

Innovation Policy in Cross border perspective

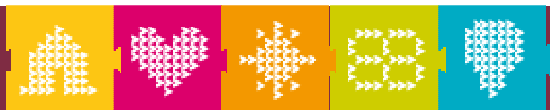


“Acceleration Agenda in the Euroregion Meus Rhein/ELAT –Triangle”

Basel, 22 February 2008

Jean Severijns

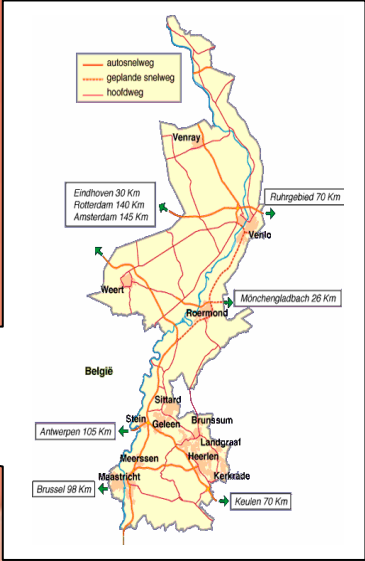
(Martin Eurlings, Herman Vrehen)



provincie limburg



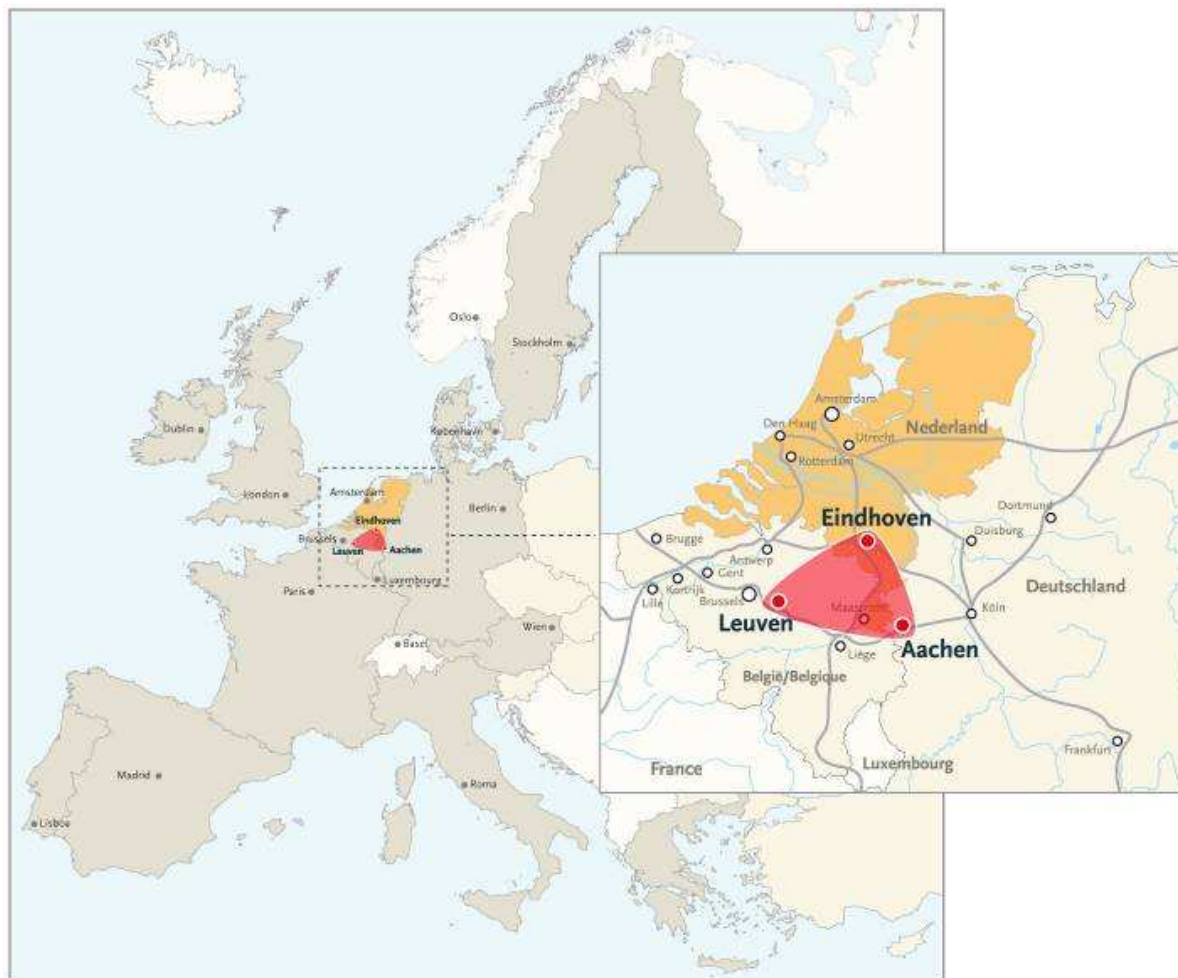
Province of Limburg (NL)



