Maastricht University Leading in Learning!

University Maastricht

Maastricht University medical Centre

School of Health Professions Education (SHE)

Maastricht University (UM), The Netherlands

- established 1976
- research University
- Problem Based Learning (PBL)
- 6 faculties
- Bachelors & Masters in English
- 15.500 students & 3500 staff

Faculty & Schools

- Faculty of Arts and Social Sciences
- School of Business and Economics
- Faculty of Health, Medicine and Life Sciences
- Faculty of Humanities and Sciences
  - University College Maastricht
  - Department of Knowledge Engineering
  - International Centre for Integrated Assessment & Sustainable Development
  - Maastricht Graduate School of Governance
- Faculty of Psychology and Neuroscience
- Faculty of Law

Management

- Board of the University (president, rector and vicepresident)
- Deans and Board are Management Team
- Collaboration and sharing are our buzzwords

Eat well

Biobased materials
Biomedical

Health Care Innovation

Movare

Maastricht University Medical Center+

Maastricht UMC+

academisch ziekenhuis Maastricht

azM

Maastricht University

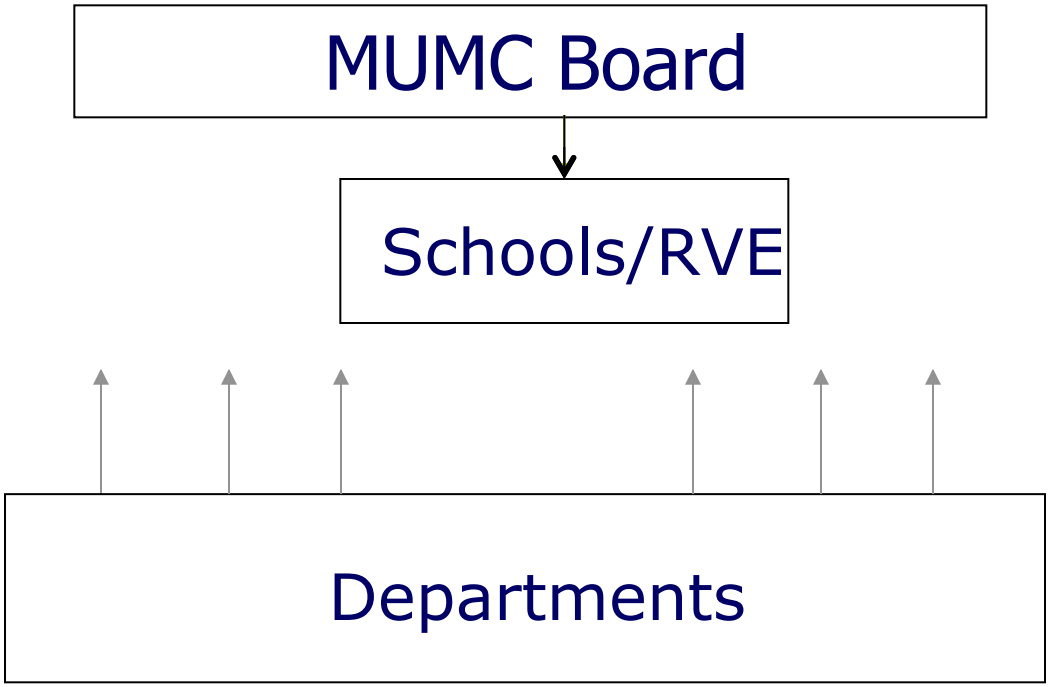
University Medical Centers in the Netherlands

- Integration of university hospital and medical school in one organization
→ unique feature and strength

- Integration of patient care, research, education and training

- 8 UMC's in the Netherlands

Way of working, not formal integrated!



Conferences, exhibitions, events and business
Public health, prevention and sport
University hospital and clinical research
Education and research
Business
Maastricht UMC+
azM
Maastricht University
Maastricht Health Campus

Maastricht UMC+ in figures (2014)

	Employees (fte)	Beds	Operating theaters
	5.800	**715**	**26**
Outpatients	Admissions	Inpatient days	
450.000	**27.500**	**191.000**	
Students	Intake Bachelor	Intake Master	PhD's awarded
4.647	**895**	**787**	**188**
Publications (reviewed)	Rank (European clinical research)	Turnover (€)	"On campus" companies
2.085	**18**	**796 m**	**45**

Schools Maastricht UMC

Strenghts:

