GA & STRATEGY

Lucien Bollaert

independent international QA expert visiting professor & board member QAAs EQAF Parallel plenary I 16 November 2018 Vienna

- Intro: standard1.1 and the multiple links between strategy and QA
- Constructing strategy with the help of QA: vision & mission
- Translating strategy into policies: 4 dimensions: stakeholders, LO, LLL & engagement with/impact on society
- Deconstructing strategy for QA: KPIs and indicators
- Pitfalls of QA on strategy
- Some conclusions

QA in HE quality as added value

QA & STRATEGY

Intro: ESG standard 1.1 & the multiple links between strategy and QA

Lucien Bollaert

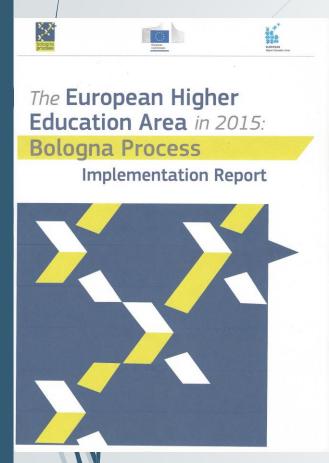
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QA in HE

quality as added value

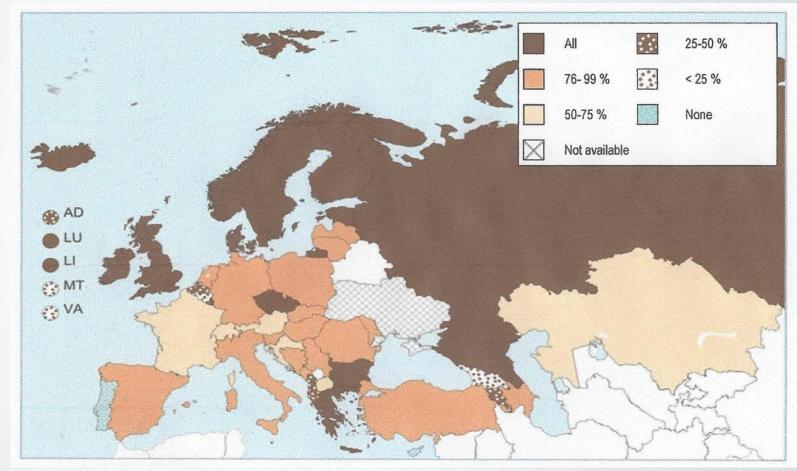
standard 1.1

vs reactive mechanism copying EQA Standard I.1: standards or ranking indicators "Institutions should have a policy for QA that is made public and forms part of their strategic implementation report fig 4,1 management. Internal stakeholders should develop and implement this policy through appropriate structures and processes, while involving external stakeholders."

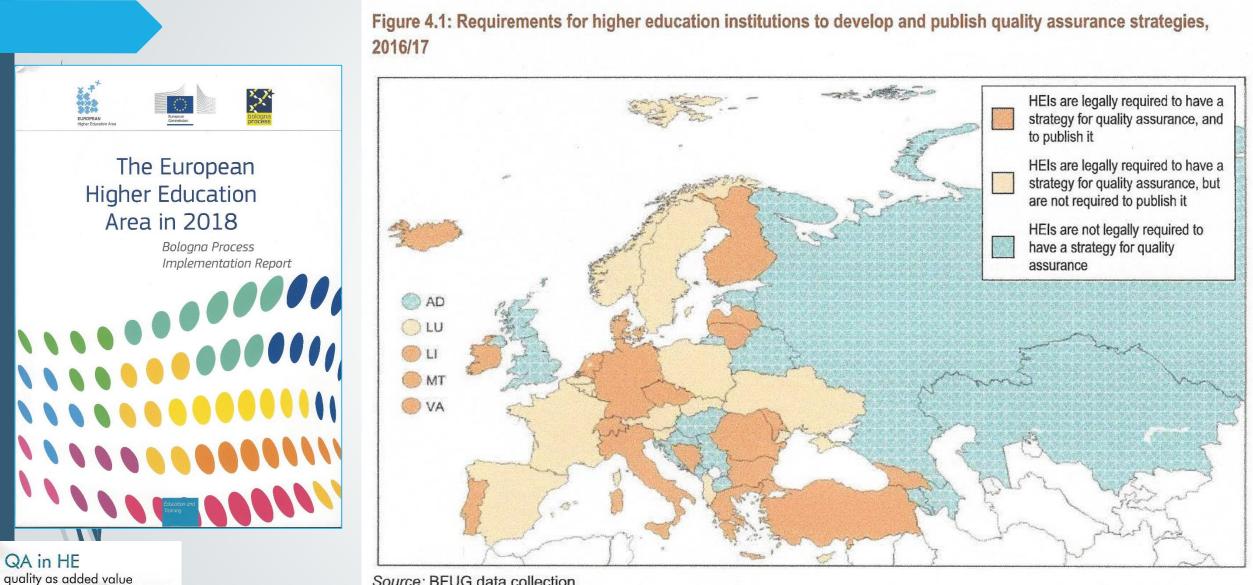


quality as added value

Published institutional strategies for continuous enhancement in the past 5 years 2013/14



Implementation report 2015, fig. 3.1, p. 89 Source BFUG questionnaire



Source: BFUG data collection.

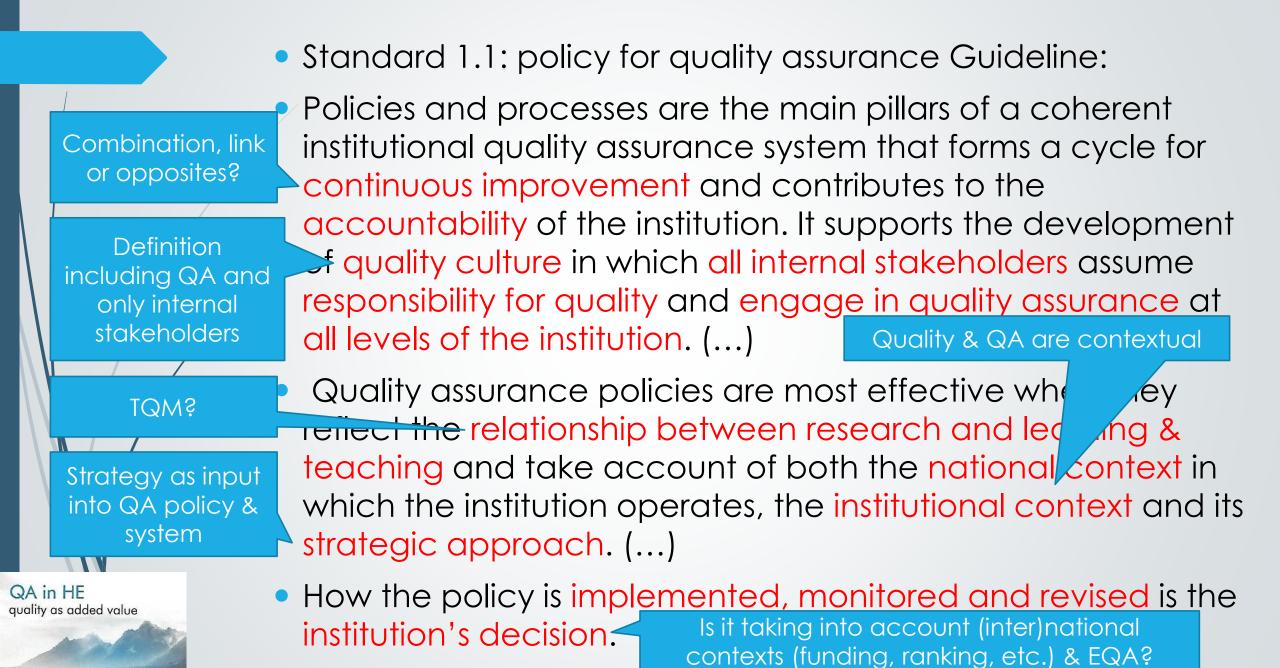
standard 1.1

QA input into strategy

What about QA of strategy (process & outcomes)?

QA in HE quality as added value

vs reactive mechanism copying EQA Standard I.1: standards or ranking indicators "Institutions should have a policy for QA that is made public and forms part of their strategic implementation report fig 4,1 management. Internal stakeholders should develop and implement this policy through appropriate structures and processes, while involving external stakeholders."



QA & STRATEGY

constructing strategy with the help of QA: vision & mission

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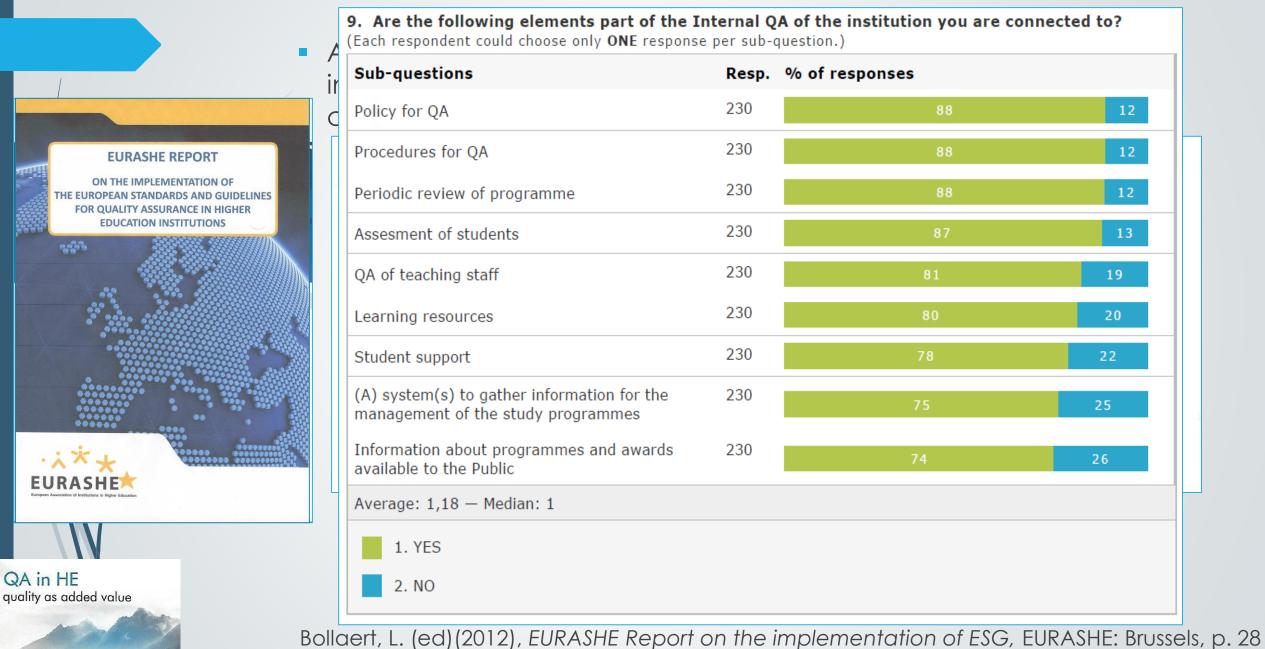
QA in HE

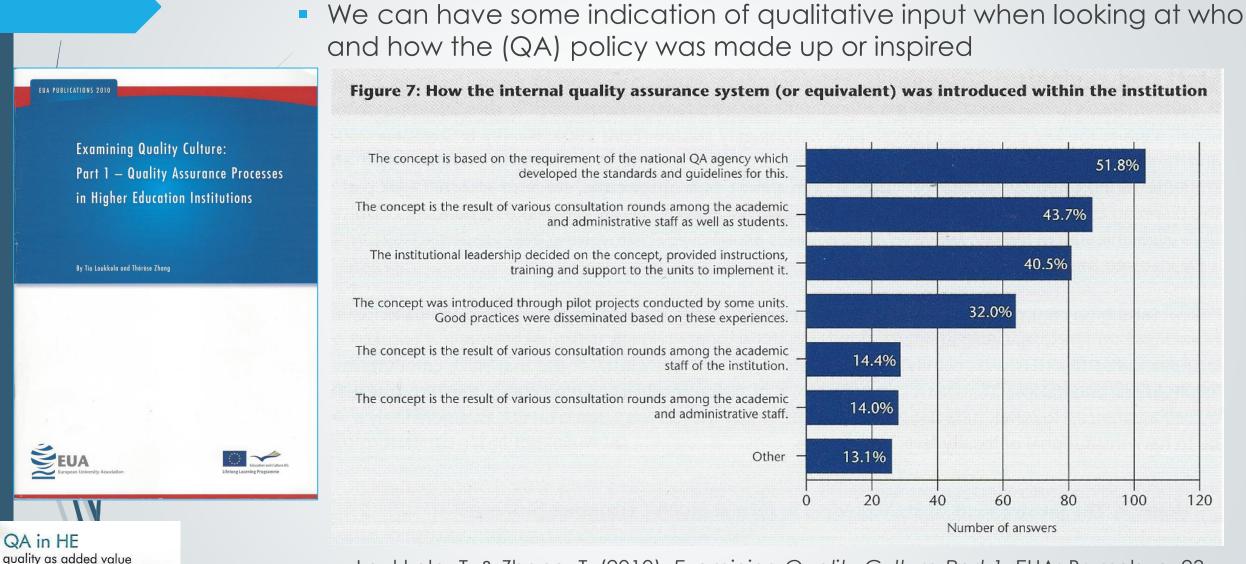
quality as added value



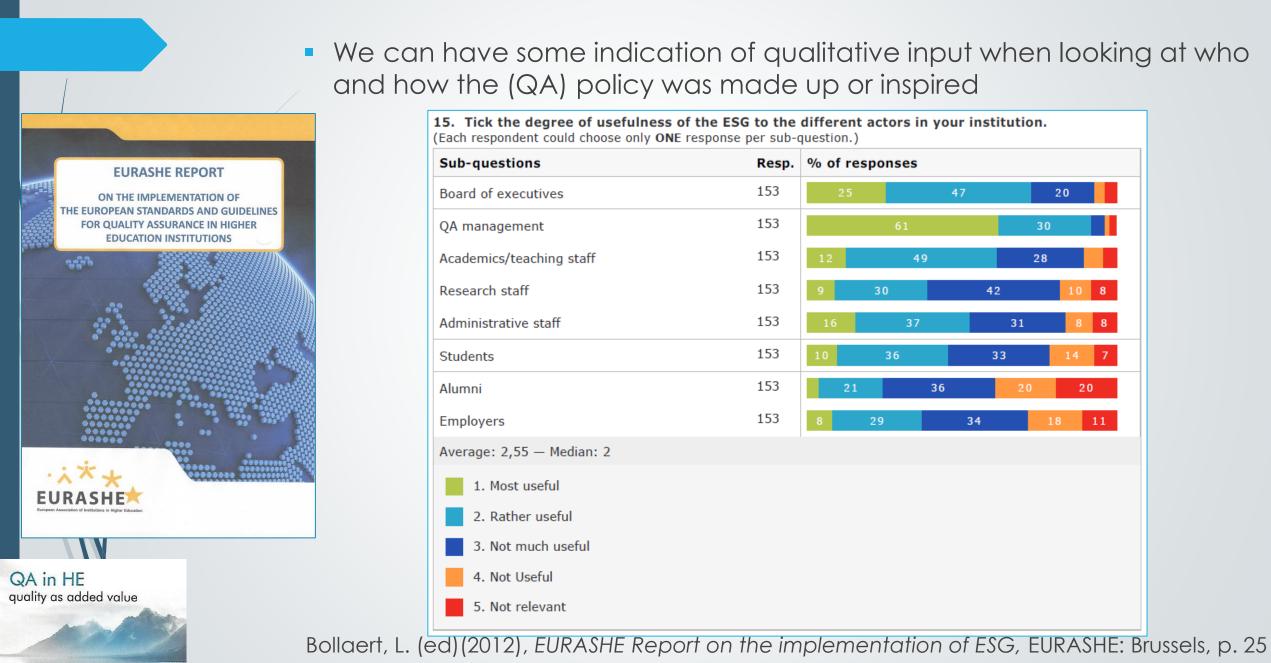
Sursock, A. (2015), Trends 2015, EUA: Brussels, p. 40