burg



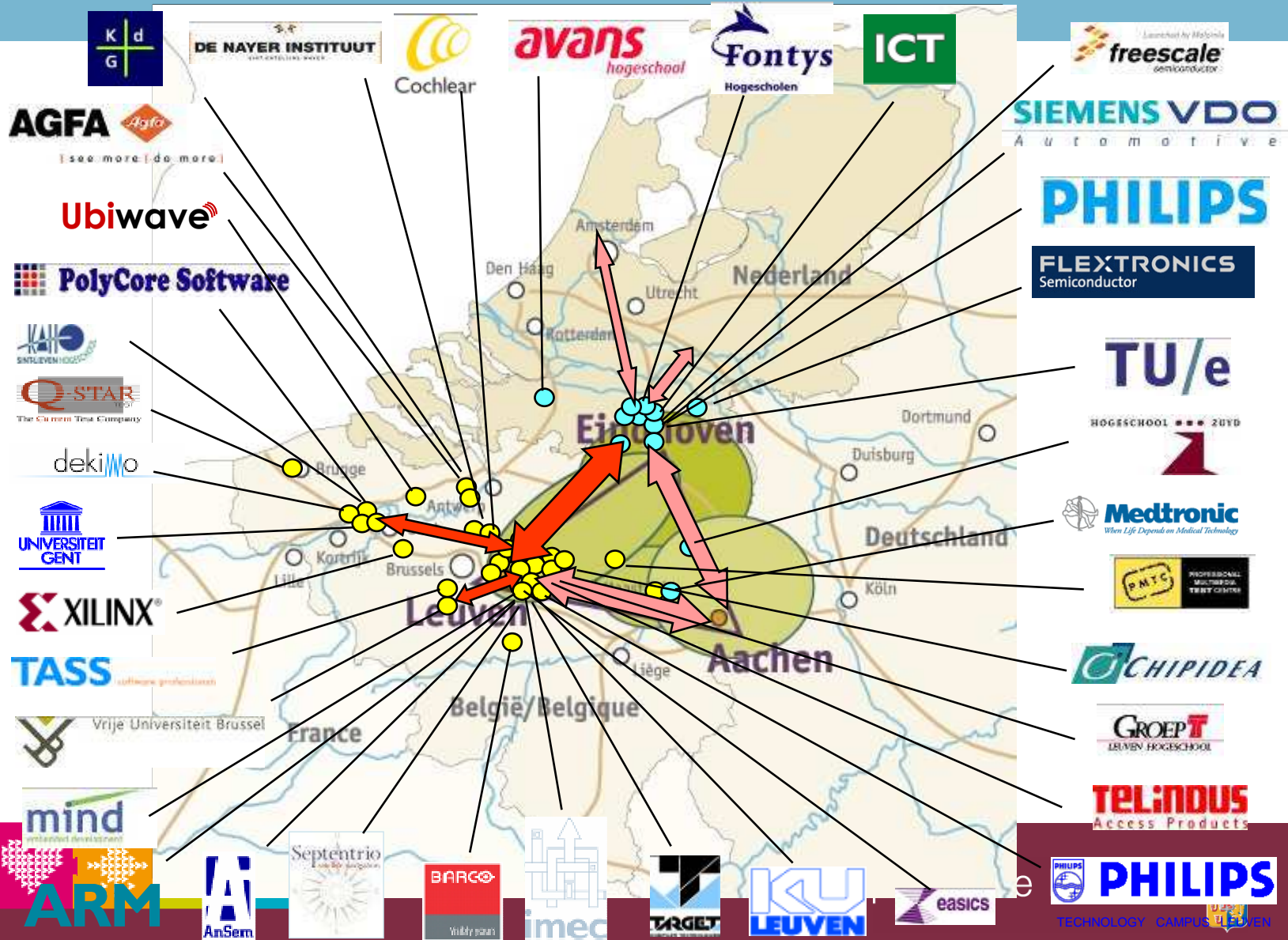
A Top Technological region within Europe



