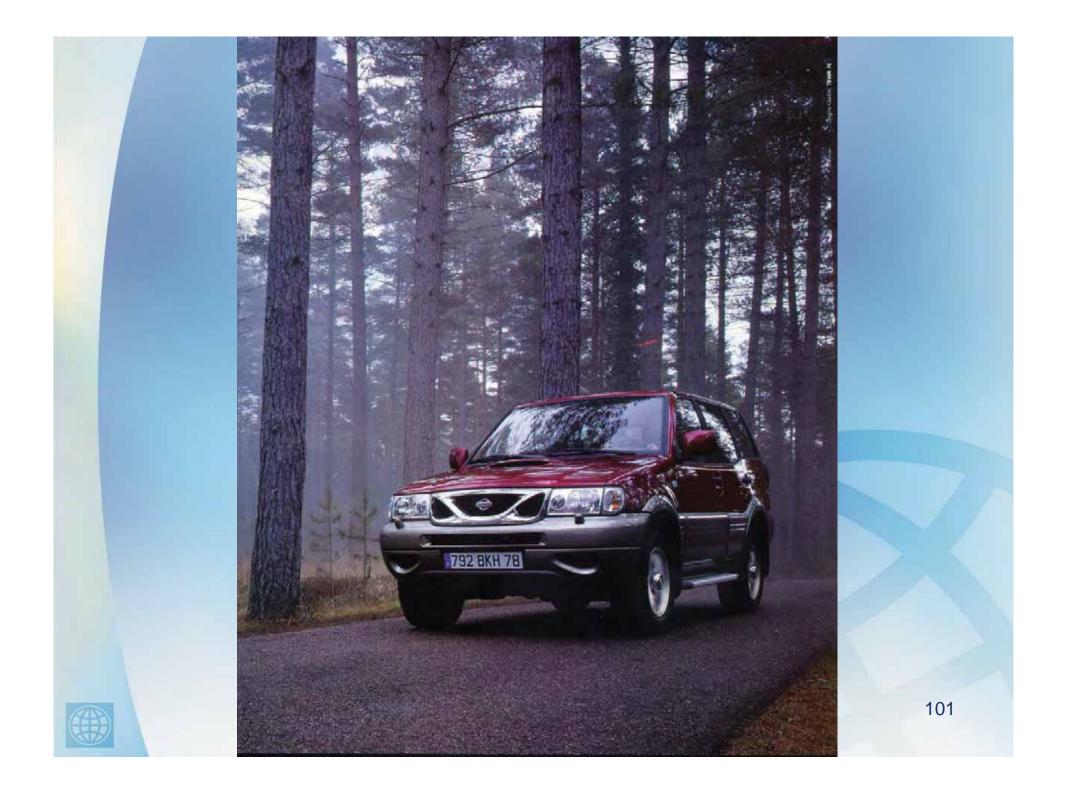
danger of complacency



He who waits with mouth open, hoping for roast duck to fly in, will have a very long wait. (Chinese proverb)

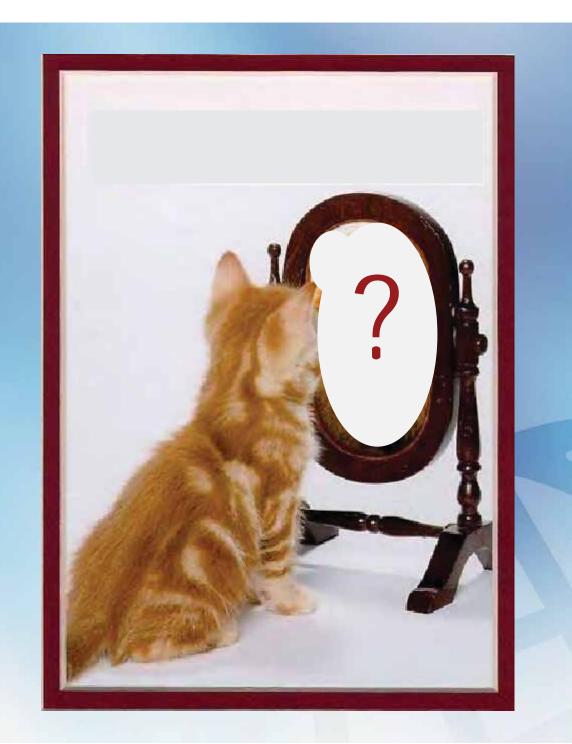


















the road to academic excellence

 constantly challenge yourself and seek to renew your institution to keep improving

sense of urgency

- "change without a burning platform" (Aarhus U)
- "expiry principle" (Olin C of Engineering)
- "good is not good enough" (USP)
- "if we stand still we will fall behind" (UK University Alliance)



World Class University Recipe

Lots of Talent

Plenty of Resources

A Touch of Governance

Allow to Simmer for a Long Time