Although we have quantitative data on national regulations and





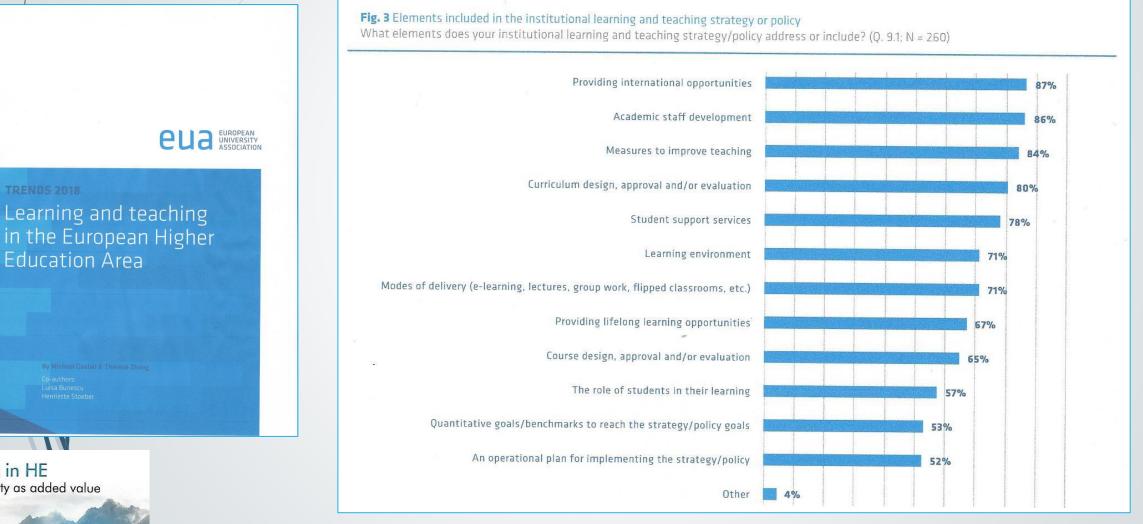
Loukkola, T. & Zhang, T. (2010), Examining Quality Culture Part 1, EUA: Brussels, p. 23



QA in HE

quality as added value

We can have some indication of qualitative input when looking at who and how the (QA) policy was made up or inspired



Gaebel, M. & Zhang, T. (2018), Trends 2018: Learning and teaching in the EHEA, EUA: Brussels, p. 15

- The fact that the IQA policies and processes are quite often based on national EQA and mostly useful for HEI executives and technical QA managers is not very promising on the QA input into strategy.
- Little is known about which qualitative elements of QA policies have given input into the institutional vision, mission and strategy or the other way around
- HEIs are normally not very good at developing an inspirational vision on the future, a profiling mission on middle-term and a transforming strategy (Gallup, 2015)

QA in HE quality as added value

quality as added value

- "We prepare the leaders of tomorrow."
- "We nurture lifelong learners."
- "We aim to have a global impact, while serving our local community."
- Gallup (2015) found that more than 50% of vision or mission statements of HEI share striking similarities, regardless of size, public or private, land-grant status or religious affiliation, or for-profit or not-for-profit.
- They may accurately represent the broad views and aspirations of education leaders and their institutions, and they probably differentiate the institutions from financial services and retail companies...
- BUT THEY OFFER LITTLE GUIDANCE TO CURRENT AND FUTURE STUDENTS (and staff).

quality as added value

GALLUP'S RECOMMENDATIONS :

 Establish a clear and differentiated purpose by answering the questions: "Why do we exist?" and "What value do we provide to the world?".

- Align the brand by telling the outside world what the institution is and what it will deliver. (see mission)
- Support identity with engaged culture primarily including the student experiences that should support the HEI's purpose and brand.

Gallup (2015)

www.gallup.com/businessjournal/184538/hard-differentiate-one-higher-brand.aspx

quality as added value

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- Yet, a look at the underlying inspirations to formulate visions and mission at 50 American and European HEIs came to interesting observations...

quality as added value



We Make Things Happen

"Innovation. Challenging the status quo.

Creativity. Making waves. All words that define

SF STATE the culture of San Francisco State University."

Firmly connected with its innovation home city.

Strongly committed to creating opportunities for each student to discover his or her unique path in life.

Deeply engaged with the world's economies, cultures and politics.

Uniquely focused on **excellence in teaching and research** that can be actively applied toward improving the world we live in.

Attending SF State is more than an education – it's an **experience**, and true preparation for living a life of principle and value.

Our alumni are known as agents of change, creative artists, inventors and company founders. Once a student at SF State, always a leader who is engaged and innovative.

At SF State, students learn how to make things happen.

QA in HE

quality as added value



THE CALL TO LEAD SOMETHING BIGGER

With the opportunity to govern much of life on Grounds – from responsibility for Residence halls to serving on the <u>Honor Committee</u> to reporting to our <u>Board of Visitors</u> – students are encouraged to take on responsibilities and experiences that prepare them for lives as citizen leaders

A WAY OF LIFE

UVA is a residential community based on student self-governance, an experience that builds knowledge, character and independence.

A GENUINE IMPACT

The decisions made by students have a significant influence on life at the University.

A COMMUNITY OF TRUST

Since 1842, UVA's student-run Honor System has helped create and strengthen a school-wide community of trust.

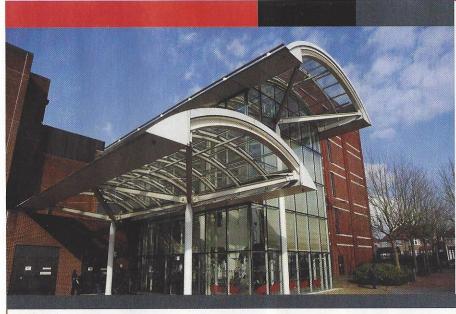


BE A PART OF OUR SUCCESS

De Montfort University (DMU) is an ambitious, truly globally-minded institution with a relentless focus on delivering quality across all aspects of its provision. Our business school is the top-ranked school in the Midlands region for overall satisfaction in the NSS. We are in the top three modern universities nationally in the REF for Business and Management research ahead of many long-established universities.

QA in HE quality as added value

QA input into strateay: vision & mission



This is an exciting time for GSM London. Founded in 1973 and formerly known as the Greenwich School of Management, we are one of the UK's largest independent for-profit HE providers and one of the few private providers to have passed QAA Institutional Review. We have two campuses and a study centre in London and over 6.000 students. We are committed to videning access to enable social mobility through our focus on strengths-based learning and our student outcomes, including their employability. We are building organisational capability to take us forward as we seek to attain degree awarding powers and university status. In this we are working closely with our validating partner, Plymouth University, who are supportive of our ambitious growth plans.

Solution Distinctive higher education

"GSM London provides higher education for students of all ages and backgrounds. Our aim is to make education as accessible as possible and to support students in their career ambitions We are truly multicultural with students from very different areas of London, as well as the Gulf States, Nigeria, the Far East and Europe."



1a 255 e

QA in HE quality as added value



quality as added value

https://www.change.org/p/lee-pelton-tell-emerson-not-to-use-this-new-logo		% 5
	Sign this petition	
	314 supporters	
Emerson	186 needed to reach 500	
	First name	
	Last name	
	Email	
	Belgium	
This new logo does not represent the dedication, hard work, and	Your city	
creativity of the students, alumni, teachers, and faculty of Emerson College. It is not a clear signifier of our school and is	I'm signing because (optional)	
being compared to "the breast cancer ribbon", " the cup from the 90's", and looking like a "laser hair removal" logo. With so many		
bad reactions, this clearly is not the direction to go in for Emerson	G f Share with Facebook friends	
College. This logo should not replace the current logo of the	Sign	

Display my name and comment on this petition

conversation for a new logo.

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2/05/2016

UNIVERSITY OF STRATHCLYDE STRATEGIC PLAN 2015-2020

University of Strathclyde Glasgow

and a more for and the state

nto strategy: vision & mission

Our Vision	A leading international technological university, inspired by its founding mission, that makes a positive difference to the lives of its students, to society and to the world			
Our Mission	From our foundation as 'the place of useful learning', we take it as our responsibility to research, teach and be of benefit to society – to reach outside the University to make the world better educated, prosperous, healthy, fair and secure			
Strategic Themes	Outstanding student experience	Internationally leading researc	1. (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (19	l-leading n and impact
Cross- cutting Themes	Global engag	ement	Operational excel	lence
Our Values	People- oriented E	old Innovative	Collaborative	Ambitious

University of Strathclyde Glasgow



QA IN HE quality as added value Table 2. Binary logistic regressions occurrence of the 20 most frequent claims.

Discipline profile: factor 1		
p	p	5
0.562	562	
0.788		
0.057		
0.044		*
0.769		-
0.008		*
0.182		-
0.755		_
0.736		
0.537		
0.608		
0.040		*
0.095		
0.867		•
0.956		
0.733		
	0.0 0.0	0.763 0.824 0.088 0.488

Seeber, M., Barberio V., Huisman, J. & Mampaey, J. (2017), Factors affecting the content of universities' mission statements: an analysis of the United Kingdom higher education system, *Studies in Higher Education*, DOI: 10,1080/03075079.2017.1349743

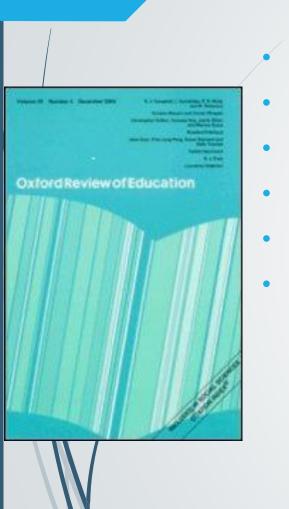
Mission statements as identity narratives, a type of symbolic representation of an organization

QA in HE quality as added value

Studies

in Higher

Education



QA in HE

quality as added value

List of 21 categories that universities could use to differentiate themselves relating to the missions (comparison 2005-2015)

Research activity: 1. basic; 2. applied, practice-oriented;

- Education: 1. teaching; 2. learning; 3. programmes, curriculum;
- 3rd mission: 1. economy, region; 2. society (at large);
- Staff: 1. academics; 2. support staff; 3. management;
- Students: 1. current and future; 2. graduates (incl. employment); 3. alumni;
- Organisation: 1. fees, costs; 2. quality; 3. atmosphere, culture; 4. mission, vision, future prospects, and plans; 5. (infra)structure; 6. age, history; 8. size

Huisman, J. & Mampaey, J. (2018), Use your imagination: what UK universities want you to think of them, Oxford Review of Education, DOI: 10,1080/03054985.2017.1421154



QA in HE

quality as added value

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- Organisation: 1. fees, costs; 2. quality; 3. atmosphere, culture; 4. mission, vision, future prospects, and plans; 5. (infra)structure; 6. age, history; 8. size
- "In 191 of the 255 instances in 2005 (75%), the universities used very similar claims; in 2015 this percentage increased, slightly, to 79%. These elements were rather vague and common, if not bland, without further specifying what they understood by excellence, top quality, a strong community, and a stimulating atmosphere." (p. 422)

Huisman, J. & Mampaey, J. (2018), Use your imagination: what UK universities want you to think of them, Oxford Review of Education, DOI: 10,1080/03054985.2017.1421154

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QA in HE

quality as added value

QA input into strategy: vision & mission

Findings of qualitative content analysis

- "In 2005, 'organization-quality' was the most dominant dimension, (...). Most notably, 19 of these institutions refer to quality in very generic terms, for instance by referring to meanings such as 'excellence in teaching and research', 'leading institution', 'world class', 'committed to quality', (...). What is striking in these references to quality is that most of these institutions do not define quality or do not explicate the organisational practices that sustain quality." (p. 436)
- "Strikingly, the institutions tend to construct quality in very competitive terms, emphasising that they are the best at everything they do." (p. 436)
- "In 2015, quality is still the most dominant dimension and even more institutions (27) mention it in their welcome address. (...) Similar to 2005, most of these institutions do not define quality or do not explicate the organisational practices that sustain quality, although it should also be noted that the specific vocabulary to refer to quality was more diverse in 2015." (p. 436)

Huisman, J. & Mampaey, J. (2018), Use your imagination: what UK universities want you to think of them, Oxford Review of Education, DOI: 10,1080/03054985.2017.1421154 Oxford Review of Educatio

QA in HE

quality as added value

Discussion and conclusion

- "We conclude that, despite increased competition, there is limited appetite among the British universities to display an image that deviates significantly from the pack." (p. 437)
- Older institutions show less frequently distinctive elements than younger institutions
 - Prestigious universities show less frequently distinctive elements than less prestigious
- Over time, university images become more similar for older and prestigious universities than for younger and less prestigious universities
- "Others have argued that the contents of university messages are reflecting market ideologies (Sauntson & Morrish, 2010), but our research shows that statements on, e.g. students as consumers, value-for-money, and proper preparations for the labour market are as frequent as statements on citizenship, education, research for a better world and research as an objective in itself. (...) Overall, however, it is clear from the analysis that students and student engagement have recently become a more dominant concern in a context of demographic downturns and scepticism about value for money." (p. 437)

- Yet, a look at the underlying inspirations to formulate visions and mission at 50 American and European HEIs came to interesting observations...
- 1. A lot of marketing, like below
- Most branding experts say that a degree is an emotional purchase, next to the 2nd most expensive in people's lifetime.
 "Does it feel like this place really fits?" 160over90 (2014)
- " "In buying a product like higher education, you have to establish trust in the consumer of that product." Micheal Stoner, president of marketing agency mStone
- 2. Clear references to rankings;
- 3. The best are inspired by: excellence, effect or impact, quality culture, new concepts of quality and QA...

QA in HE quality as added value

QA in HE quality as added value

QA input into strategy: vision & mission

Q as	concept of Q	QA(M) concept	
"Exceptional" "excellent"	externally recognised as high class	Q control with high standards & benchmarking	
"perfect" or "consistent"	focus on process with everybody involved	TQM: process control & assessment training & culture	
"fit for purpose	Q is functional customer requirements provider's needs(mission)	service satisfaction frameworks & PDCA strategic TQM	
"value for money"	accountability & effectiveness against cost = efficiency	change & Q competition performance indicators audits	
"transforming"	qualitative change	enhancement by empowered participants	
Harvey & Green (1993),	Harvey (1999), Newton (2007)	quality culture	

quality as added value

Paradigm shift in concept of Q & QA(M)

/	early opinions	new views
	Quality is absolute and fixed	Q is relative, multi-layered & contectual
/	One standard is dominant	Q has many aspects
	& determined by the producer	Starting point = stakeholders' needs
	The final product is central	Service is vital
	& should be inspected	Q = result of processes
	Quality requirements are fixed	Q requirements change & raise
	Quality control by quality unit	Q = everybody's

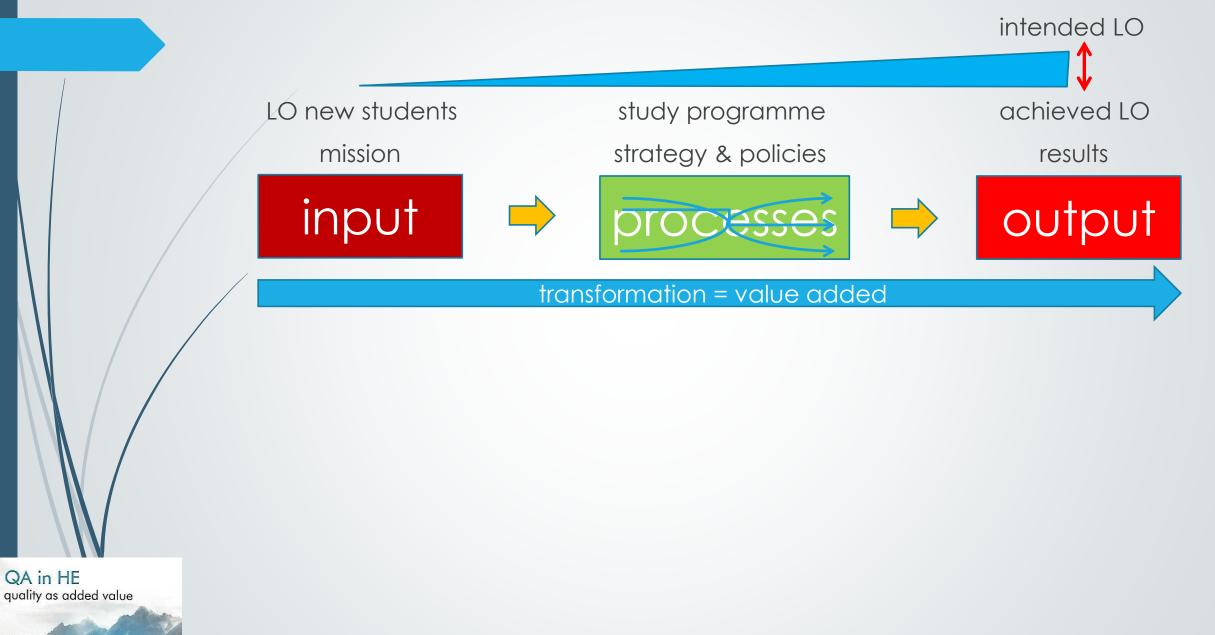
quality as added value

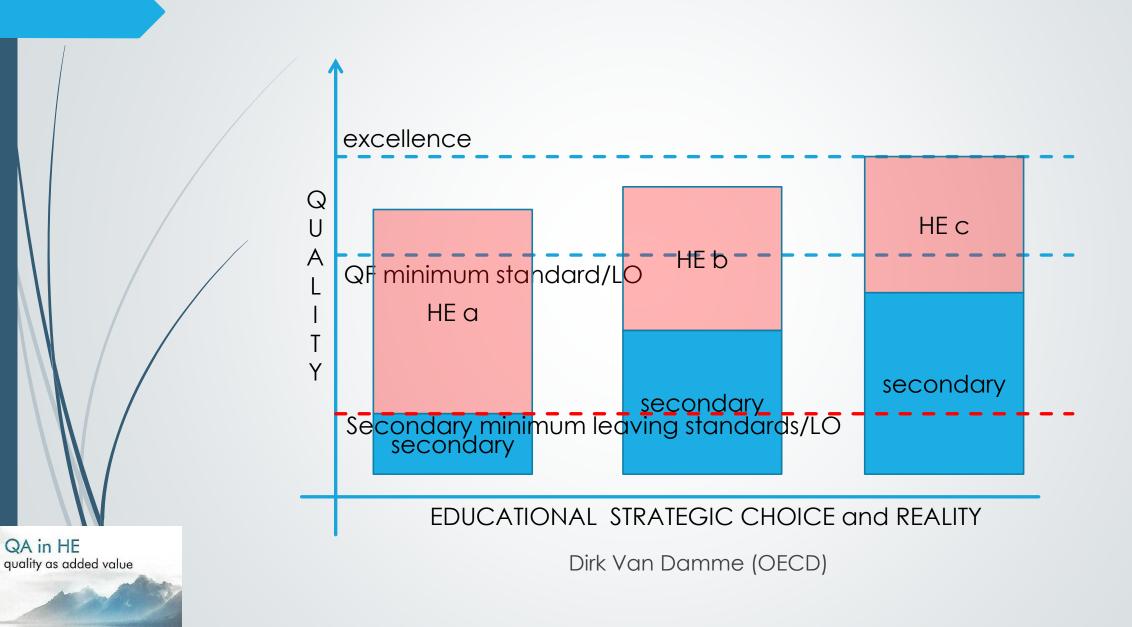
New definition of quality:

- Lots of definitions, but...
- Quality, as defined by its stakeholders (= international minima or higher standards), is the added value (chain) between input and output.
- On programme or course/module level:
- Quality is the added value between the LOs of the incoming student and those achieved by the outgoing student in relation to what all stakeholders want and need.