provincie limburg

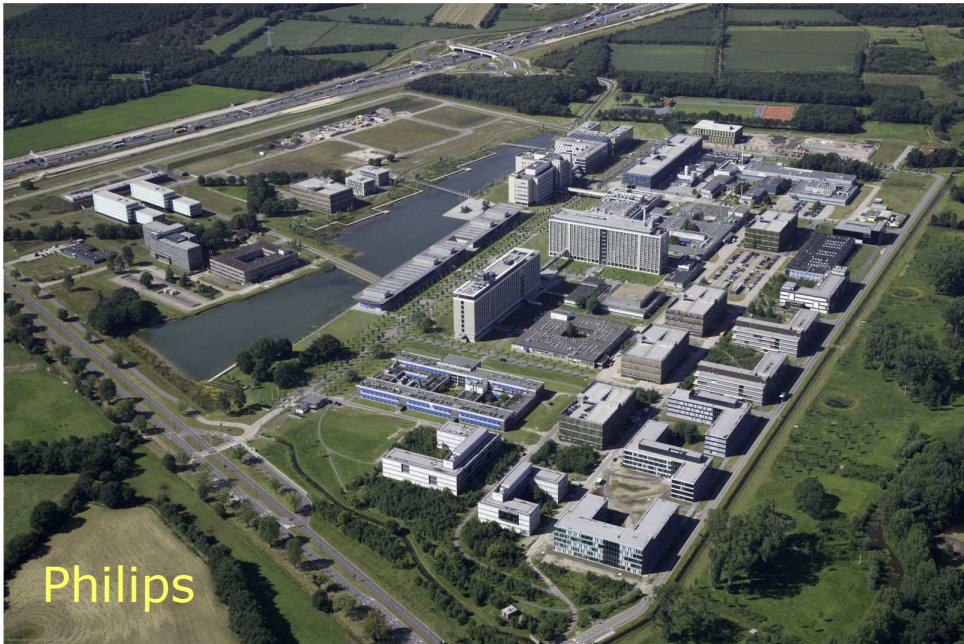


ELAT / Private R&D Capacity (DSP)

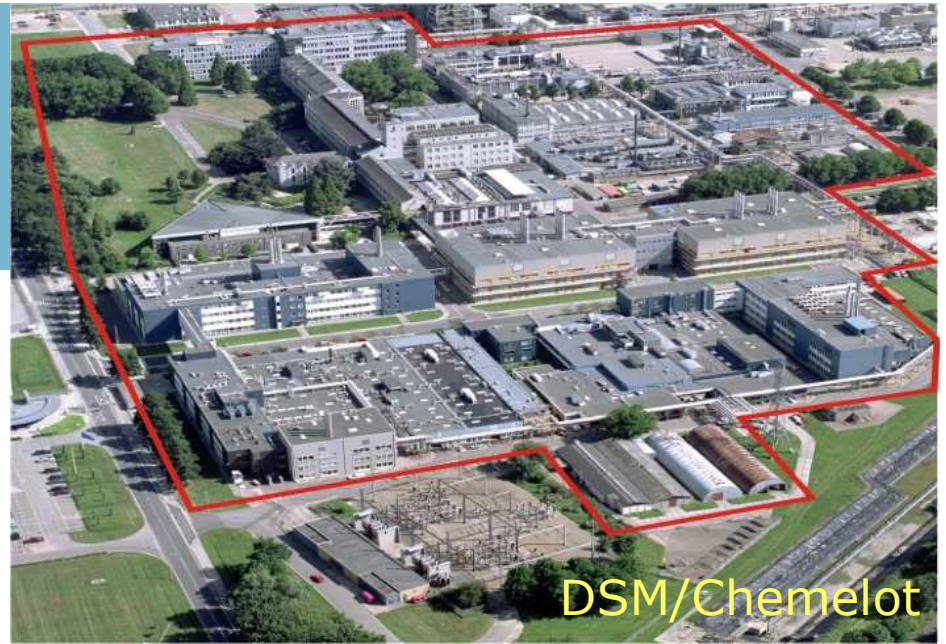


Organise cross border communication and commitment !