- Public Health
- Metabolism and nutrition
- Neurosciences
- Oncology
- Cardiovascular
- Education

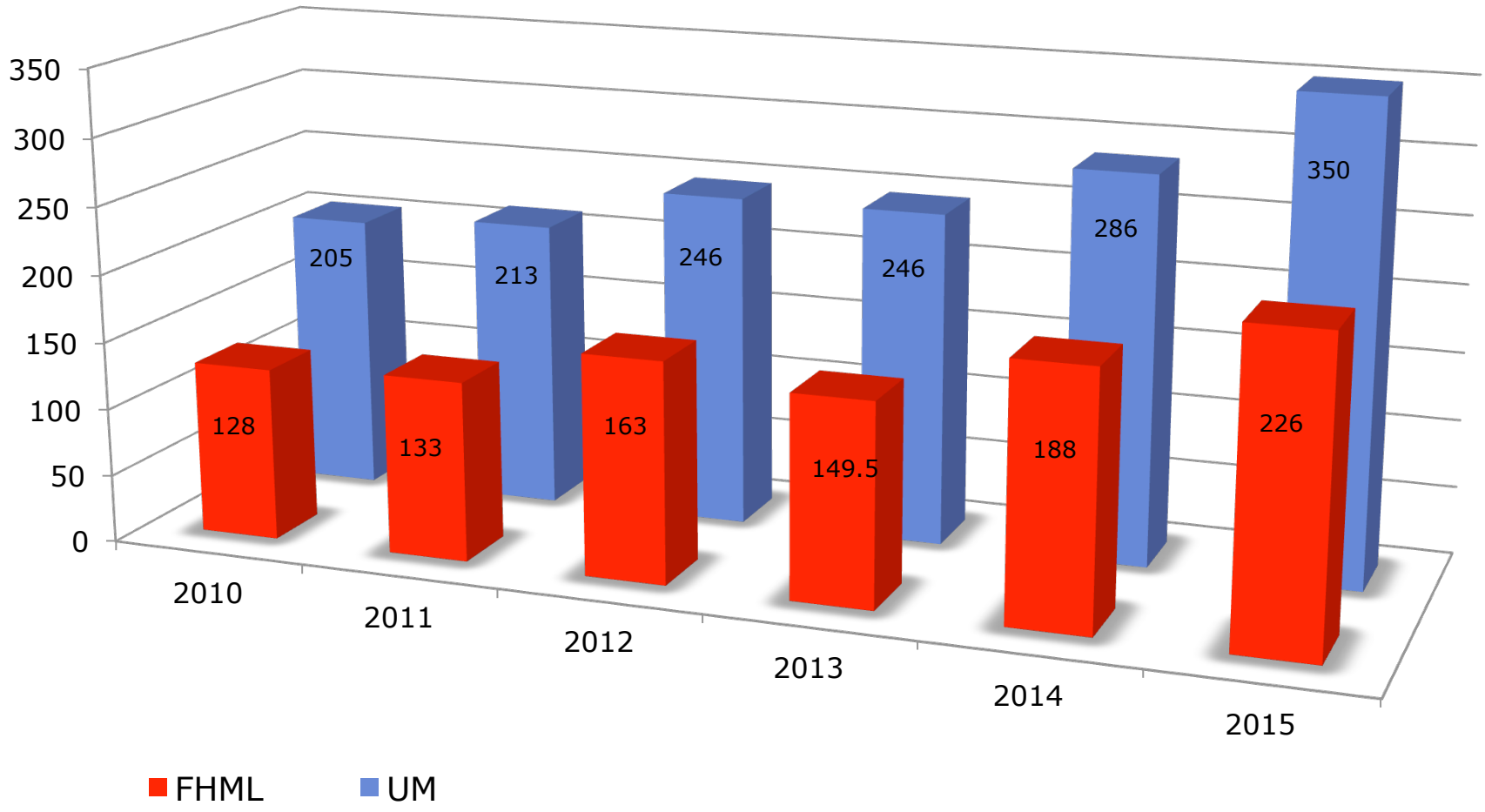
Educational programmes

Bachelors	
Medicine	311
Health Sciences	270
Biomedical Sciences	220
European Public Health	81