On institutional level:

 Quality is the added value measured in the realisation of the mission through strategy policy





QA in HE

quality as added value

QA input into strategy: vision & mission

New vision, mission & (strategic) policy of HE(I)

- <u>Traditionally :</u>
- Education :

gone global with new stress on global competences fit for global knowledge society of the 21st century

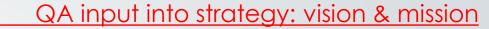
Research :

more global than ever through rankings new continuum from fundamental to applied fit for global challenges & innovation

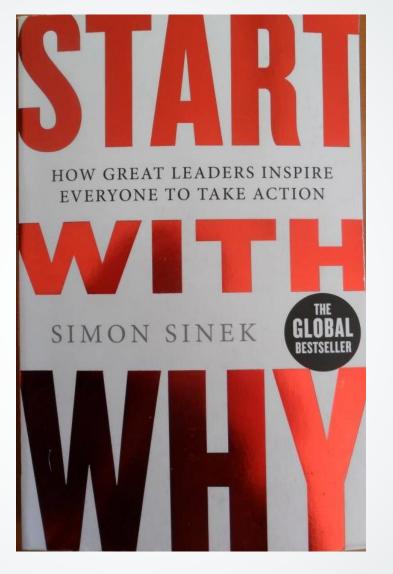
Social services/community impact :

from regional to global community

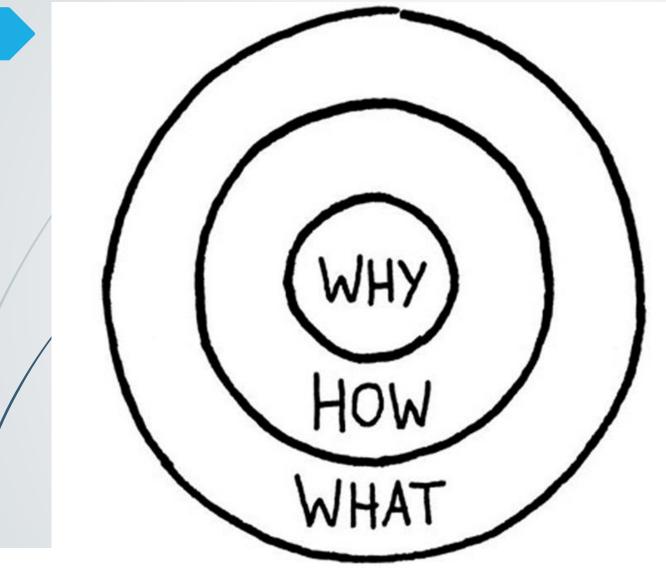
- New vision & mission?
- HE(I) as a open & global eco-community of co-creation with all the stakeholders underpinned by a quality culture







Simon Sinek (2009)



Why = The Purpose

What is your cause? What do you believe?

Apple: We believe in challienging the status quo and doing this differently

How = The Process

Specific actions taken to realize the Why.

Apple: Our products are beautifully designed and easy to use

What = The Result What do you do? The result of Why. Proof.

Apple: We make computers

QA in HE quality as added value

Simon Sinek (2009)

"You have to <u>earn trust</u> by communicating and demonstrating that you <u>share the same values and</u> <u>beliefs</u>.

You have to <u>talk about your WHY and prove it with</u> <u>WHAT</u> you do.

Again, a <u>WHY is just a belief</u>. <u>HOWs are the actions</u> we take to realize that belief, and <u>WHATs are the</u> results of those actions. When <u>all three are in</u> balance, trust is built and value is perceived."

QA in HE quality as added value

Simon Sinek (2009), pp. 84-85

"<u>A company is a culture</u>. A group of people brought together around a common set of values and beliefs. It's not products or services that bind a company together. It's not size and might that make a company strong, it's the culture – the strong sense of beliefs and values that everyone, from the CEO to the receptionist, all share.

So the logic follows, the goal is <u>not to hire people</u> who simply have a skill set you need, the goal is to hire people who believe what you believe."

QA in HE quality as added value

Simon Sinek (2009), pp. 90



QA in HE

quality as added value

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- Yet, a look at the underlying inspirations to formulate visions and mission at 50 American and European HEIs came to interesting observations...
- Standard 1,1 and the shift from EQA on programme level to institutional level has pushed HEIs towards institutional QA policies and systems.

translating strategy into policies: 4 dimensions: stakeholders, LO, LLL & societal impact

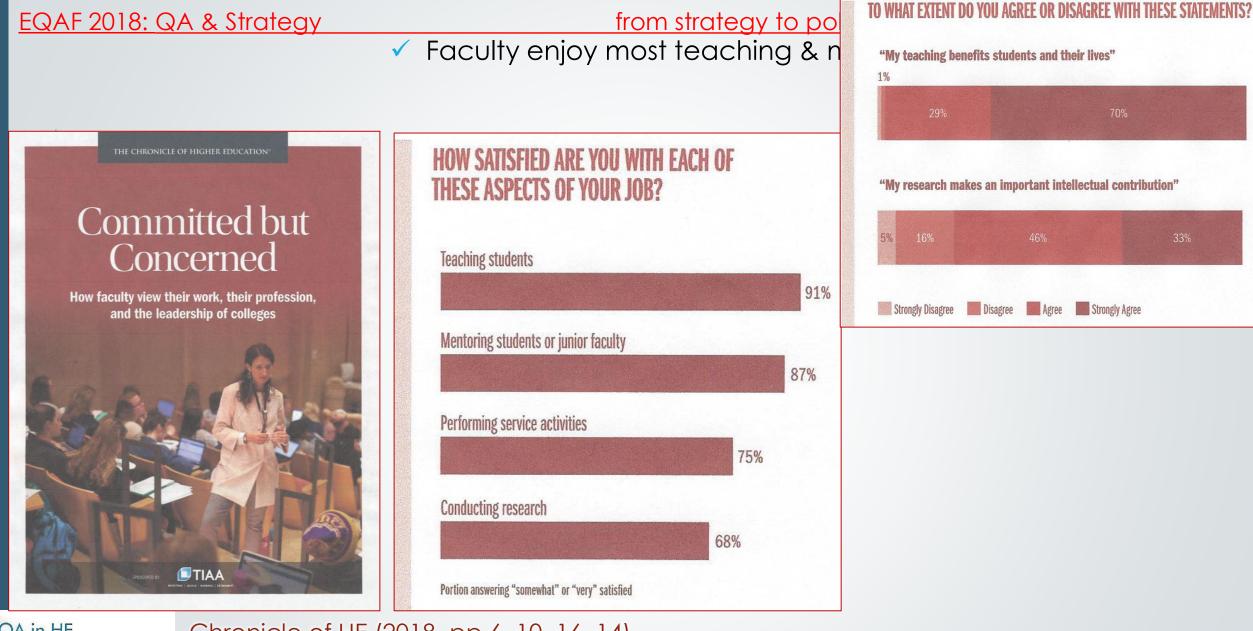
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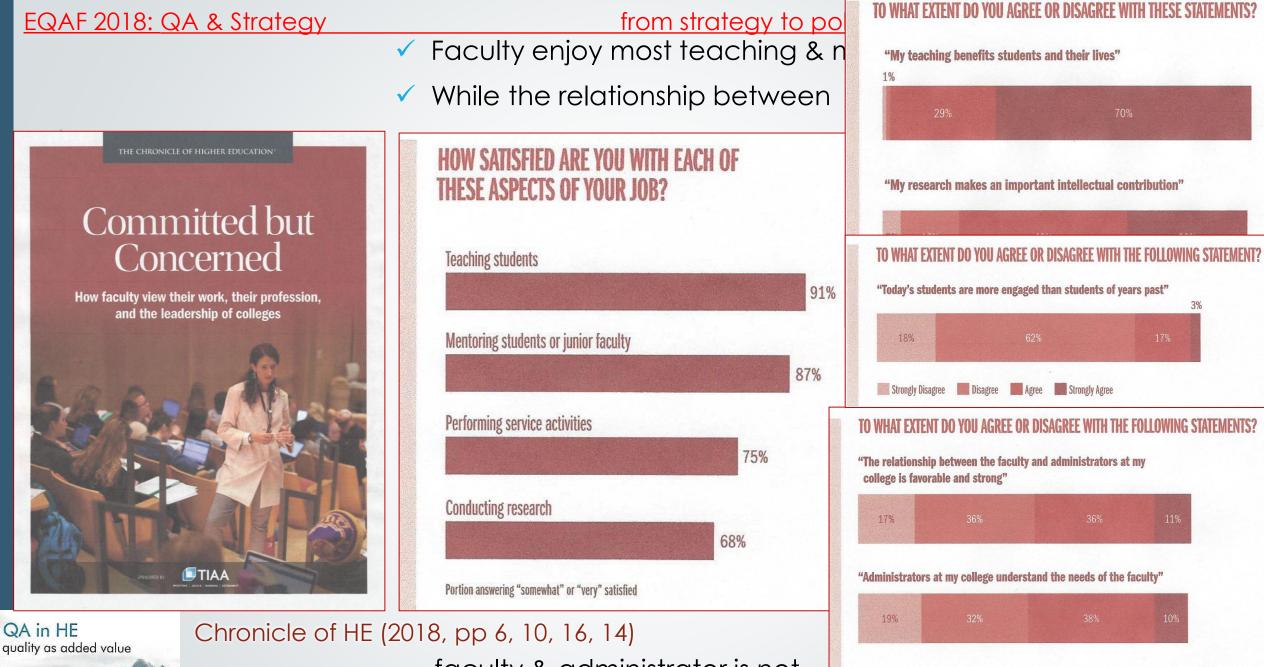


Standard I.1:

"Institutions should have a policy for QA that is made public and forms part of their strategic management. Internal stakeholders should develop and implement this policy through appropriate structures and processes, while involving external stakeholders."



QA in HE quality as added value Chronicle of HE (2018, pp 6, 10, 16, 14)

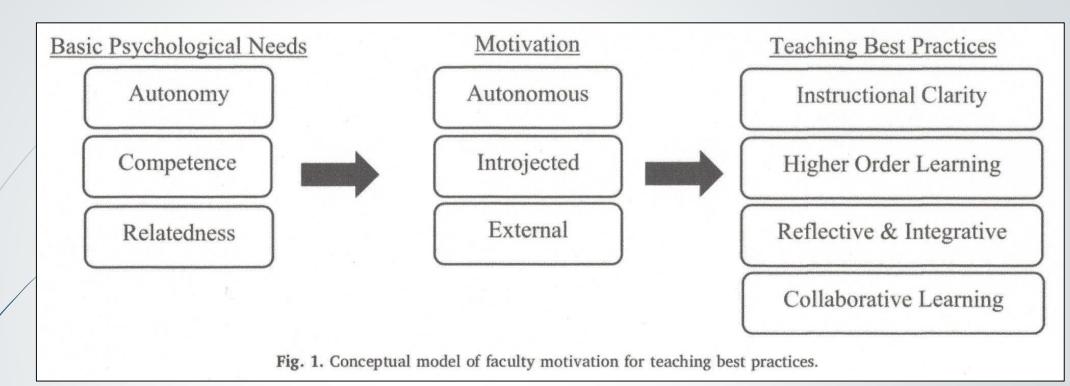


faculty & administrator is not optimal

Strongly Disagree 📕 Disagree 📕 Agree 📕 Strongly Agree

QA in HE

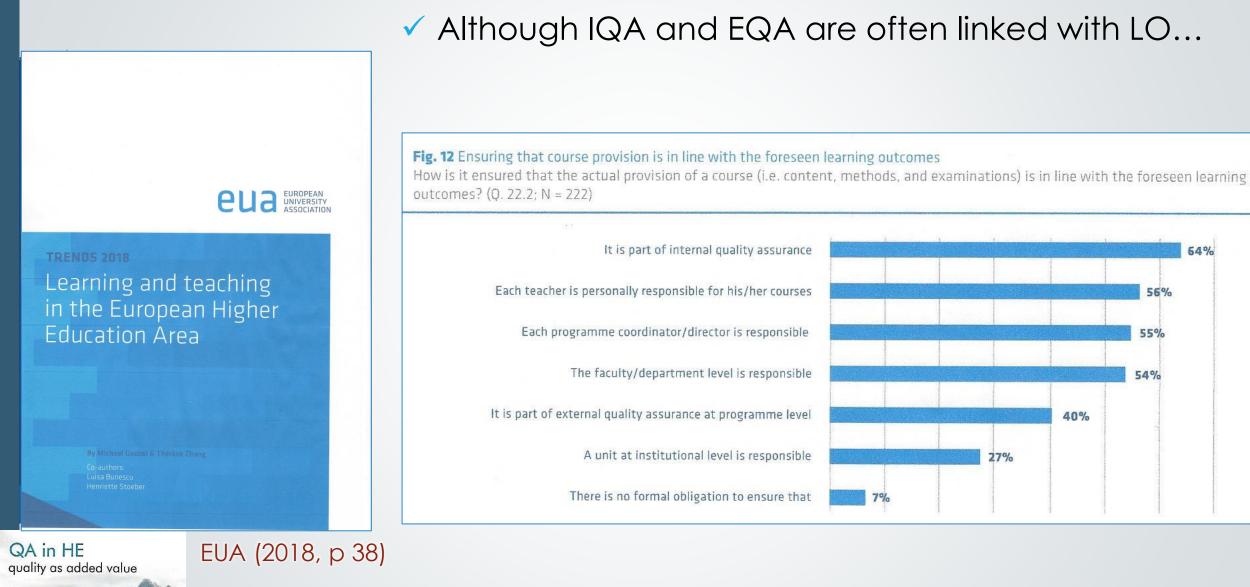
quality as added value



Autonomous motivation has significant positive predictive effects on all 4 learning outcomes while other external types of motivation, such as rewards, blame or punishment have little to no relationship with good teaching.

Based on Stupnisky's self-determination theory: people can function optimally in a given setting when their basic psychological needs are met.

Stupnisky, R.H. & BrckaLorenz, A. & Yuhas, B. & Guay, F. (2018), Faculty members' motivation for teaching and best practices, in *Contemporary Education Psychology*, vol. 53, April 2018, pp. 15-26



quality as added value

25%

39%

32%

28%

Continues to

cause problems

18%

5%

12%

11%

15%

Information

unavailable

22%

	 Although IQA and EQA ar 	re often	linked
	\checkmark there still seem to be quite	e some p	oroblen
eua european UNIVERSITY ASSOCIATION	Fig. 13 Issues encountered when implementing learning outcomes How would you describe issues encountered when implementing lear	ning outcomes? (Q.	22.3; N =222)
TRENDS 2018	Heavier workload for students	43%	15%
Learning and teaching	Designing curricula based on learning outcomes across the institution	30%	41%
in the European Higher Education Area	Insufficient resources to support staff in implementing learning outcomes	29%	21%
	Revising student assessment so to align them with the learning outcomes approach	23%	34%
	Time pressure for introducing learning outcomes	23%	34%
By Michael Gaebel & Thérèse Zhang Co-authors: Luisa Bunescu Henriette Stoeber		Has been no problem	Was a problem, but has been solved
QA in HE EUA (2018, p 39)			

Although IOA and EOA are often linked with LO... ms...