Philips

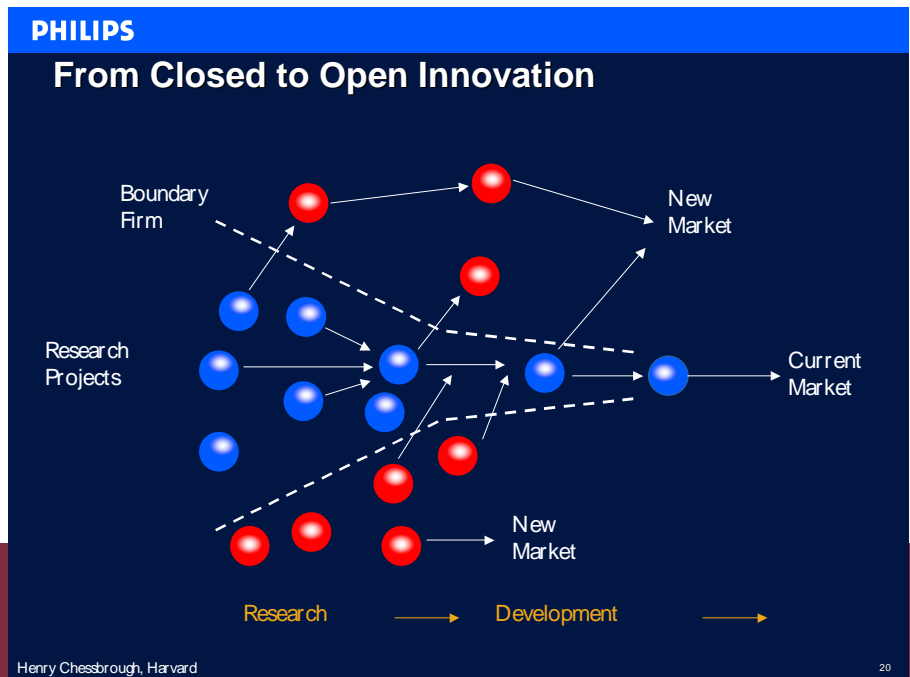


DSM/Chemelot

Open innovation examples/principle



Scheuten Glas



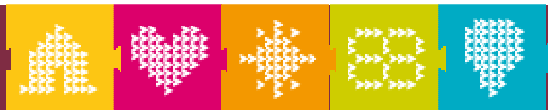
Conclusions so far:

- Limburg integral part of Functional Border region
- Aiming at highest level in Europe
- Similarities open communication and open innovation approach business community – governmental policy
- Respect different parts within cross border triangle/functional region
- Cooperation needs to be organized (Role Province!)