Educational Programmes

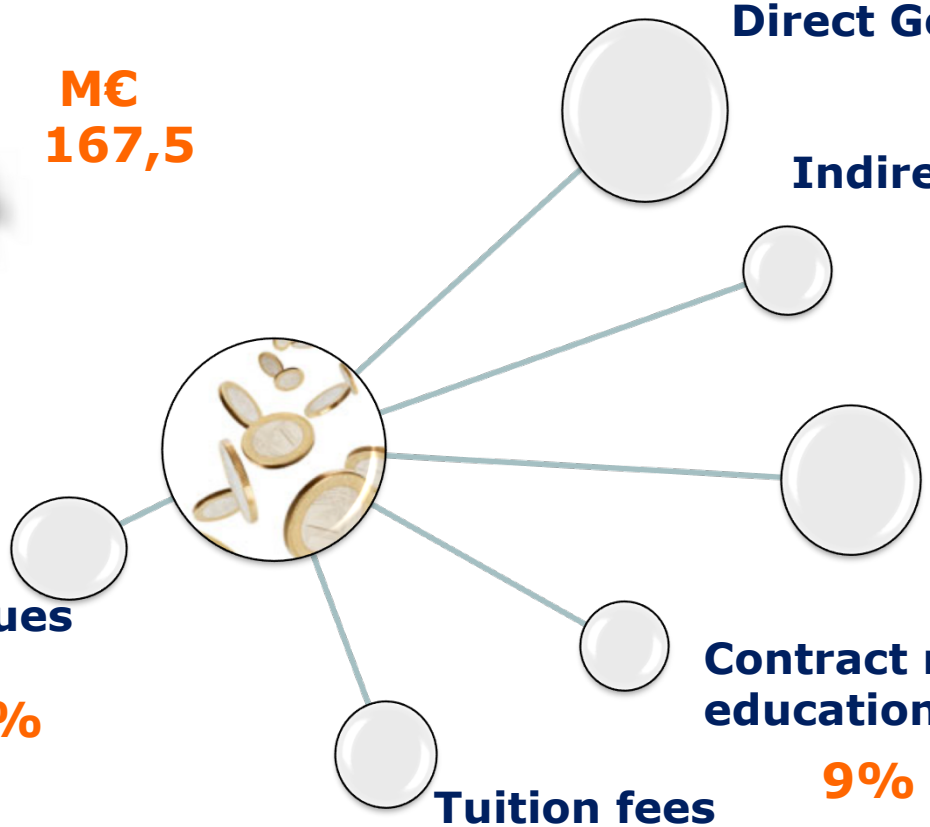
Masters	
14 masters in Health, Life Sciences, also together with Psychology	
Medicine (320)	• Medicine • Physician-Clinical Researcher • International Master in Medicine

PhD Theses


350
300
250
200
150
100
50
0
205
213
246
246
286
350
128
133
163
149.5
188
226
2010
2011
2012
2013
2014
2015
FHML
UM

FHML Funding (2015)