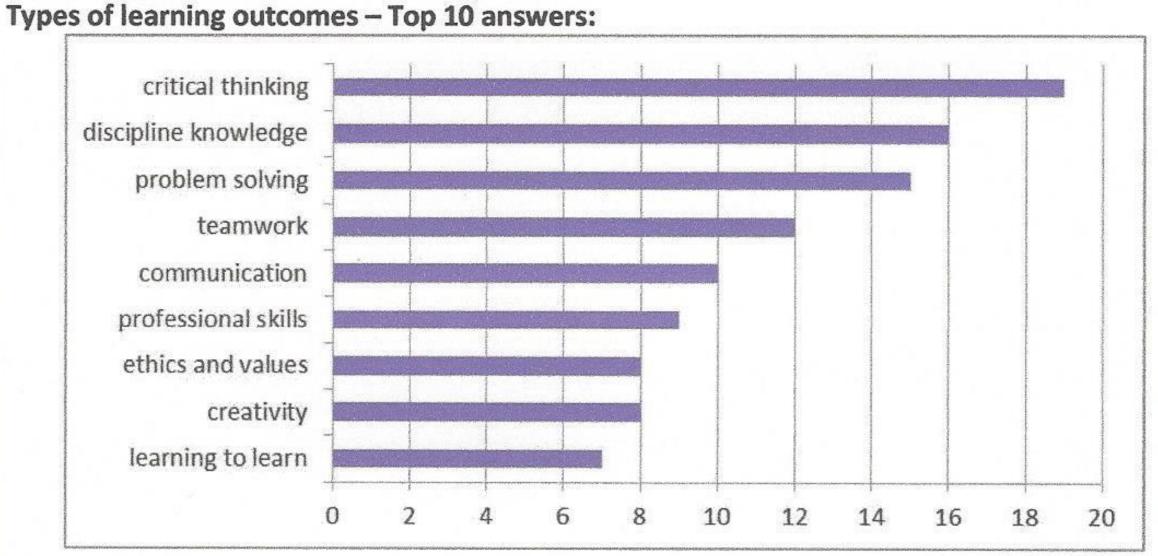
ASSESSMENT OF HIGHER EDUCATION LEARNING OUTCOMES

BETTER POL

ASSESSMENT OF HIGHER EDUCATION LEARNING OUTCOMES ASSESSMENT OF HIGHER EDUCATION LEARNING OUTCOMES

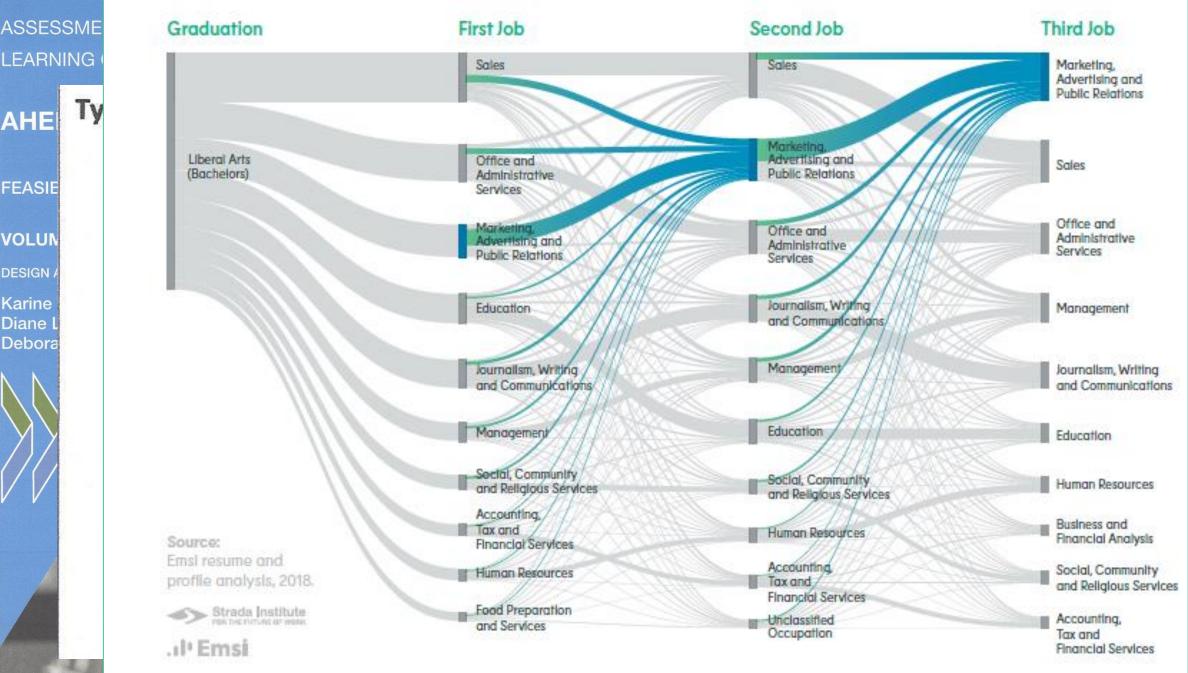
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- DESIGN
- Karine Diane L Debora



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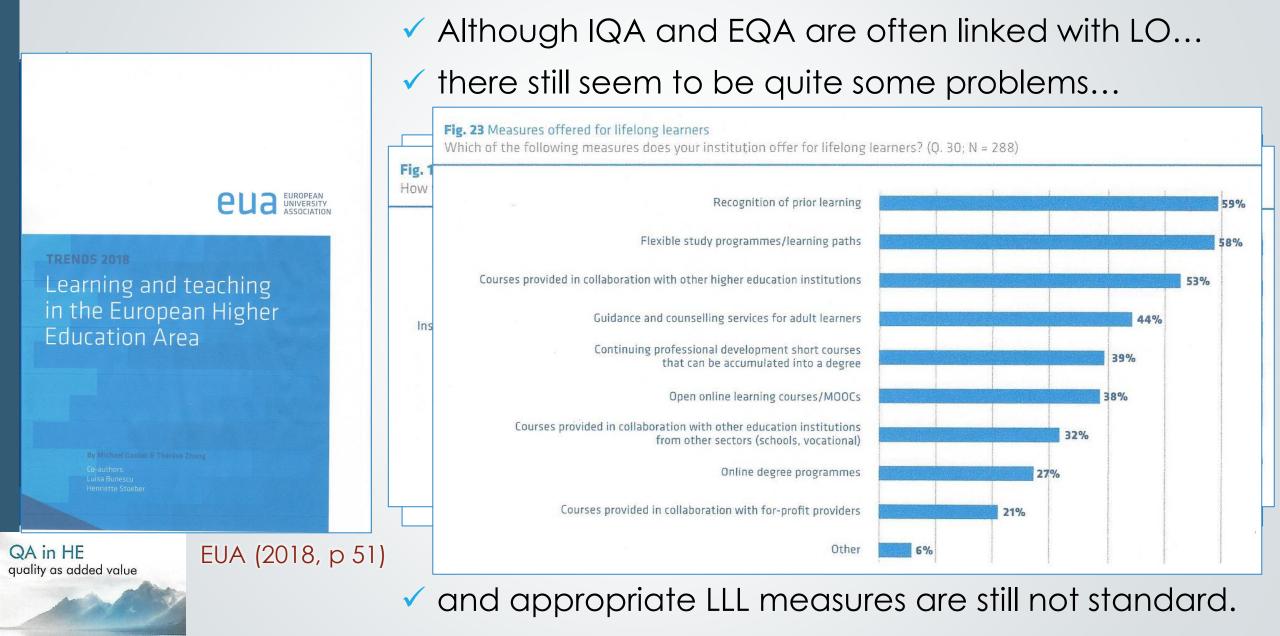


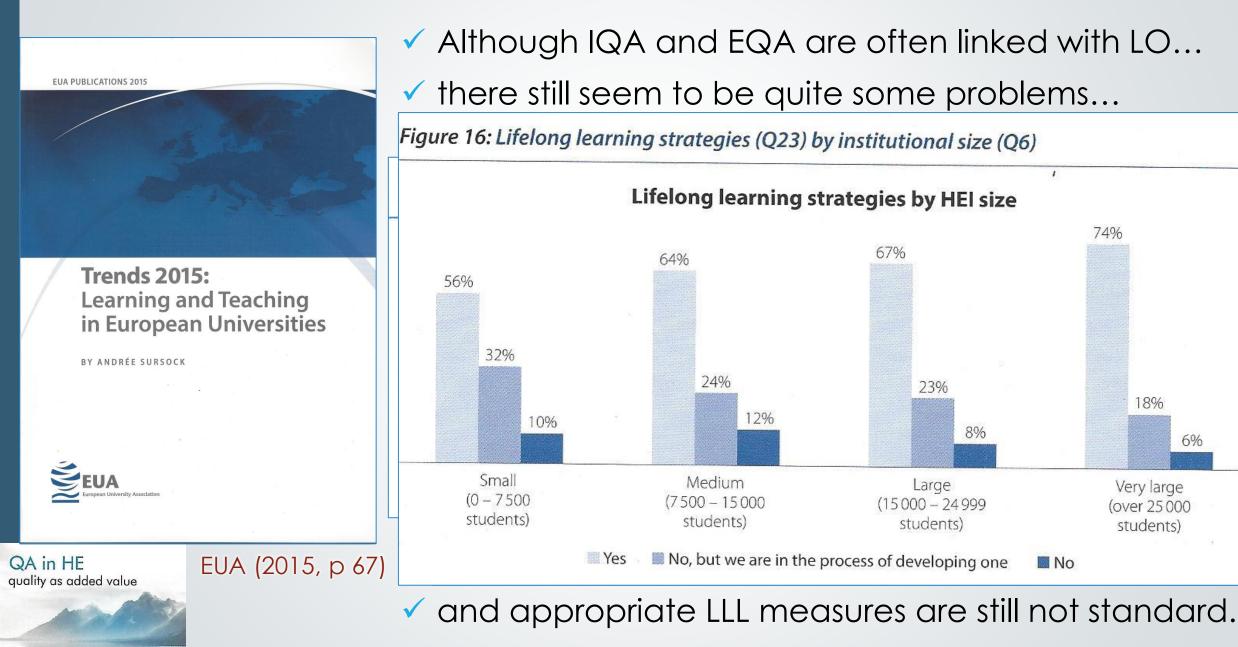


Competences that make the difference between innovative professionals & others

come with news ideas/solutions		2,97	
acquire new knowledge		2,44	
willingness to question ideas		2,34	
alertness to opportunities	2,24		
present ideas in audience	2,18		
analytical thinking	2,15		
master of your own field	2,11		
coordinate activities		2,05	
rite and speak a foreign language	2,02		
use computers and internet		2,00	
make your meaning clear		1,99	
use time efficiently		1,98	
mobilize capacities of others		1,97	
work productively with others		1,95	
write reports or documents		1,94	
perform under pressure	1,81		
knowledge of other fields	1,76		
negociate	1,76		
assert your authority	1,56		
1,	2,	00 4	

OECD





from strategy to policies: stakeholders, LO, LLL & impact

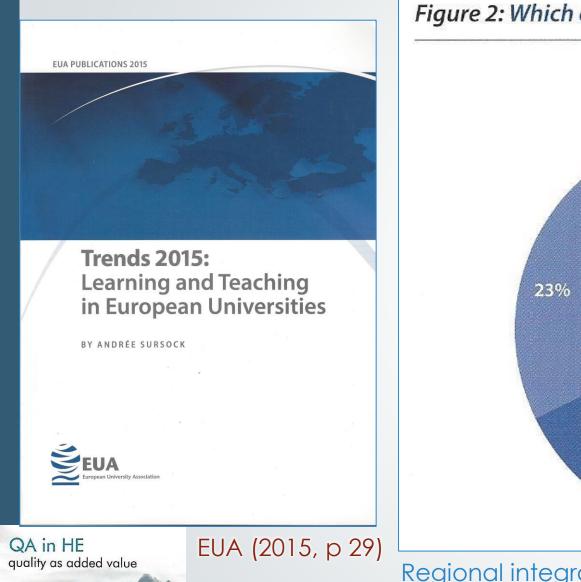
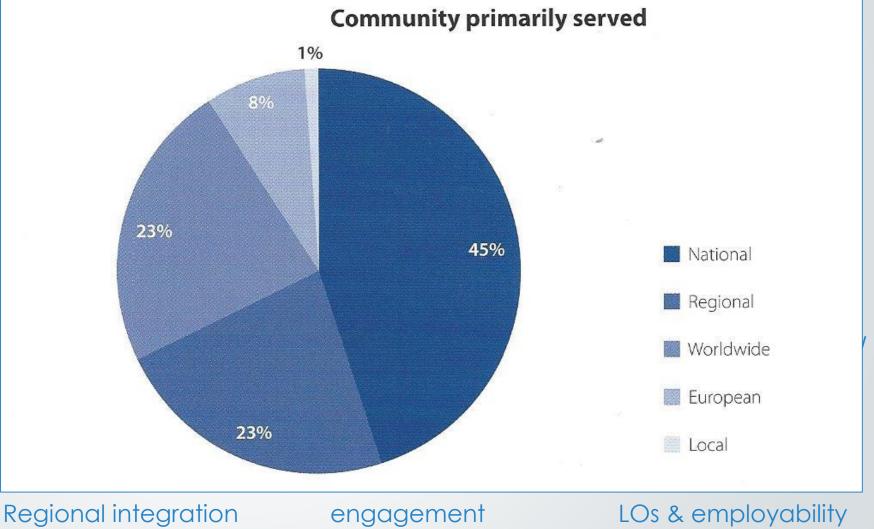
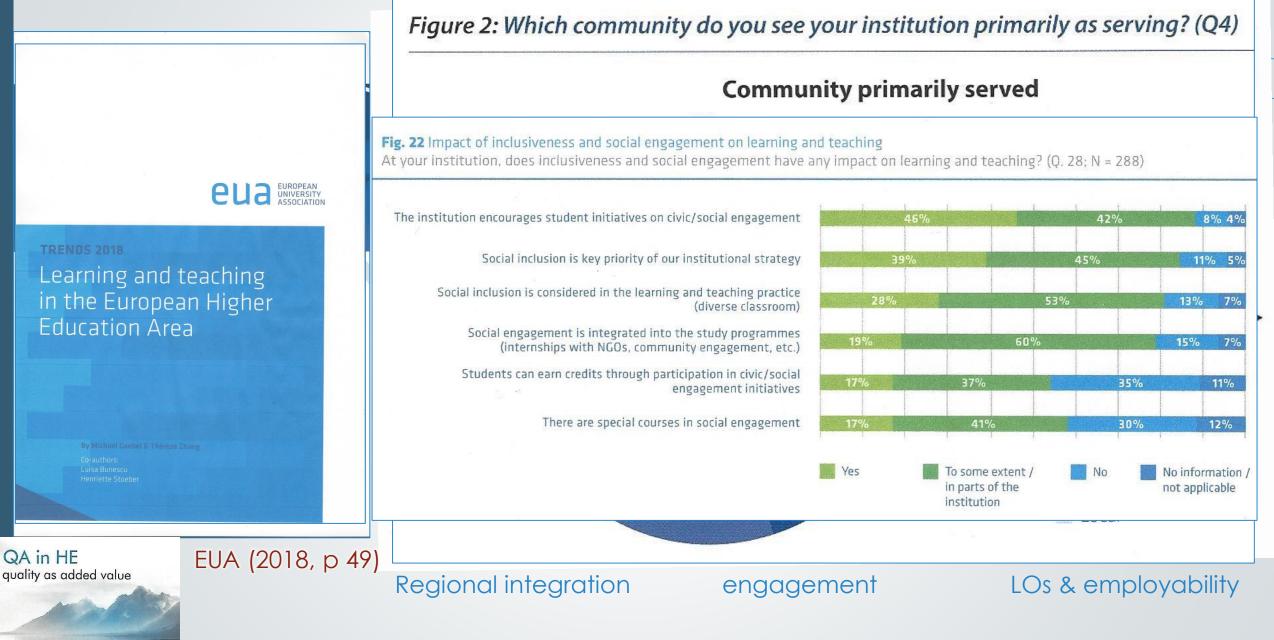
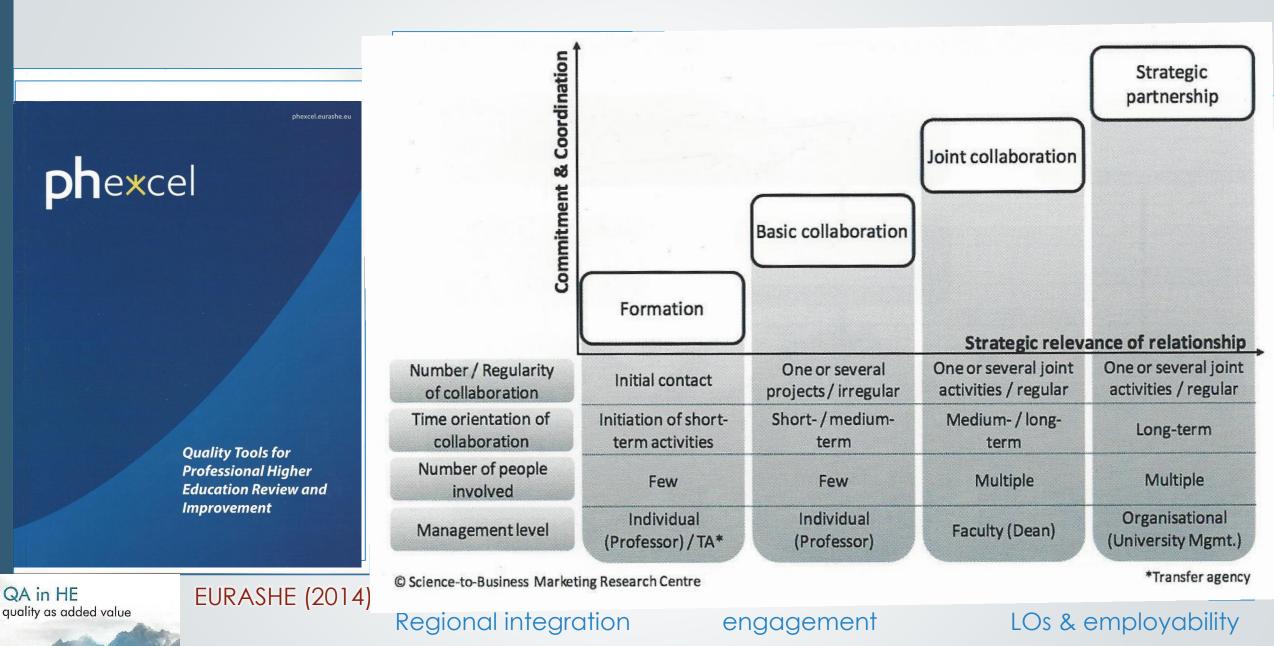