Source: © Horizon, 2004

**Acceleration agenda
Limburg**

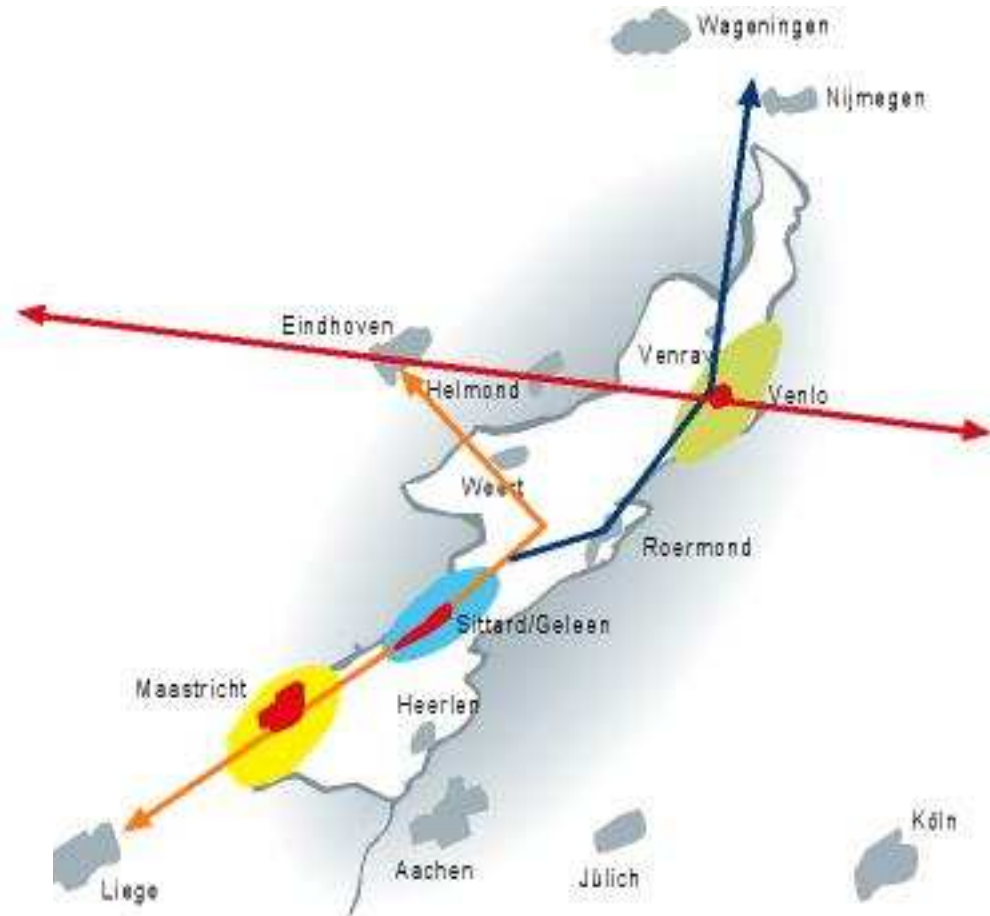


provincie limburg

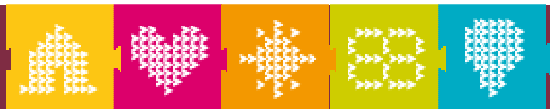
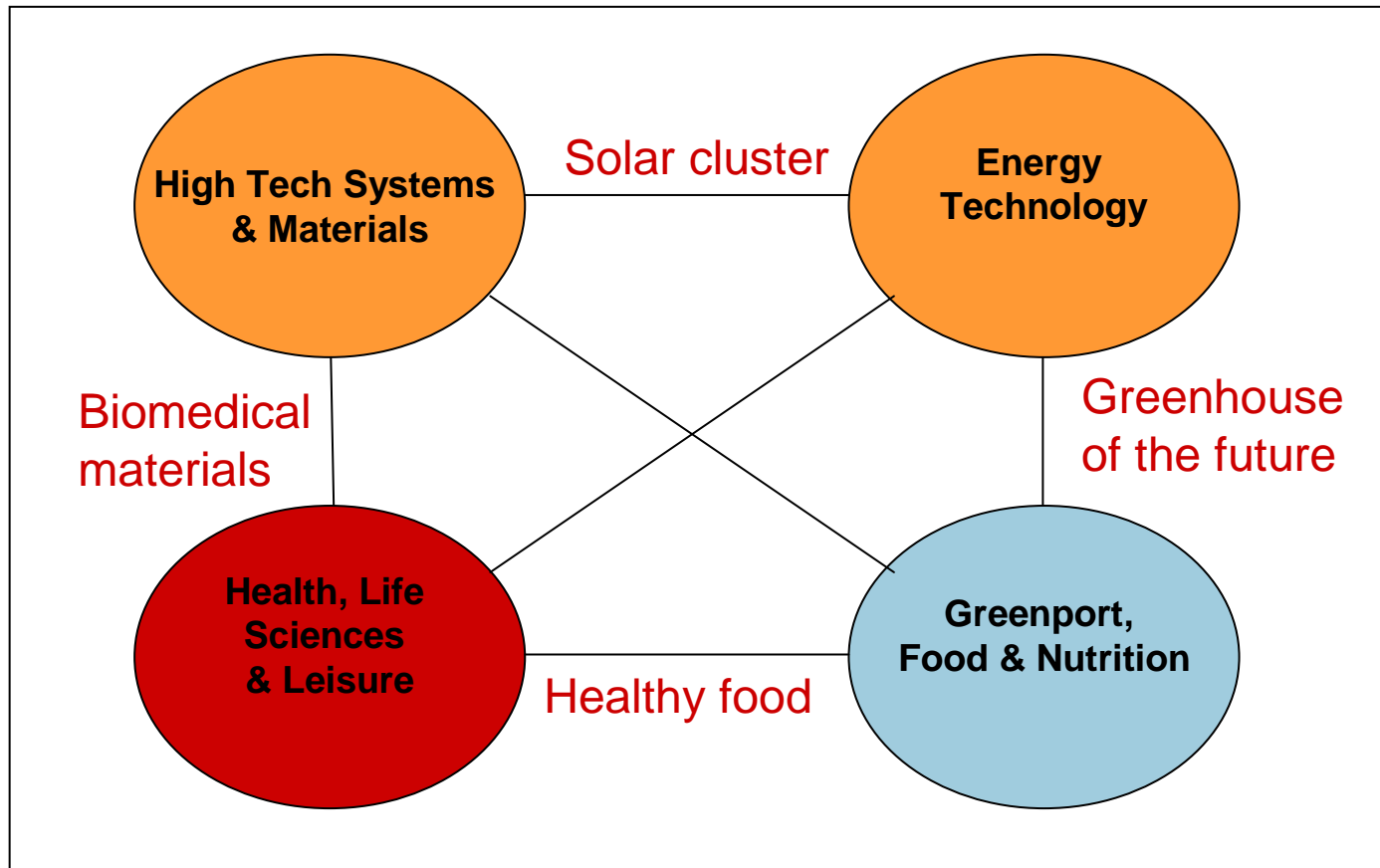