M€ 167,5



Direct Government funding

47 %

Indirect government funding

6 %

Third party funding

23%

Contract revenues education

9%

Tuition fees

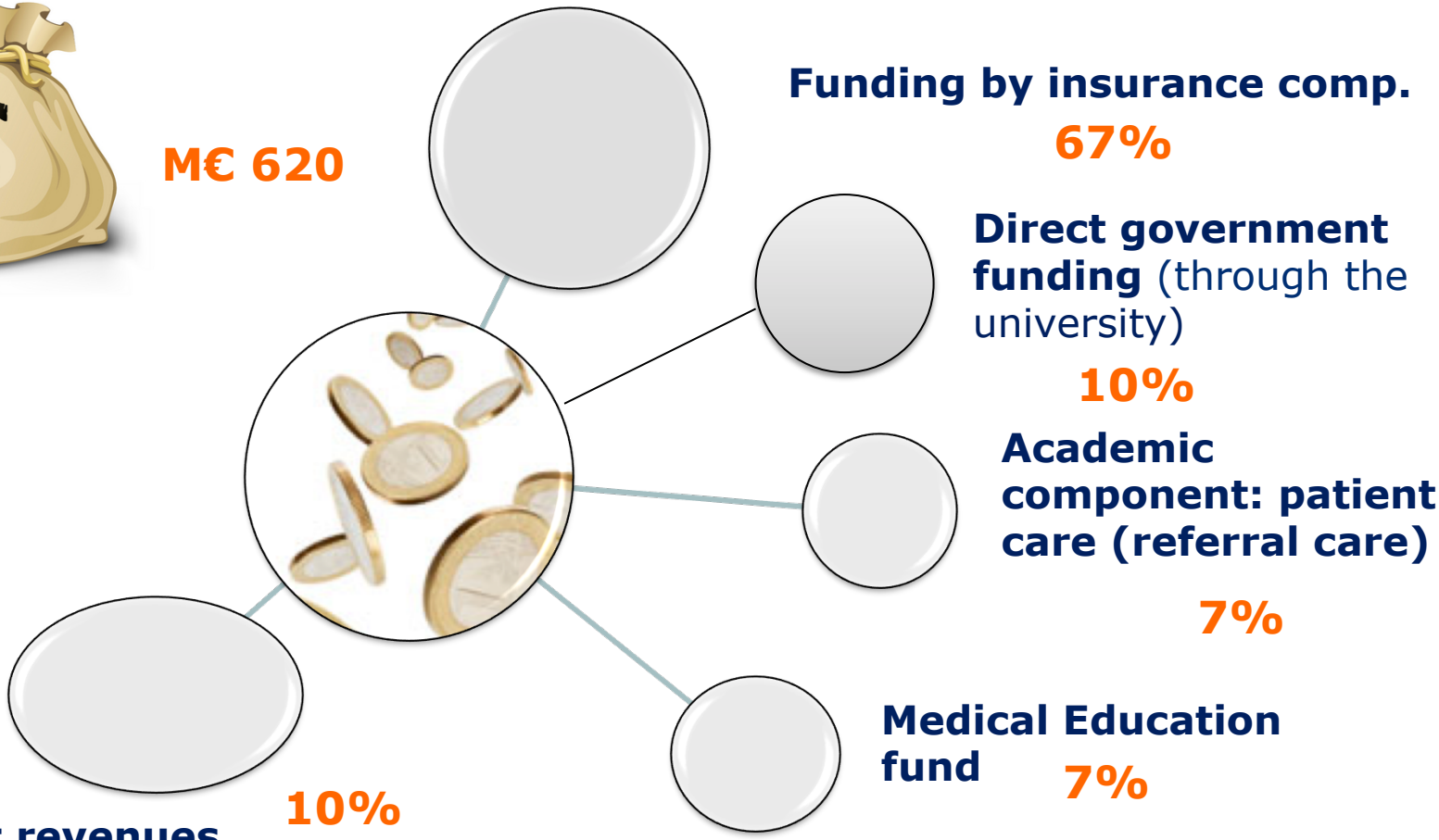
5%

Other revenues

11%

AzM Funding (2015)

M€ 620



Funding by insurance comp.

67%

Direct government funding (through the university)

10%

Academic component: patient care (referral care)