Figure 2: Which community do you see your institution primarily as serving? (Q4)





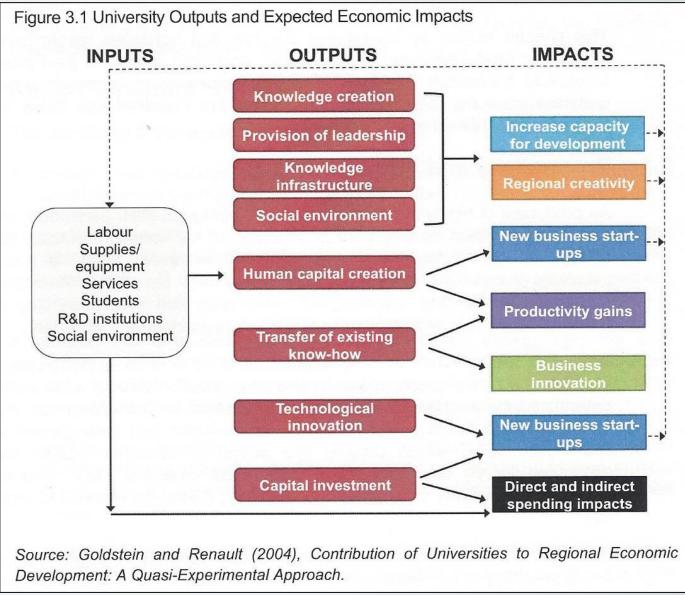
QA in HE



QA in HE

quality as added value

from strategy to policies: stakeholders, LO, LLL & impact

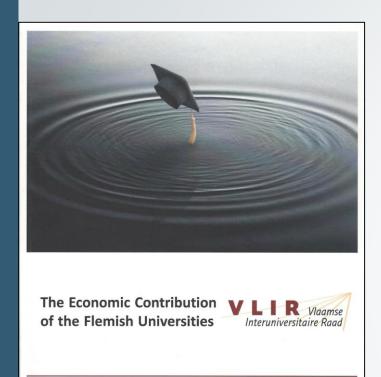


Regional integration

engagement

LOs & employability

from strategy to policies: stakeholders, LO, LLL & impact

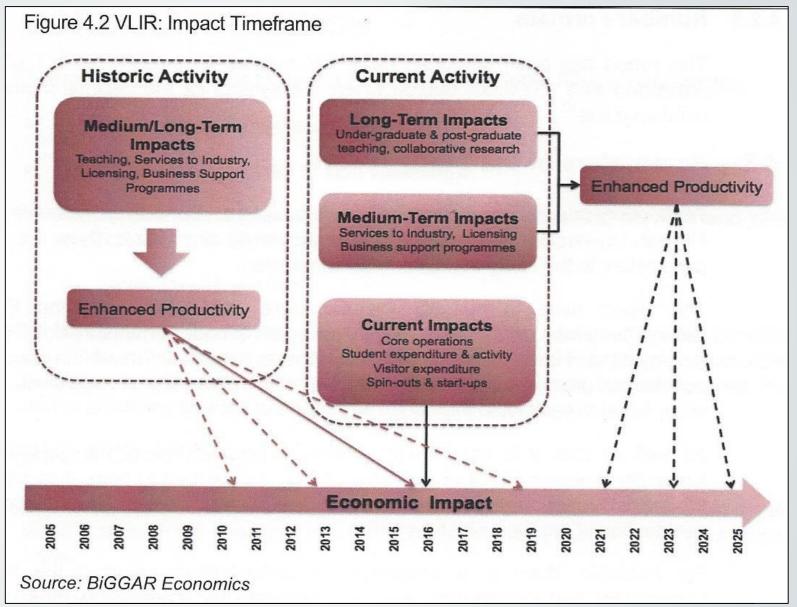


A report prepared by

BiGGAR Economics

December 2017

QA in HE quality as added value



Regional integration

engagement

LOs & employability

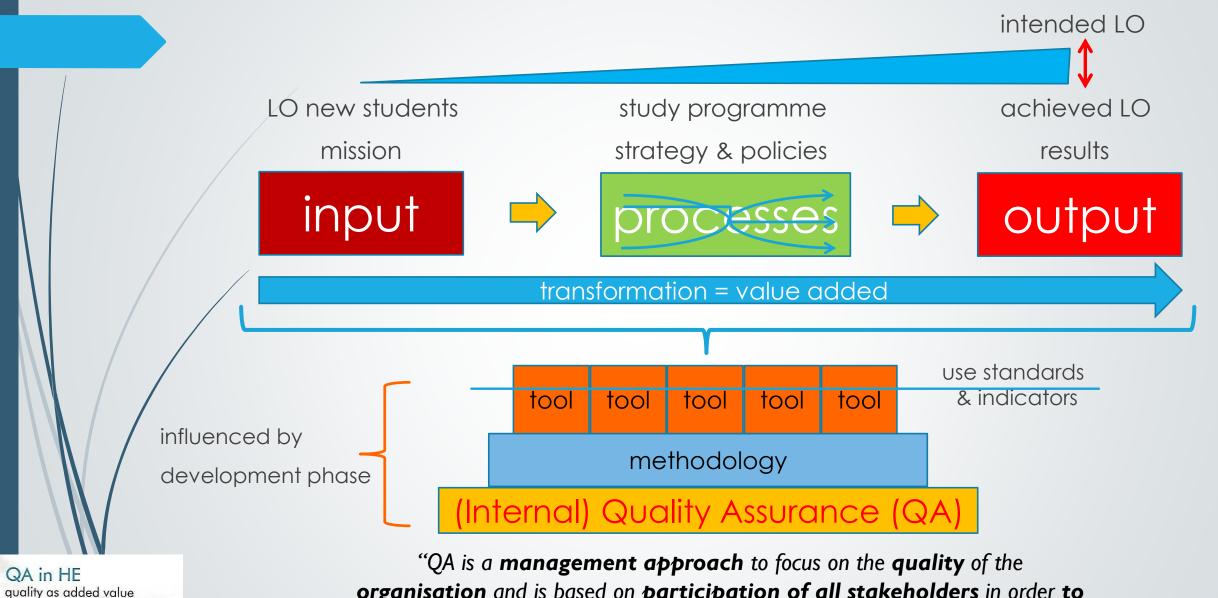
QA & STRATEGY deconstructing strategy for QA: KPIs & indicators

Lucien Bollaert

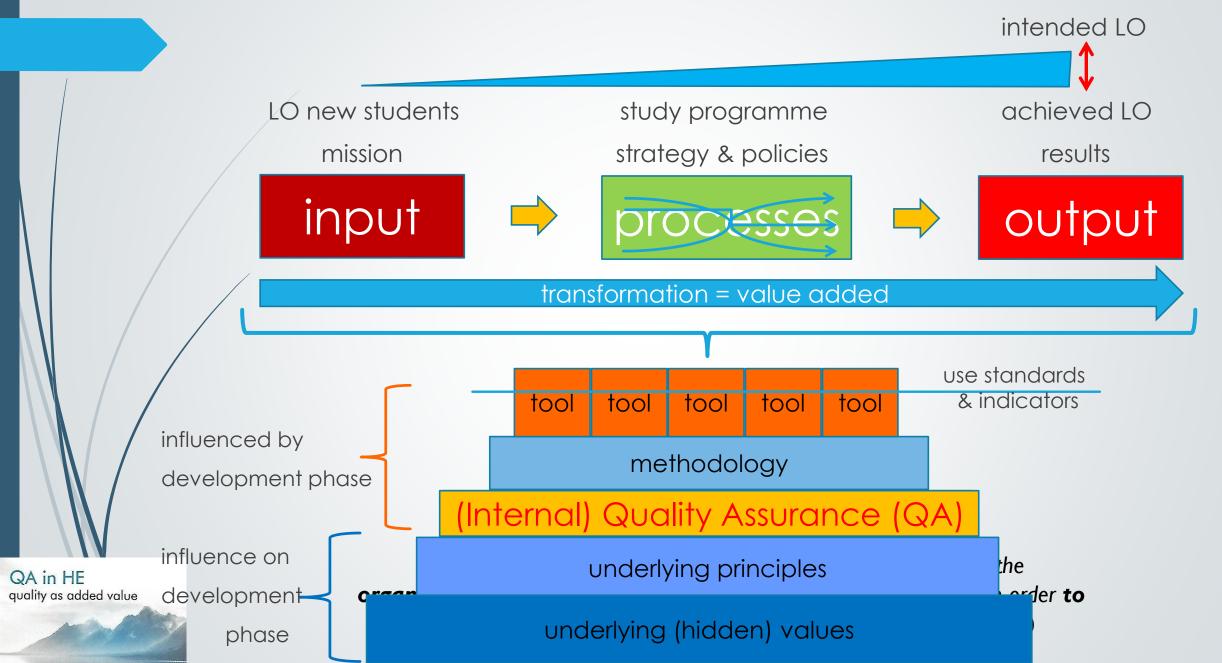
independent international QA expert visiting professor & board member QAAs EQAF Parallel plenary I 16 November 2018 Vienna



Examining Quality Cu	Do you have an internal evaluation process that provides feedback to the strategic planning in place? Please choose all applicable options.	
Part 1 — Quality Assu in Higher Education Ir	The institutional leadership evaluates annually the progress made in terms of achieving the goals set by the institution.	65.3%
By Tia Laukkola and Thérèse Zhang	The faculties (and/or relevant units) conduct regular self-evaluations to analyse their contribution to the achievement of institutional strategic goals.	55.9%
	The institution conducts regular surveys among the members of the institutional community (staff and students) to analyse their perception of the institutional strategy and its implementation at grass-roots level.	27.9%
	The institution has defined a set of key performance indicators and follows its progress based on them.	55.0%
EUA European University Association	The institutional strategy and the achievement of the goals set in it are revisited when the document is revised (every 3, 5 or N years).	52.7%
	Other	11.3%



organisation and is based on participation of all stakeholders in order to satisfy their expectations and aims as long as possible" (ISO)



Harvard Business Review

PAGE 96

JUST FOCUS ON YOUR BUSINESS AND THE REST WILL FOLLOW



44 Entrepreneurship Blitzscaling An interview with Reid Hoffman

54 Digital Transformation How Platforms Change Strategy Marshall W. Van Alstyne et al.

108 Managing Yourself Dealing with a Rude Colleague Christine Porath

KPIs & indicators

QA in HE

quality as added value

- Standard 1.7: information management
- Institutions should ensure that they collect, analyse and use relevant information for the effective management of their programmes and other activities
- Guideline
- (...) The information gathered depends, to some extent, on the type and mission of the institution. The following are of interest:
 - Key performance indicators;
 - Profile of the student population;
 - Student progression, success and drop-out rates;
 - Students' satisfaction with their programmes;
 - Learning resources and student support available;
 - Career paths of graduates.
- (...) It is important that students and staff are involved in providing and analysing information and planning follow-up activities.

 Indicator : breaks up standards into measurable and appropriate units in order to measure how much the organisation has achieved or is compliant with the standards

 Indicators should give information on the organisation's performance as far as quality of its requirements are concerned and help the organisation to improve its performance

QA in HE quality as added value 3 functions of indicators : measure, signal & communicate (internal & external)

(sub-)categories of indicators

- Quantitative indicators with a number
 - Qualitative indicators can't be presented as a number
- Input indicators measure the situation at the start of a process or the amount of resources consumed during the generation of the outcome
- Process indicators represent the efficiency or productivity of the added value during the process
- Output indicators reflect the outcome of results of the process activities
- Directional indicators indicate whether the organization is getting better
- Actionable indicators measure the organization's control to effect change

(non-)Financial indicators (don't) measure the finances of operations

Strategic indicators measure the realisation of strategic goals

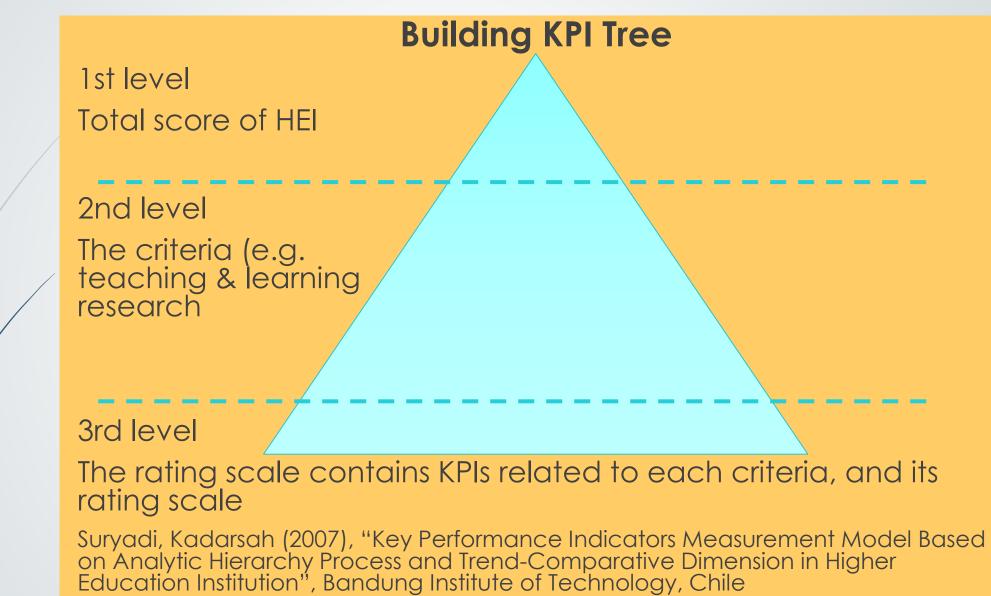
Areas Measured

- Admission
- Advancement
- 🗸 Alumni
- Athletics
- Business connections
- Commonity connections
- Course measures
- Connections with other
 educational institutions
- ✓ Employee & HR
- Enrollment

✓ Facilities

Ballard, J. Paul (2013), Measuring Performance Excellence: Key Performance Indicators for Institutions Accepted into the Academic Quality Improvement Program (AQIP), Western Michigan University dissertation

- Financial Aid
- Graduation Measures
- Grants & Research
 - Library Other Peer comparisons Retention Satisfaction
 - Strategic planning
 - Student engagement
- Student success
- Technology



KPIs & indicators

EQAF 2018: QA & Strategy



KPIs are performance indicators to measure the realisation of an organization's particular activity or strategic goal.