Power clusters in Limburg

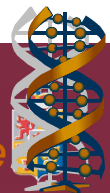
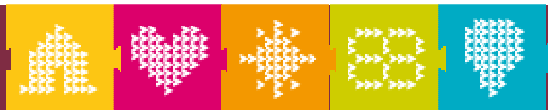
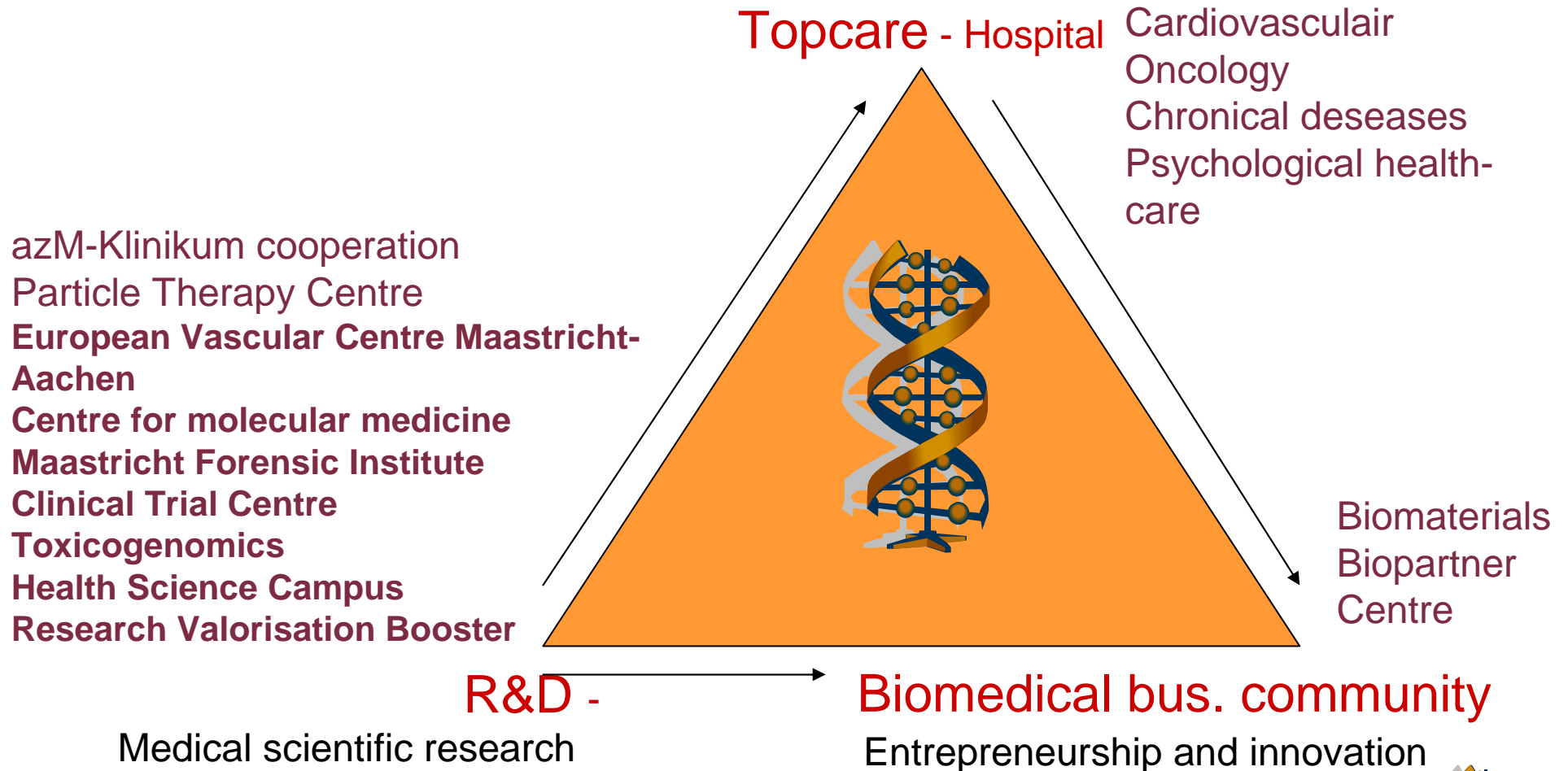
High Tech Systems & Materials
Energy Technology
Health, Life Sciences & Leisure
Greenport, Food & Nutrition