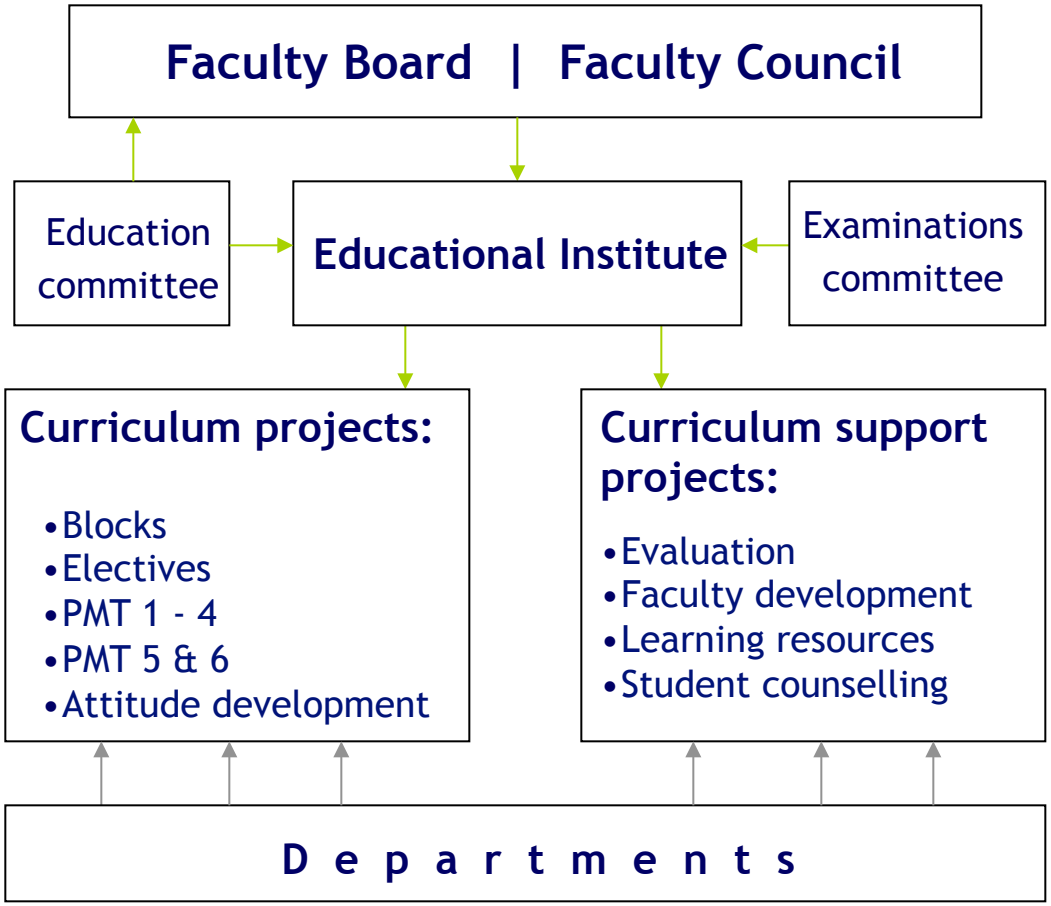
7%

Medical Education fund **7%**

10%

Other revenues

Central organisation



Characteristics of organisation

- More central control; less departmental control
- Matrix management organisation
- Educational credit system: Departments are paid for educational activities
- Rewarding of good educational performance
- Structural quality control
- Research in Education

Matrix management

	Department					
Project	A	B	C	D	E	F
Unit 1	x		x	x		
Unit 2		x	x		x	
Practical						x
Learning resources	x		x			
Fac Dev					x	x
Stud eval		x				x

Staff roles in PBL education

- Tutor in tutorial group
- Expert for lectures, panels or evaluating assignments
- Coordinator or member of a curriculum unit
- Teacher/supervisor in practical medical training
- Constructor of items for student assessment
- Examiner in OSCE
- Author of multi-media programme
- Member of a committee: Education/Examination/Electives/..
- Teacher in a faculty development course
- Research in education

Application for teaching roles

- Each year roles available
- Teachers can send in an application form
- Educational organisation decides

Defining teaching roles

- Teacher (first level)
- Master teacher (second level)
- Educator (third level)
- Master educator (fourth level)