Ruilding KPI Tree

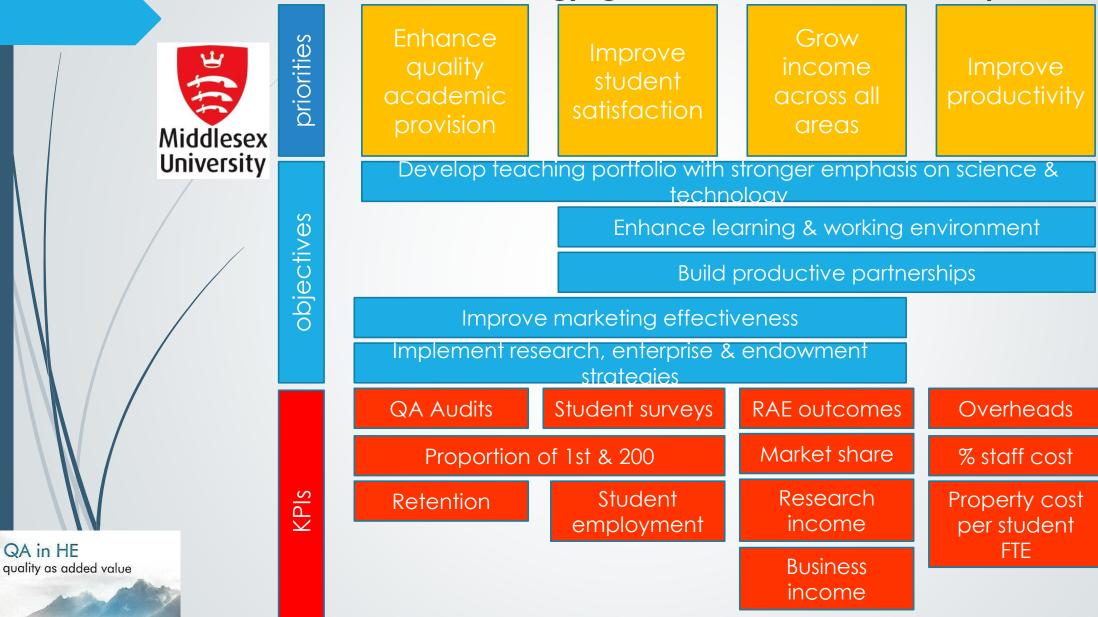
QA in HE quality as added value KPIs & indicators

Is the objective precise and well-defined? Is it clear? Can everybody understand it?	Specific	S
How will the individual know when the task he been completed? How will that be judged? What evidence is needed to confirm it?	as Measurable	Μ
Is the objective achievable? Is it within their capabilities? Are there sufficient resources?	Action-related	Α
Is it possible for the individual(s) to perform? How sensible is the objective in the current co Does it fit?	ulture? Realistic	R
Is there a deadline? Is it feasible to meet? Are there review dates? Is it appropriate to undertake the work now?	Time-related	T

QA in HE

KPIs & indicators

From strategy goals to KPIs: an example



What do we want to achieve?

How will we do it?

		Key Performance Indicators	Current Perform		
1.1.1	Strategic Themes	How will we measure progress?	What is our baseli		
	cross-	 Total Scottish-domiciled undergraduate entrants from SIMD 0-40 areas 	875		
C	utting hemes	2. Undergraduate retention from Year 1 to Year 2	93%		
	Dur	3. Student satisfaction (overall) as measured by the National Student Survey	89%		
1	alues	4. Proportion of graduates in work or further study relative to our	93.8% (HESA benchmark 94%)		

benchmark

5. Total postgraduate taught (PGT) population

	1		privage part 1	10.00	
incraa	se to a	100	トット・ド	112	020

Our Vision	 A diverse and vibrant student population An outstanding and distinctive student experience with high-quality student support throughout the learner journey High-quality learning and teaching 	 Enha Tailo Deveared and i Main and i 	ove our widening participation profile, whil nce our postgraduate/CPD offering and in r student support to individual transitions lop our learning and teaching infrastructu processes tain or improve current levels of student re satisfaction le greater student participation in interns	crease uptake re, technology systems etention, progression	ı, that d
Our Mission	 Engaged and internationally- aware students Knowledgeable, skilled and successful graduates Key Performance Indicator 	empl inclu • Deve globa spirit	oyment opportunities with industry, publi ding international experiences lop graduates who are engaged, enterpris ally and culturally aware, with the skills, ki to progress their careers and engage with Current Performance	c and third sector partners, ing, enquiring and ethically, nowledge and entrepreneurial	ility to nake
Strategic Themes	How will we measure progress		What is our baseline?	What are our ambi	tions?
Cross-	 Total Scottish-domiciled undergraduate entrants from SIMD 0-40 areas 	n	875	Achieve annual inta undergraduates by	
utting Themes	2. Undergraduate retention fro Year 1 to Year 2	m	93%	Maintain current ra 92 - 95% annually	nge of
Dur	3. Student satisfaction (overal as measured by the Nationa Student Survey		89%	Achieve 90% or hig	her annually
/alues	4. Proportion of graduates in w	ork	93.8% (HESA	Meet or exceed HES	SA benchmark annually

2,340 FTE

KPIs & indicators

University of Strathclyde Glasgow

EQAF 2018: QA & Strc

University of

Strathclyde Glasgow

Objectives

What do we want to achieve?

Strategies

How will we do it?

<u>& indicators</u>

- High quality research
- Increased research intensity
- A critical mass of well-trained researchers

- · Focus on agreed major research themes
- · Maximise the impact and value of our research across all areas
- Grow our population of high-quality postgraduate researchers (PGRs)
- Enhance researcher development training provision for research staff and students
- Build our research collaborations with leading academic partners, business, government and the third sector

Key Performance Indicators	Current Performance	Targets
How will we measure progress?	What is our baseline?	What are our ambitions?
Total competitively won research income (spend)	£52 million	Increase to £70 million by 2020
 Field-weighted citation impact: the number of citations our publications receive compared to the world average for comparable publications 	39% greater than the world average	Achieve an overall citation rate 50% greater than the world average by 2020
8 Total PCP population	A ADT FTE	Increase to 1 zeo FTE hu apap

QA in HE quality as added value

8. Total PGR population

1,135 FTE

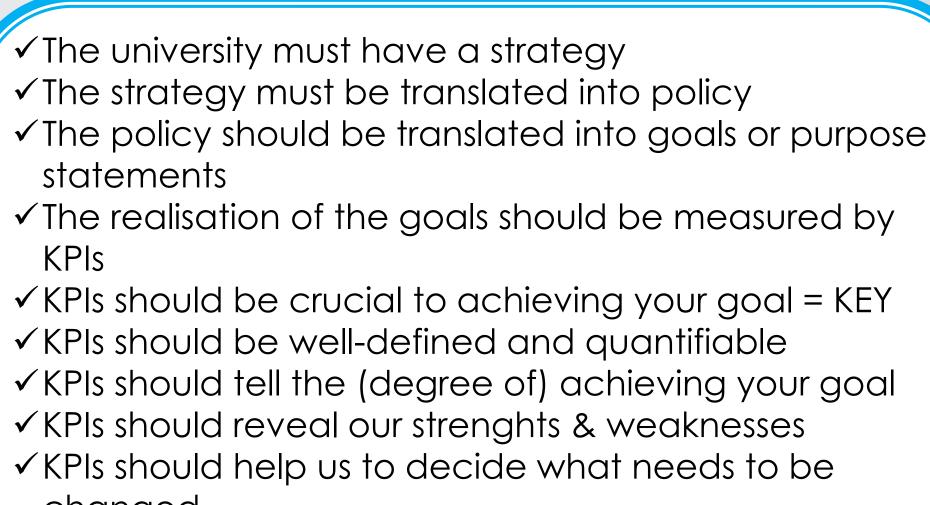
Increase to 1,750 FTE by 2020

	Objective	Student Indicators	Resource indicators		
EQAF 2018: QA & Strc	objective	Percentage of graduate students	Total amount of institutional income	& i	indicators
	What do we	Percentage of international students	Institutional income per student		
		Percentage of international undergraduate students	Institutional income from public sectors		
	• High qual	Percentage of international Master's students	Institutional income from student tuition fees		
	a Incrossor	Percentage of international doctoral students	Institutional income from tuition fees (per student)	as	
	 Increased 	Number of doctorates awarded	Institutional income from donations and gifts		
	A critical researche	Employment rate of Bachelor degree recipients (0-3 months after graduation)	Income of institution from its investment	rs (PGRs) arch staff	
Strathclyde _{Glasgow}		Employment rate of Master's degree recipients (0-3 months after graduation)	Research income: total amount		
		Employment rate of doctoral degree recipients (0-3 months after graduation)	Research income per academic staff member	tners,	
			Research income from public sector		
			Research income from industry		
		Academic Staff Indicators	ARWU World Ranking Indicators		
	Key Perfo	Total number of academic staff	Number of alumni who are Nobel laureates and Fields medallists		
	How will w	Number of academic staff with teaching responsibilities	Number of staff who are Nobel laureates and Fields medallists		
	6. Total co	Number of academic staff engaged in research only	Number of frequently quoted researchers	20	
		Percentage of academic staff with doctorates who have teaching responsibilities	Number of papers published in Nature and Science		
		Percentage of academic staff with doctorates who are engaged in research only	Number of articles in SCI and SSCI	ld	
QA in HE quality as added value	publicat the worl publicat	Percentage of international academic staff engaged in research only			
quany as added value		Ratio of academic staff with teaching responsibilities to students			
	8. Total PG	Ratio of all academic staff to students			

<u>EQAF 2018: QA & Strc</u>	Objective P What do we P	Category weight 2010	Category weight 2011 and 2012	Broad categories/ Indicators	Indicators	Indicator weight 2010	Indicator weight 2011 and 2012		<u>& indicators</u>
	 High qual P Increased 	2.5%	2.5%	Economic activity/Innovation (2010) Industry income: innovation (2011 and 2012)				as	
	• A critical E	5%	7.5%	Research income from industry (per academic staff member) International outlook		2.5%	2.5%	rs (PGRs)	
University of Strathclyde Glasgow	researche ((E		1.5 /0	Ratio of international to domestic staff Ratio of international to domestic students	Change of weight Change of weight	3%	2.5%	arch staff	
	((E (()			Proportion of published papers with international co-authors, normalised* to account for a university's subject mix	New indicator introduced	2%	2.5% 2.5%	rtners,	
		30%	30%	Teaching: the learning environment					
				Reputation survey: teaching		15%	15%		
				Ratio of doctorates awarded to number of academic staff, normalised* since 2011	Changes in calculation method due to normalisation	604	6%		
	Key Perfo To			2010: ratio of new (first-year) undergraduates to academic staff members 2011 and 2012: overall student/ academic staff ratio ¹⁷	Change of indicator definition involving different calculation method	4.5%	4.5%		
	How will we re			Ratio of doctorates to Bachelor degree awards		2.25%	2.25%		
	N		THE R. LOW, LAW, MILLION,	Income per academic staff member		2.25%	2.25%		
	6. Total co	30%	30%	Research: volume, income and reputation				10	
	income Pe			Reputation survey: research	Change of weight	19.5%	18%		
	7. Field-we Pe				Change of calculation method, Change of weight	5.25%	6%		
	the num ^{ar} publicat _{Pe}	and the second se		Published papers per academic staff member/ normalised* by subject since 2011	Change of calculation method, Change of weight	4.5%	6%	td	
QA in HE quality as added value	the worl in publicat			Ratio of public research income to total research income	No indicator	0.75%			
	to	32.5%	30%	Citations: research influence			were the same		
	8. Total PG			Impact – average citations per published paper, normalised* since 2010	Change of weight	32.5%	30%		

QA in HE

quality as added value



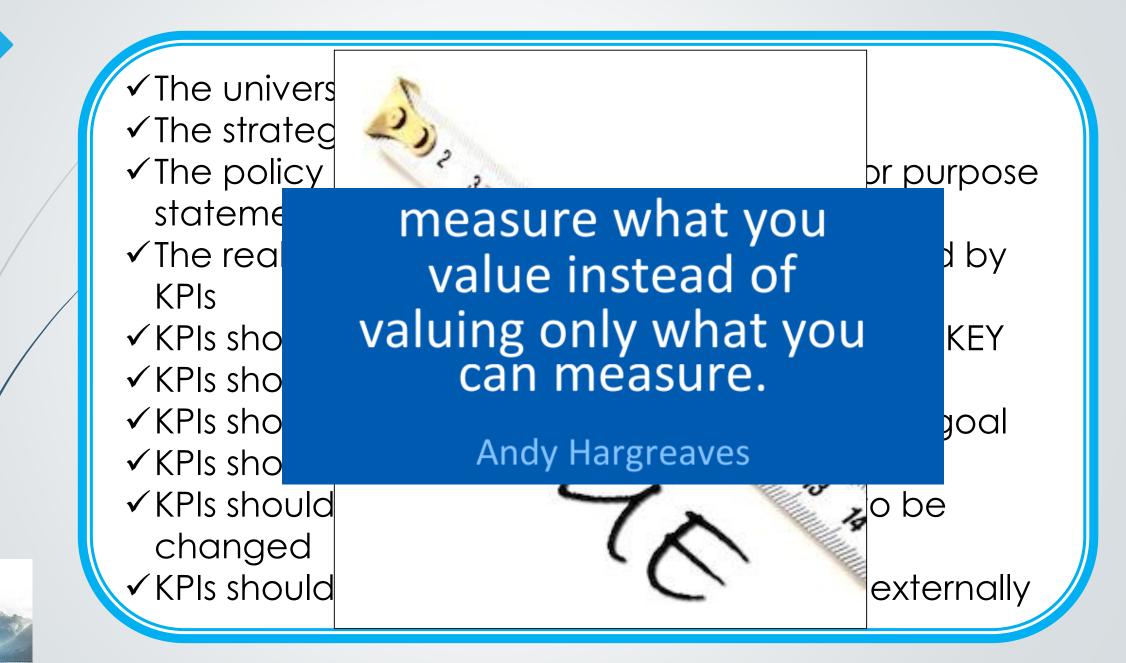
changed

✓ KPIs should be communicated internally & externally

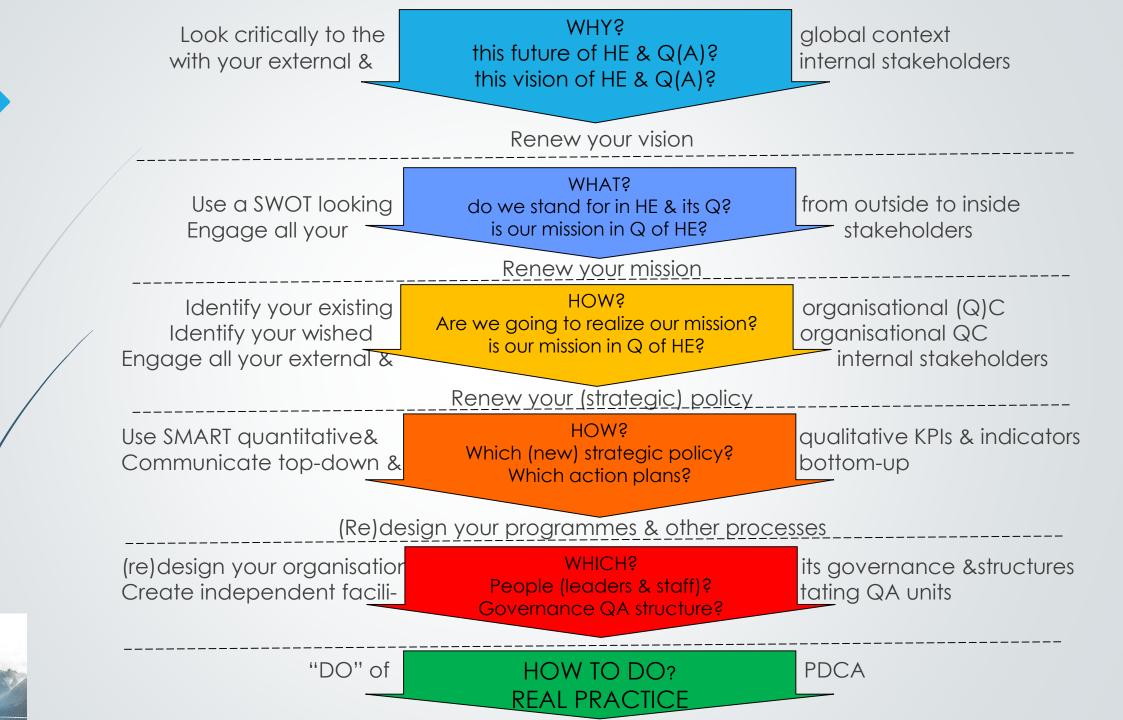
QA in HE

quality as added value

KPIs & indicators



Why do we measure? To understand ✓To monitor To manage To improve



QA & STRATEGY

Pitfalls of QA on strategy

Lucien Bollaert independent international QA expert visiting professor & board member QAAs EQAF Parallel plenary I 16 November 2018 Vienna