**Combine elements of different value chains
is the real challenge, within region and cross border
(according to open innovation principle)**



Healthcare - pillars





Klinikum Aachen

AZM Maastricht



Parc Hoogveld

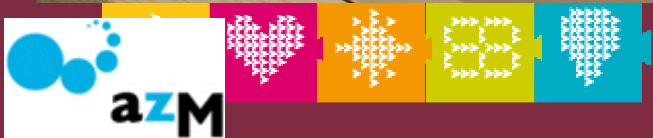


“Orbis” Hospital of the future



June 8, 2004

Signing Co-operation agreement



provincie limburg



MUMC+

30

715

25.768

381.000

7.6

4946

Medical departments

Clinical beds

Clinical admissions

Outpatient visits

Hospital stay (days)

Employees

MUKA

34

1493

43.000

121.000

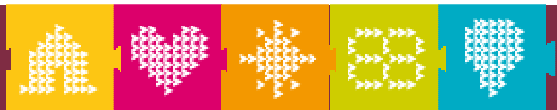
7.9

6.249



Essential points agreement 2004

- European Centre for state-of-the-art medicine and research
- Benefit from each other's knowledge
- Complementary health care
- Synergy in use of resources
- Building European Centers of Reference
- Joint leadership of medical departments
- Synchronisation of research and teaching
- Network medical education and specialist training

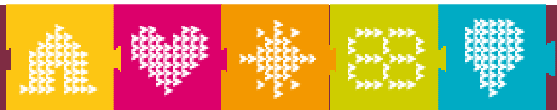


Current Activities

Feasibility study for cardiovascular merge between Maastricht and Aachen: Vascular Surgery, Cardiac Surgery, Cardiology

Business plan to develop Cardiovascular Center of Excellence Maastricht-Aachen

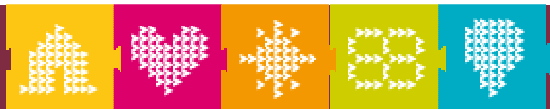
Venue: new building



European Vascular Center



AACHEN - MAASTRICHT



provincie limburg



Feasibility study (from December 2007)

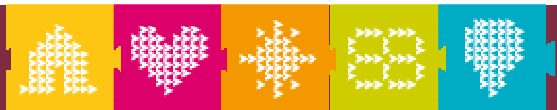
Assessment of the local, regional and national market- and competitive environment;

Point out the strategic options of UKA and MUMC+;

Identification and assessment of potential for synergies in patient care, especially top-referral healthcare;

Identification and assessment of legal and structural options;

Preparation of a time schedule, project- and action plan





provincie limburg

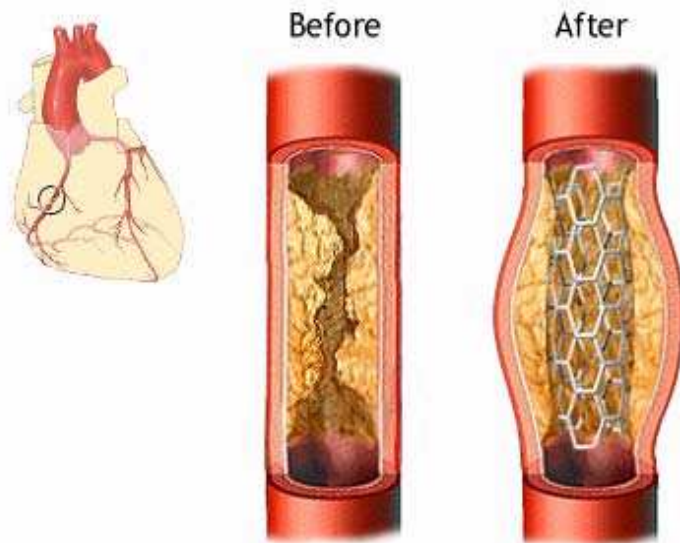


EXAMPLES OF RESEARCH TOPICS

The drug eluting stent represents the first great break-through of a combination product of biomedical materials & drugs