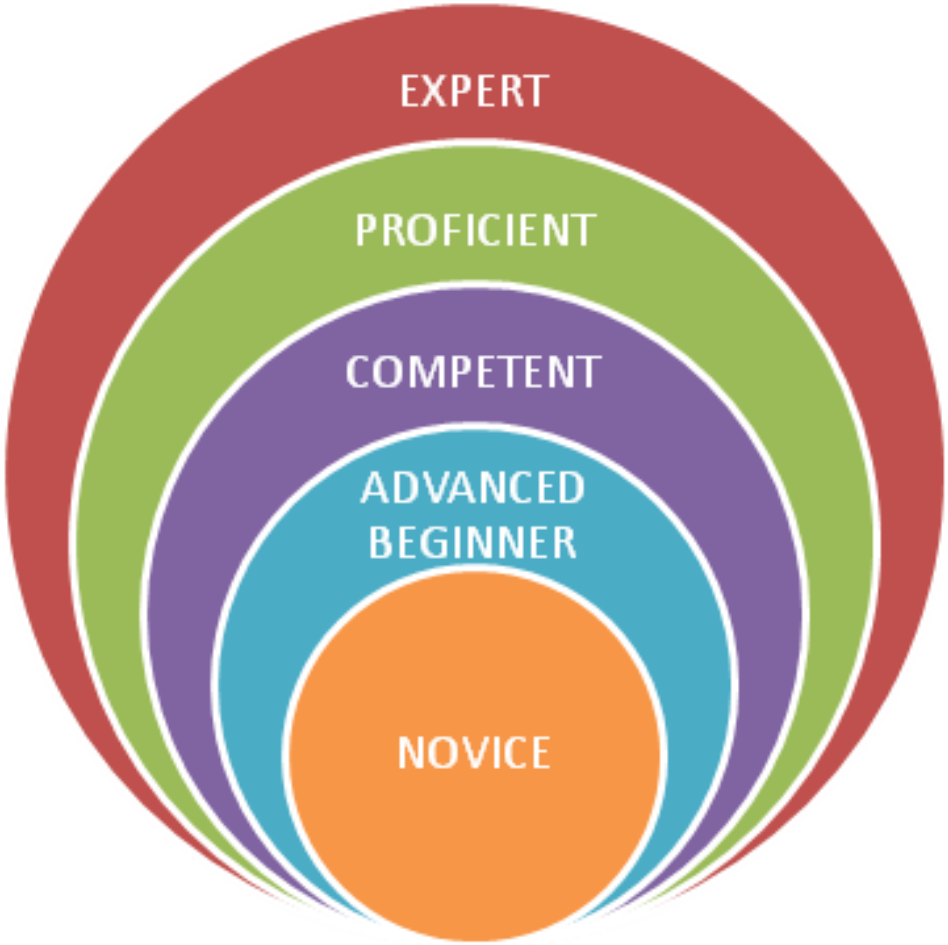
Sachdeva et al. Acad Med.1999:1278-87

Define the teaching roles

(Harden, 2000)

- Facilitator (mentor, tutor)
- Role model
- Information provider (lecturer)
- Resource developer
- Planner/organizer
- Assessor/evaluator

Which levels of expertise (Berliner)



Quality of teaching roles

- Programme evaluation
  - feedback to teacher
  - coordinator of block
  - chair of department
  - longitudinal information in office of education
- Faculty development

Information on curriculum

- Programme evaluation
  - student evaluation
    - feedback programme
    - changes by blockcoordinator
- Assessment system
  - information about students
  - information about programme
    - changes in programme

PDCA cyclus!

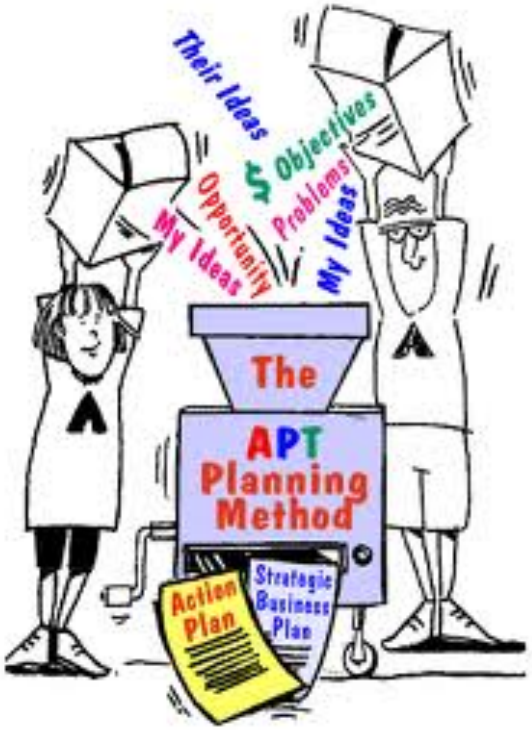
Innovation

- Continuous attention on organization behavior and continuous development
- Transparency and harmonization between different disciplines
- Really overview of the whole curriculum