QA in HE

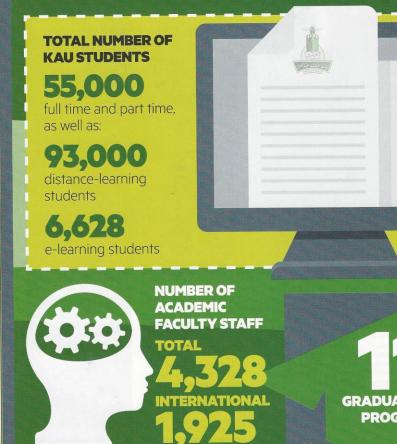
quality as added value

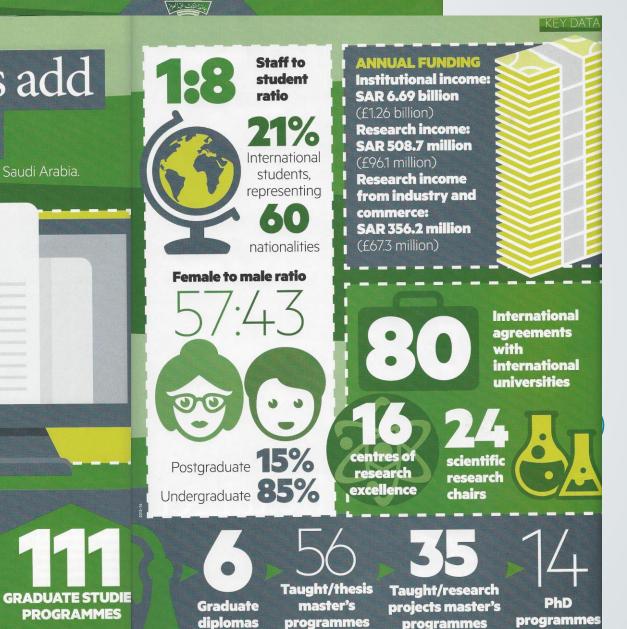
pitfalls of QA on strategy



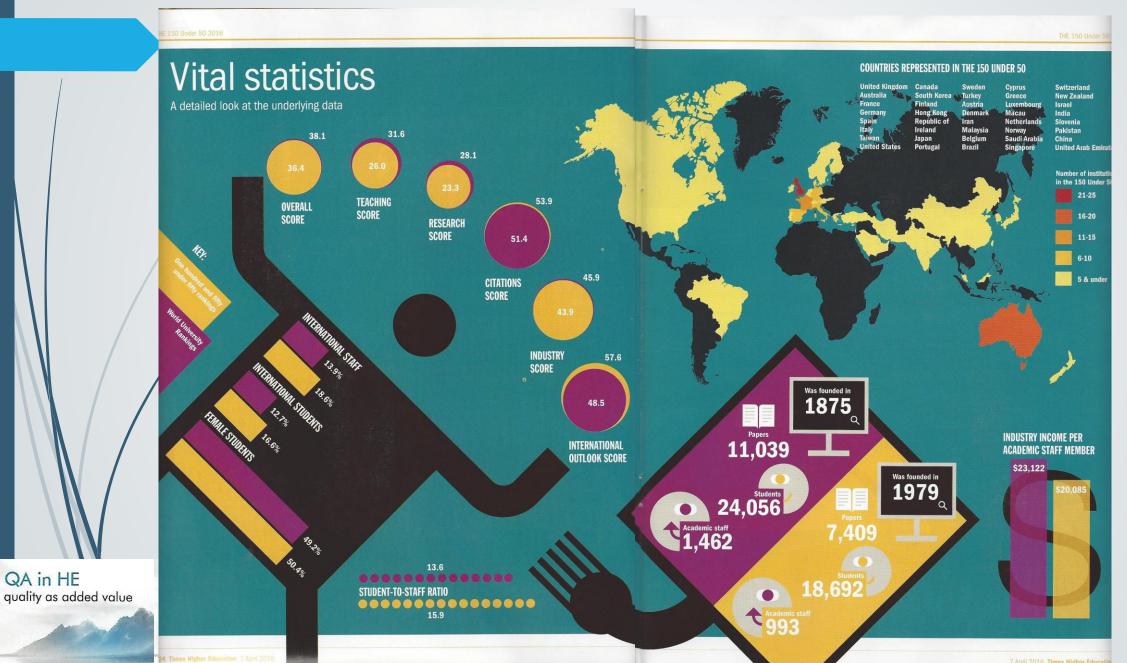
How the figures add up to the whole

King Abdulaziz University is the largest university in Saudi Arabia. Here is a breakdown of the constituent numbers





pitfalls of QA on strategy



EQAF 2018: QA & Str



quality as added value

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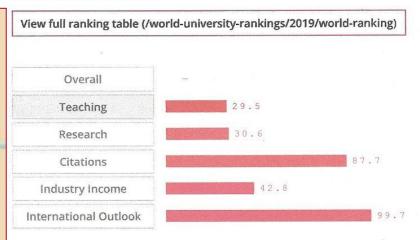


pitfalls of QA on strategy

Search BREAKDOWN OF RANKING:

World University Rankings

2019 Rank: 201-250



category "Citations"

Iniversity of Luxembourg ranked 77 worldwide. This indicator rs' publications are quoted by scholars globally, using data mic journals. "We are very pleased with the results," Prof. ally our repeatedly outstanding performance in Citations is a excellence in research that we have achieved." Earlier this for universities younger than 50 years, where the University of th.

hkings evaluate the strengths of a university in the areas of nal outlook, Industry income and Citations based on 13



7 April 2016 Times Higher Education



QA in HE

quality as added value

KPIs & rankings

- Most rankings are more driven by research indicators and reputation
- They mostly do not take into account the vision and mission of the HEI
- They do not indicate the real quality in terms of added value, but mostly only of outcome
- Their indicators can be inspiring for setting up KPIs on specific goals or activities, e.g. research or international population
- Though critical of rankings HEIs still use them for information, benchmarking, institutional decisionmaking and last but not least marketing



The Metric Tide

14

Report of the Independent Review of the Role of Metrics in Research Assessment and Management

July 2015

pitfalls of QA on strategy

pitfalls of QA on strategy

EQAF 2018: QA & Strategy

The Motrie Tide

7 deadly sins of measuring and how to avoid them Michael Hammer (2007) 1. Vanity: only measure to look good. 2. Provincialism: organizational boundaries and concerns dictate the metrics. 3. Narcissism: measure from one's own point of view rather than from the customer.

4. Laziness: assuming one knows what is important to measure without giving it adequate thought or effort. 5. Pettiness: measure only a small component of what matters. 6. Inanity: not thinking about the consequences on human behaviour & performance. 7. Frivolity: not being serious about measurement in the first place.

The Motrie Tide

"Don't track traditional metrics. Instead of worrying about typical customer satisfaction measures (...), organizations should look at the number of value-adding service ideas put into practice. It's not that conventional metrics are unimported, the researchers say, but because they are "lagging indicators", they can bog down efforts to achieve rapid, dramatic change."

QA in HE quality as added value Mark Pernice, "Revolutionizing Customer Service", HBR April 2016, p.27

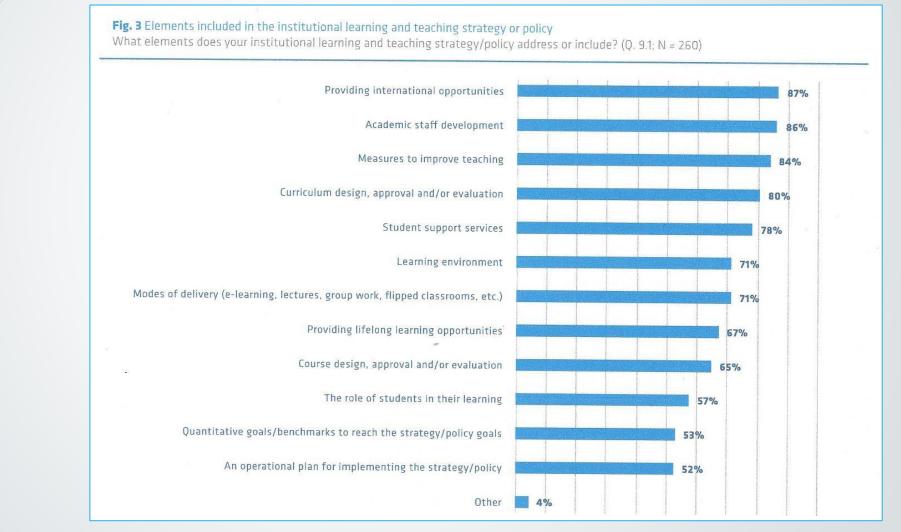
QA in HE

quality as added value

KPIs and metrics

- Metrics are nationally imposed quantitave indicators that are supposed to indicate the degree of quality or of performance of a HEI
- They are mostly linked to policies on subsidy from the state/government
- Sometimes linked with risk-based approach in national EQA
- Do not take into account the differences in mission, strategy, resources, locations, etc of HEI

 Only 53% of institutional learning and teaching strategies or policies use quantitative goals/benchmarks to reach strategy/policy goals



Gaebel, M. & Zhang, T. (2018), Trends 2018: Learning and teaching in the EHEA, EUA: Brussels, p. 15

TRENDS 2018 Learning and teaching in the European Higher Education Area

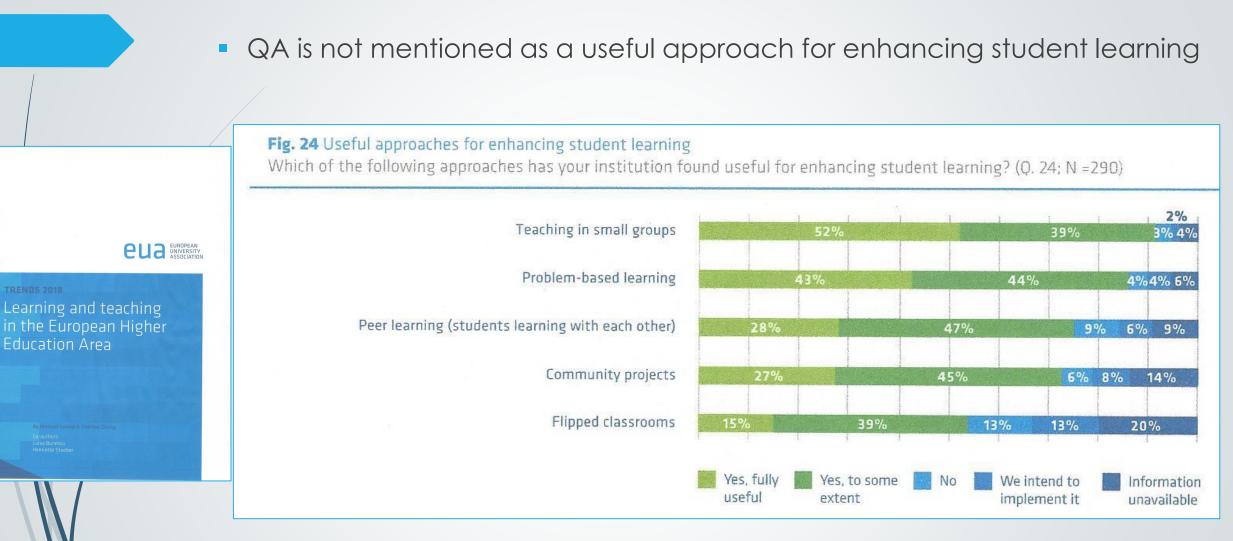
> By Michael Gaebel & Thèr Co-authors: Luisa Bunescu Henriette Stoeber

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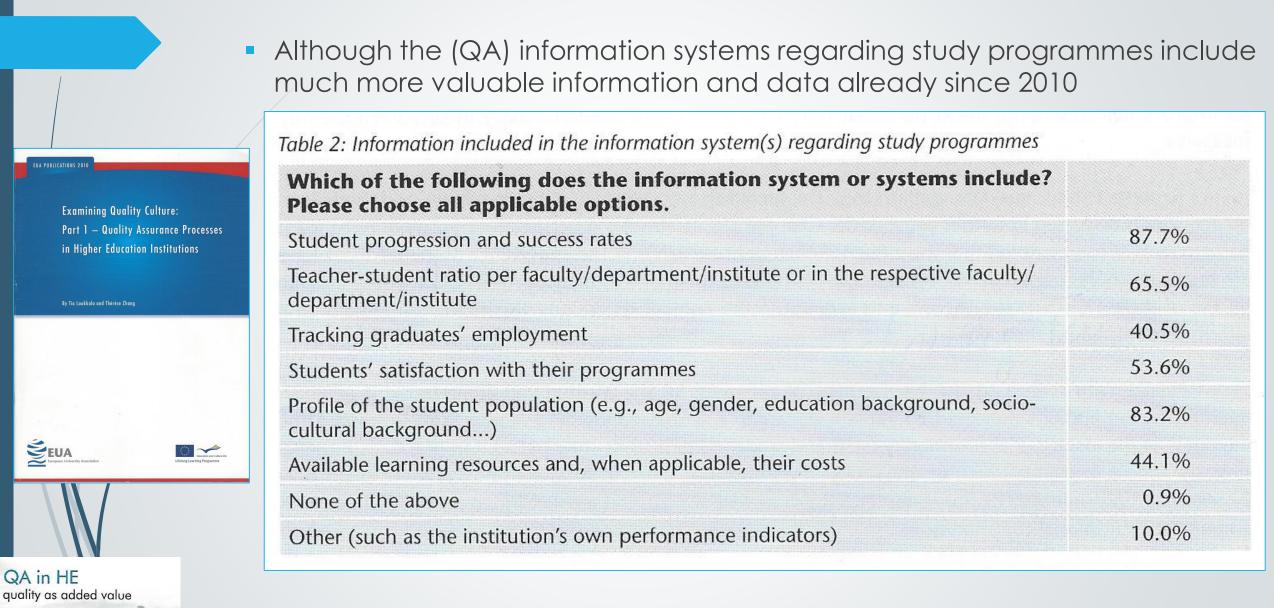
quality as added value

QA in HE

quality as added value



Gaebel, M. & Zhang, T. (2018), Trends 2018: Learning and teaching in the EHEA, EUA: Brussels, p. 55



Loukkola, T. & Zhang, T. (2010), Examining Quality Culture Part 1, EUA: Brussels, p. 27

	Table 2:	Table 3: Information provided by the institution on its study programmes		
EUA PUBLICATIONS 2010	Whic	The information on your institution's study programmes include: Please choose all applicable options.		
Examining Quality Culture:	Please	Number of students currently involved in the programme	76.1%	
Part 1 — Quality Assurance Processes in Higher Education Institutions	Studer	Number of academic staff involved in the programme	70.3%	'%
	Teache	Teacher-student ratio in the respective faculty/department/institute	44.6%	%
By Tie Loukkola and Thérèse Zhang	depart	Information on the intended learning outcomes of the programme	81.5%	
<image/>	Trackir	Information on qualifications granted by the programme	86.9%	%
	Studer	Information on the teaching, learning and assessment procedures used within the programme	82.0%	6%
	Profile cultura	Information on the learning opportunities (e.g., traineeships, exchange programmes, mobility possibilities, scholarships) available to the students of the programme	78.8%	.%
	Availal	Information on alumni employment	45.5%	
	None	Profile of the current student population	43.2%)%
	Other	Specific information targeting international students	64.0%)%
in HE		Accessibility and/or possibilities offered to disabled students	49.5%	
y as added value		Other	5.0%	

Loukkola, T. & Zhang, T. (2010), Examining Quality Culture Part 1, EUA: Brussels, p. 27

QA in HE

quality as added value

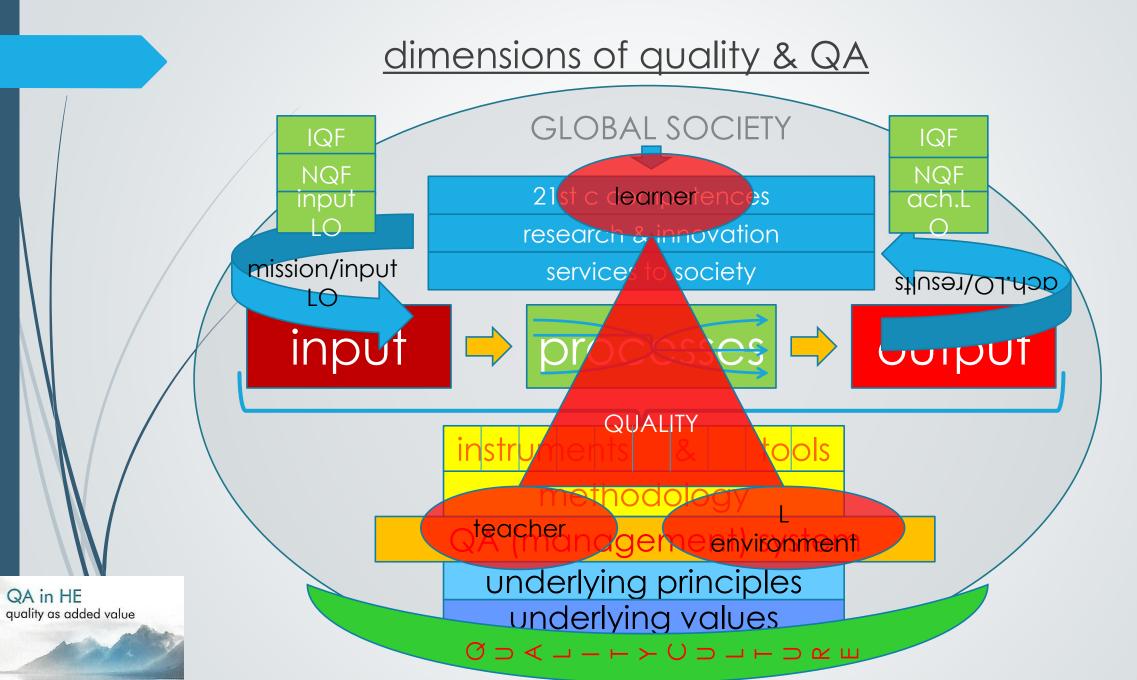
Pitfalls of QA on strategy

- Only self-fulfilling numbers for marketing
- Numbers externally inspired by rankings, national (funding) indicators or (inter)national strategic
- ✓ No link with own vision, mission or culture
- Only quantitative data
- Only controlled by management alienating all other stakeholders (and processes)
- Not integrated in the other QA activities on learning and teaching or even research and engagement
- ✓ QA only using metrics
- QA only focussed on strategy and not on the quality as added value of learning, teaching & research