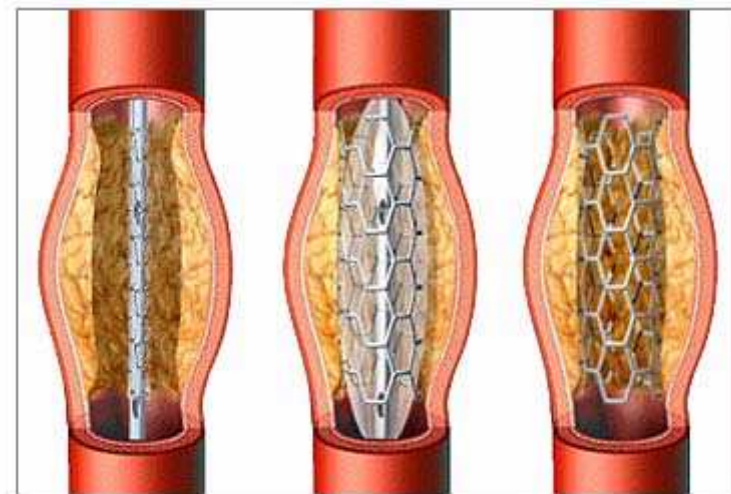
Cardiovascular intervention

Situation before and after placement



ADAM.

Stent placement

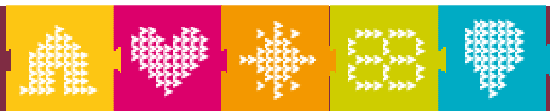


Stent
insertion

Stent
expansion

Stent remains in
coronary artery

ADAM.



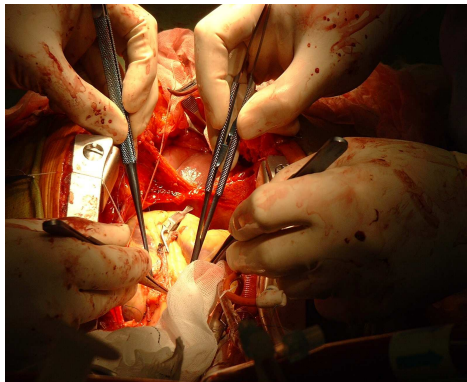
provincie limburg



EXAMPLES OF RESEARCH TOPICS

Stents have radically changed medical treatment;
next generation stents will be worked on

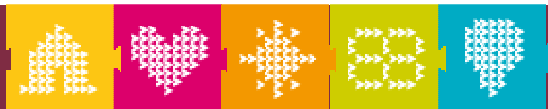
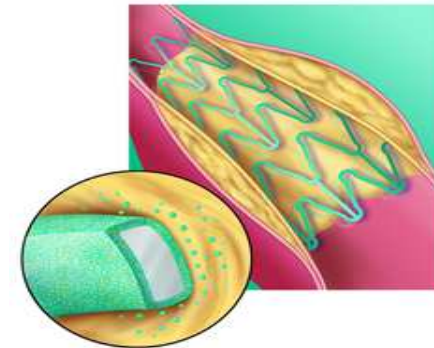
**Old Therapy:
Open heart surgery**



**New Therapy:
Using stent**



**Future Therapy:
Resorbable stent**



provincie limburg



FOUNDING PRINCIPLES AND PARTNERS

A strong public-private partnership is committed to further strengthen the position of the Netherlands in biomedical materials



Total budget 90 m€
for a 5 year program



Provincie Limburg





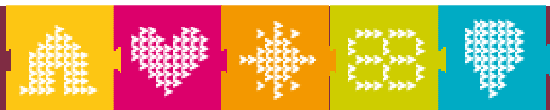
Province of Limburg (NL)
jmj.severijns@prvlimburg.nl

We invite:

Health care oriented (functional/
cross border) serious and
enthusiastic regions,
to join forces!



Thank you for your attention !



provincie limburg



Feasibility study (from December 2007)

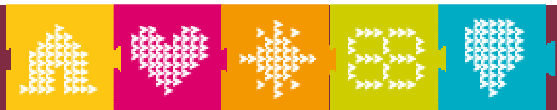
Assessment of the local, regional and national market- and competitive environment;

Point out the strategic options of UKA and MUMC+;

Identification and assessment of potential for synergies in patient care, especially top-referral healthcare;

Identification and assessment of legal and structural options;

Preparation of a time schedule, project- and action plan





provincie limburg