Literature on innovation

Leadership

Planning



Communication

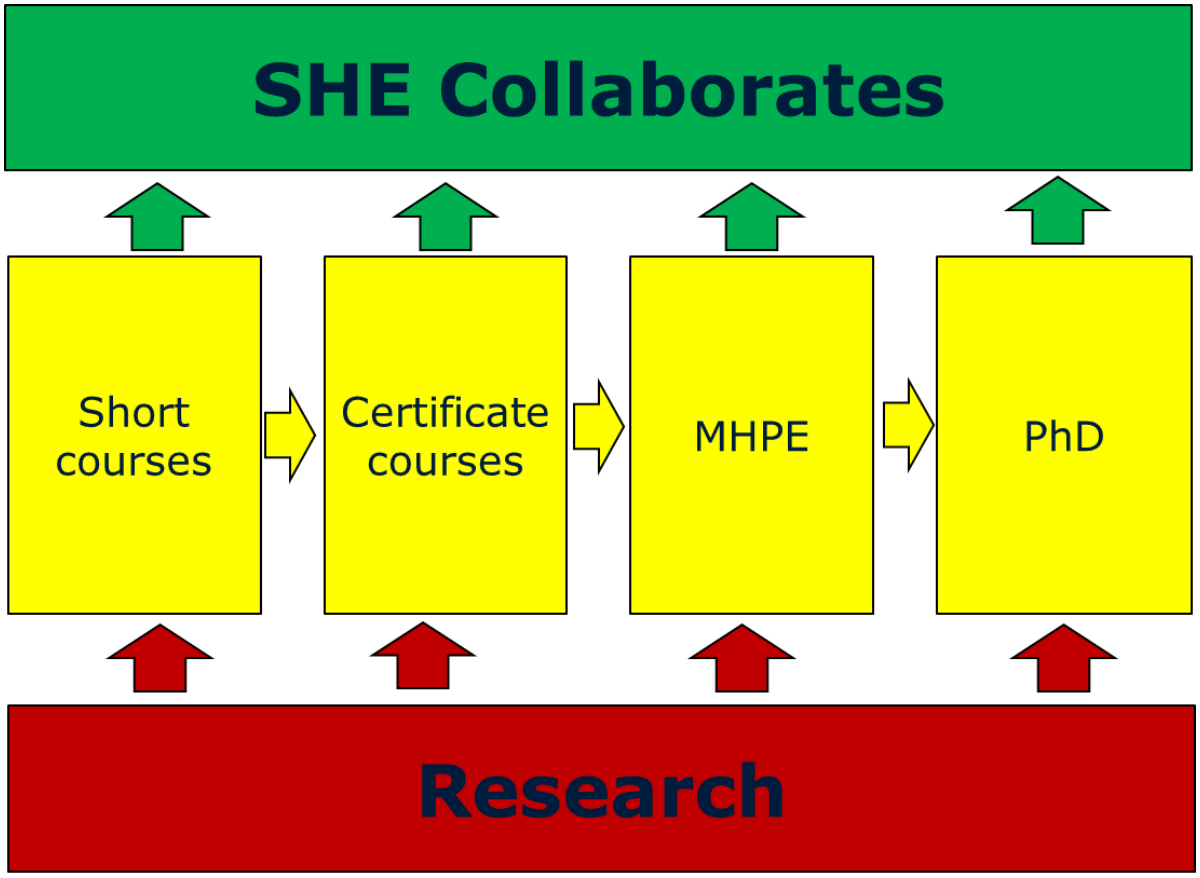
Maastricht University Leading in Learning!

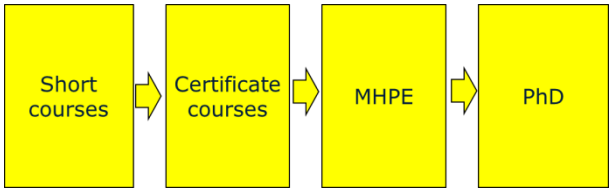
School of Health Professions Education (SHE)

Short History

- founded in 2005
- combines all education and research in education in the health sciences
- organized in the matrix organization
  - Capacity from various departments
  - One of the six schools in FHML
- support through Education Institute
- www.maastrichtuniversity.nl/she

SHE: The 'double chain'





International PhD Program

- about 60 international PhD's
- fee is 2.420 euro per year
- takes 4-5 years to complete, distance-based
- selection through research proposal, students enter via : research track in MHPE; proposal writing course; open registration
- PhD thesis is based on 3-4 journal articles

SHE Collaborates since 2012

- mission is to improve healthcare globally, by facilitating higher educational institutes in realizing educational innovations
- 'bridging agent' between internal SHE expertise and external needs
- projects in Saudi Arabia, Ghana, Uganda, Ukraine, Georgia, Vietnam, Yemen ...

Tailor-made support /consultancy on

- change & project management
- PBL & student-centered learning
- assessment and evaluation
- clinical and communication skills training
- faculty development
- quality control & assurance
- innovative e-learning tools
- student involvement

SHE Success Factors

- high reputation in research and education
- very strong international orientation
- marketing and the maintenance of a SHE brand (the 'SHE family')
- synergy between SHE components; research, education and innovation
- smart fee-based business models leading to increased scientific output, valorisation and societal impact

Summary

- Information gathering
  - students, teachers
  - process, product
  - finance
- Educational research
  - outcomes
  - comparison
- Synthesis followed by action, action, action, today known as management