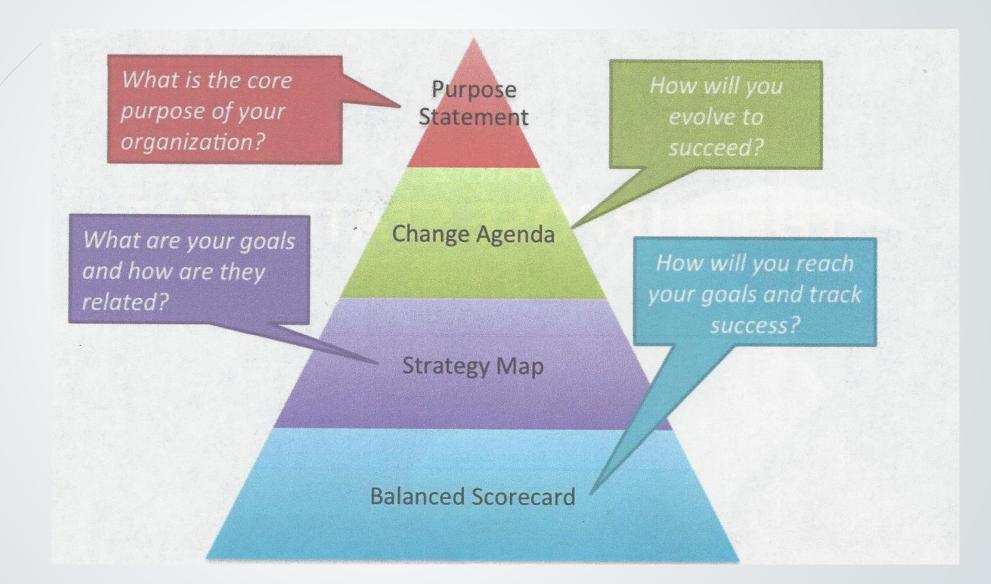
QA & STRATEGY

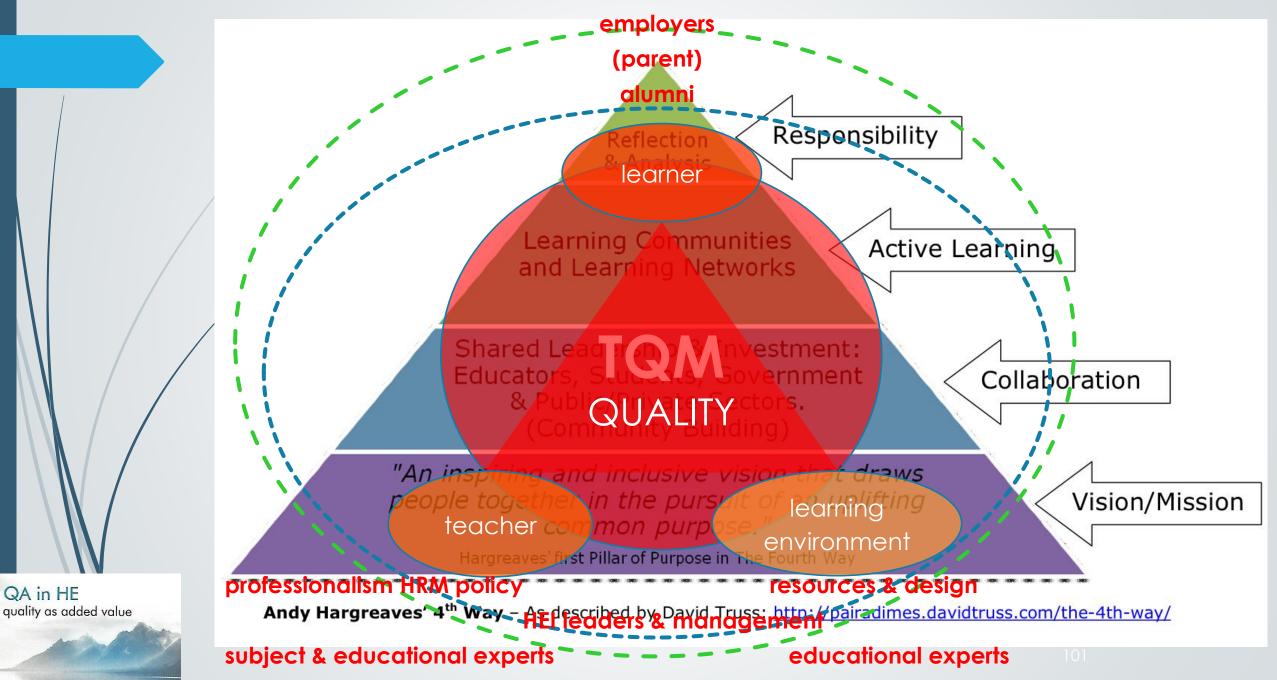
Some conclusions

Lucien Bollaert independent international QA expert EQAF Parallel plenary I 16 November 2018 Vienna



The Balaced Scorecard Tree





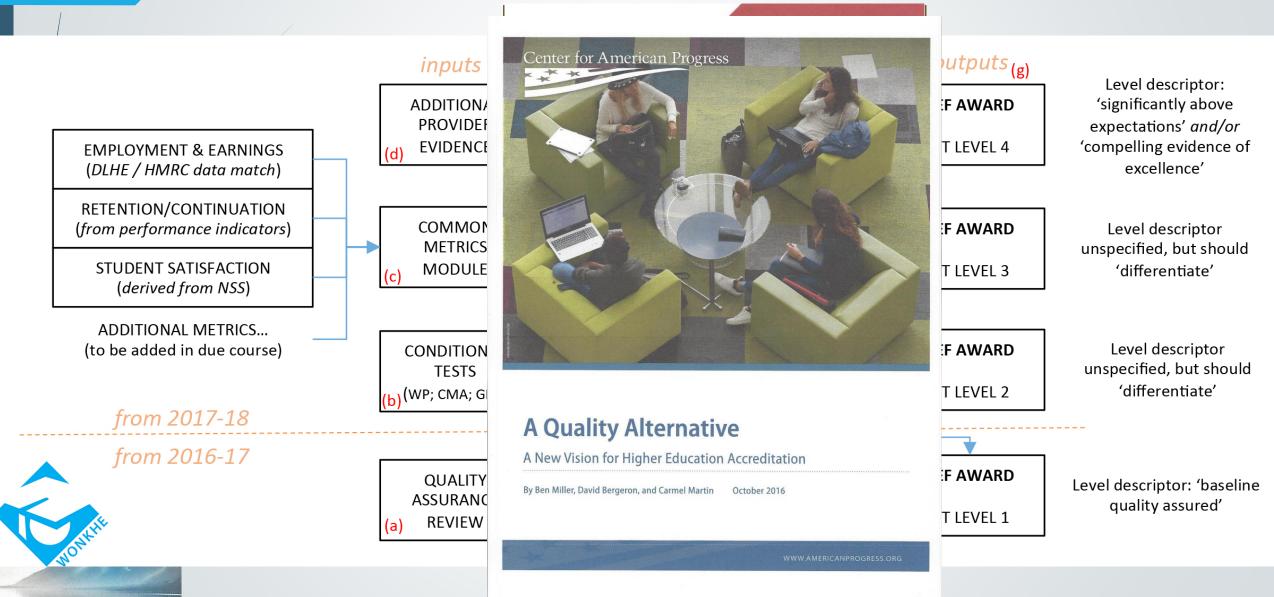
EQAF 2018: QA & Str

QA in HE

Jsions



in need of a new generation of QA?



the need of a new generation of QA!

- taking into account new contexts, new challenges, concepts of contextual quality, the dimension of quality culture, and stakeholders' involvement and commitment
- > doing away with bureaucratic window-dressing
- replacing it with innovative means of ownership of quality, quality policy and QA by those who create quality and all stakeholders concerned
- related to the vision, mission, (strategic) policy of a HEI/study programme and its students' life-times and employability
- Inked with research and social responsibility/relevance
- breaking QA open internationally regulated by ESG & EQAR

Quality Assurance of the near future: ARE WE READY?

- from study programme to institutional <u>level</u> ?
- global mission & (strategic) policy vs budget cuts!
- vision of <u>co-creative community</u> with all stakeholders: education (applied) research – impact to society (from local to global)
- student-centred learning = <u>co-creation</u> of learning (revised ESG)
- LLL | Social relevance employability
- more generic & less <u>standards</u> essential indicators : risk-based approach (metrics) vs own (strategic) indicators
- increase of professional control & labels vs subject-specific peers
- internationalisation of QA : joint programmes, QAAs, international recognition through single audit
- <u>quality culture</u> : acknowledge existing & wanted, shared values



QA in HE

quality as added value

- Be inspired in your vision and leadership by answering the question WHY
 - Be realistic in your strategy (cf SWOT)
- Involve committed internal stakeholders & engaged external ones
- Strive constantly to do better/excellence starting from where you are
- Document yourself with data starting from your own reality, mission & strategy, and culture
- Only use external indicators if you value them
- About the real experiences from input through processes to output, outcome and impact
- Link your strategy with the central processes...
- But do not limit them to one

QA in HE

quality as added value

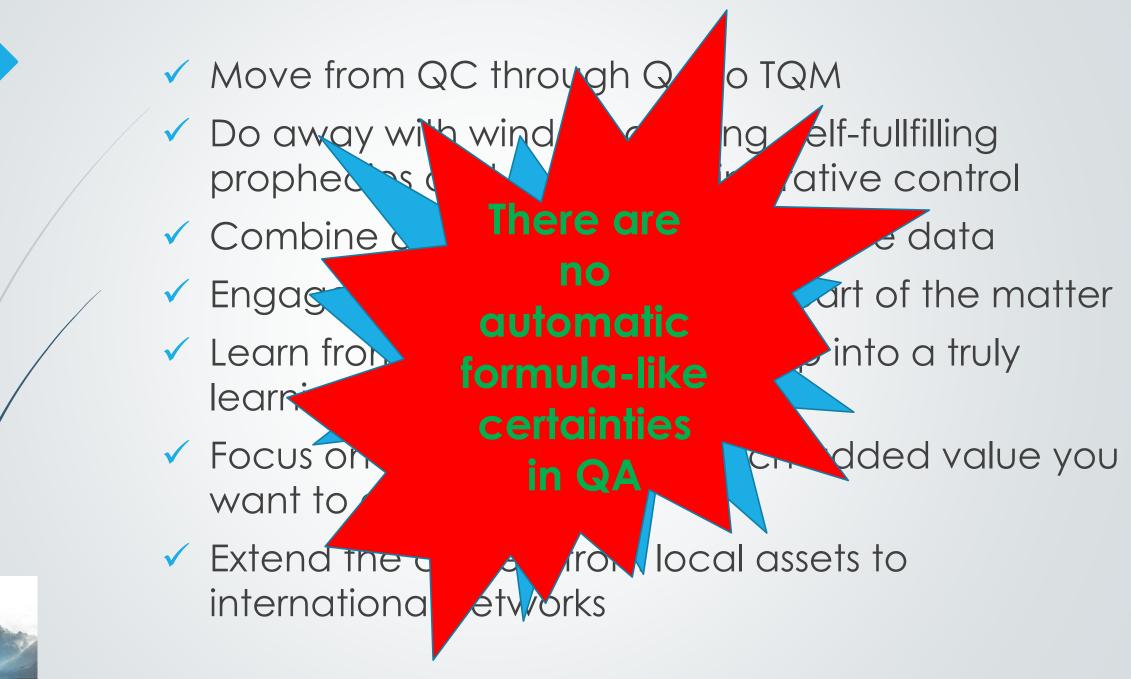
- Move from QC through QA to TQM
- Do away with window-dressing, self-fullfilling prophecies and purely administrative control
- Combine quantitative with qualitative data
- Engage all stakeholders to the heart of the matter
- Learn from your failures = develop into a truly learning organization
- Focus on culture and how much added value you want to create
- Extend the context from local assets to international networks



some conclusions

QA in HE

quality as added value



Harvard Business Review

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JUST FOCUS ON YOUR BUSINESS AND THE REST WILL FOLLOW



44 Entrepreneurship Blitzscaling An interview with Reid Hoffman

54 Digital Transformation How Platforms Change Strategy Marshall W. Van Alstyne et al.

108 Managing Yourself Dealing with a Rude Colleague Christine Porath

some

some conclusions

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HOW TO REALLY

FAILURE

MAY 2016

94 The HBR Interview HP's Meg Whitman on Creating a Sense of Urgency

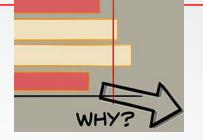
40 The Big Idea Embracing Agile Darrell K. Rigby, Jeff Sutherland, and Hirotaka Takeuchi

80 spotlight Hedge Your Strategic Bets George Stalk Jr. and Ashish Iyer

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QA in HE quality as added value

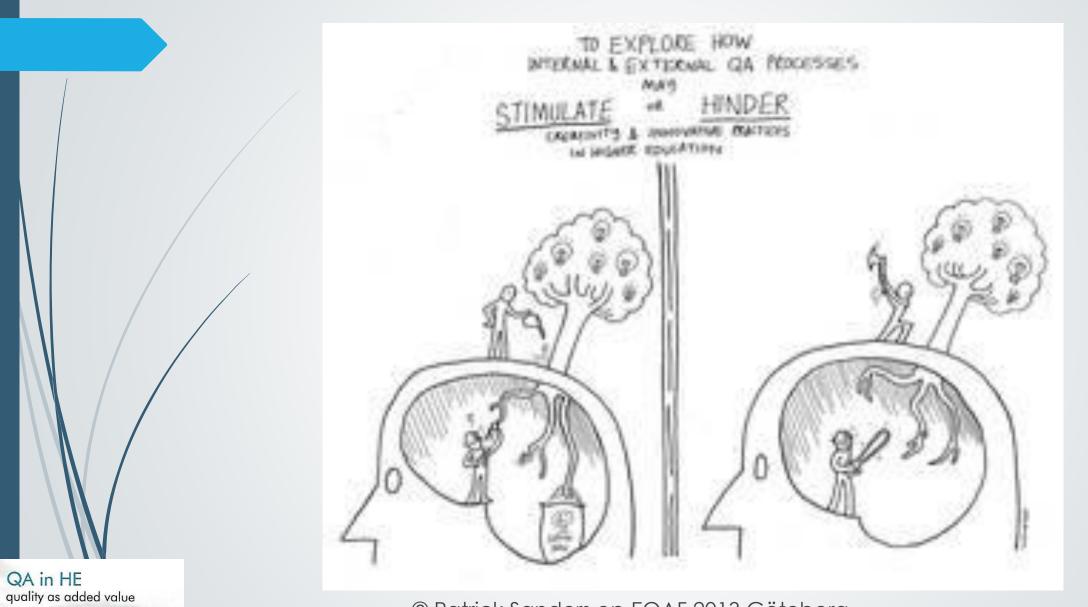
some conclusions



- Why are we in (higher) education?
 Why do we want a qualitative education?
- Why do want a better life?
- Why do we want a better society?
- Why do we need a better world?

Why do we exist? What is the added value we provide to life on the world?





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Thanks

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Starting questions

- What is your experience with developing a vision, mission & strategy? (as leader, as QA person, as academic, as stakeholder, ...)
- Do you use (T)QA on your strategy and how?
- Which (KP) indicators do you use? (quantitative, qualitative, external, ...)
- Do you feel a need for a new HE mission and a new QA?
- What do you think about quality as an added value (chain) and the move towards impact?
- Why do we exist? What is the added value we provide to life on the world?