

ПРОБЛЕМА ЧЕЛОВЕЧЕСТВА

RusDemotivator.Ru

**Open innovation, cross border
cooperation and regional competitiveness**

Minsk, 30 may 2013

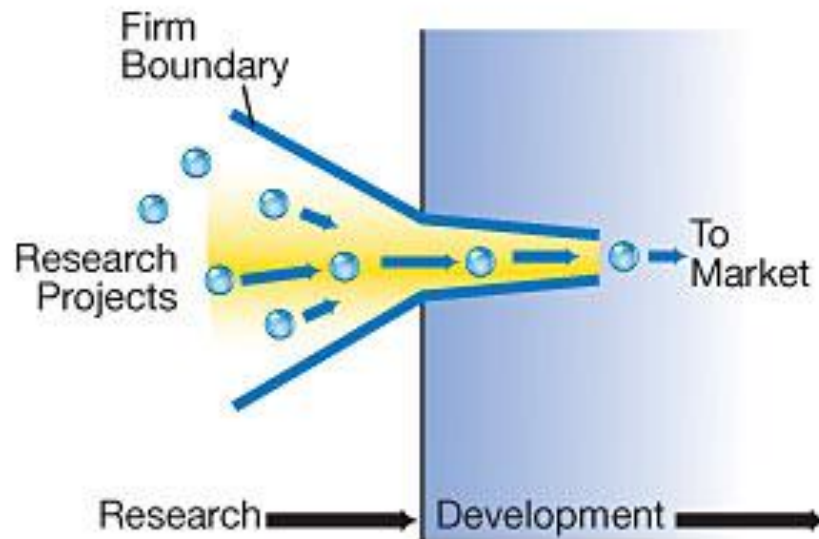
Jean Severijns

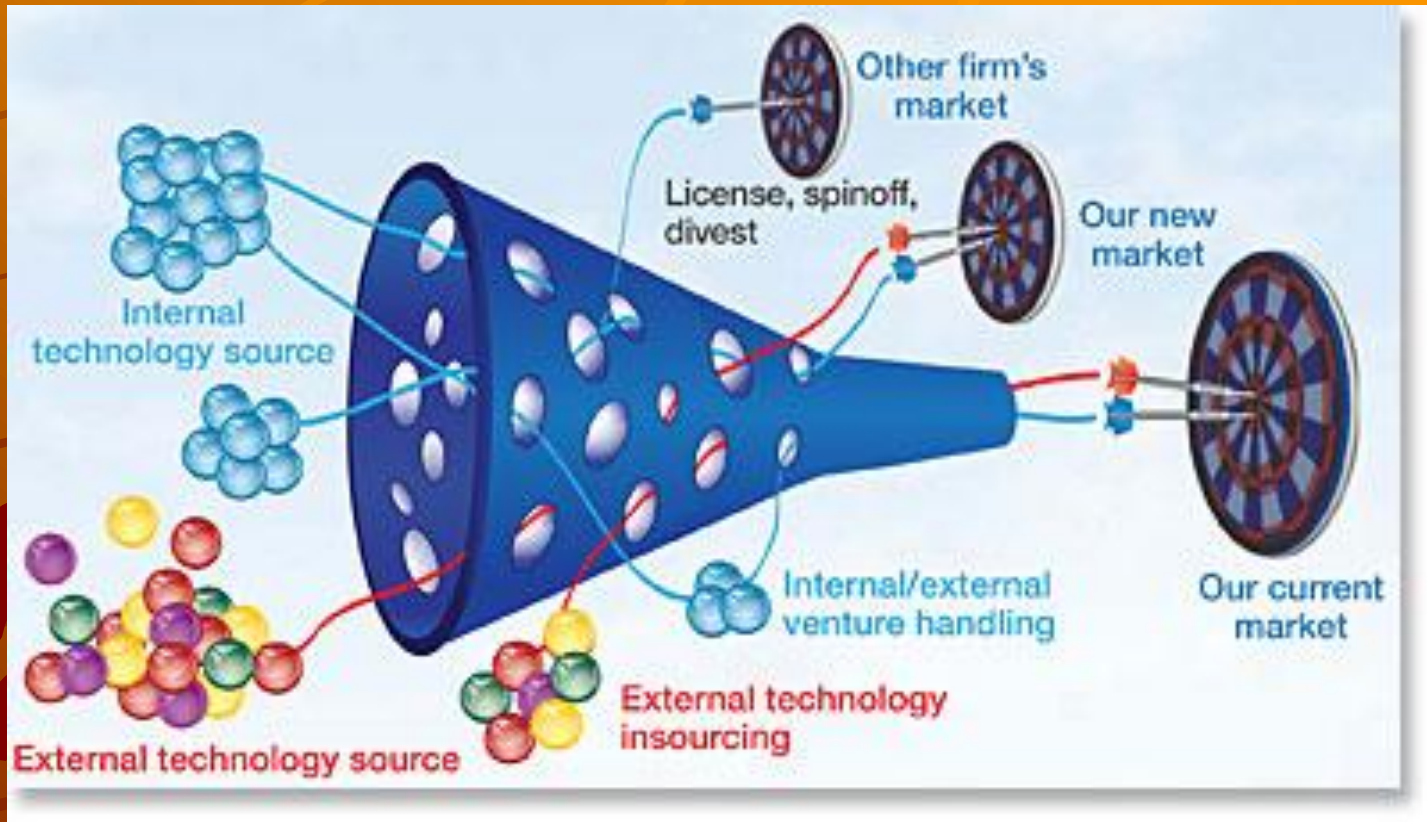
Open Innovation

Combining internal and external sources for both the development and commercialization of new technologies and products on the market



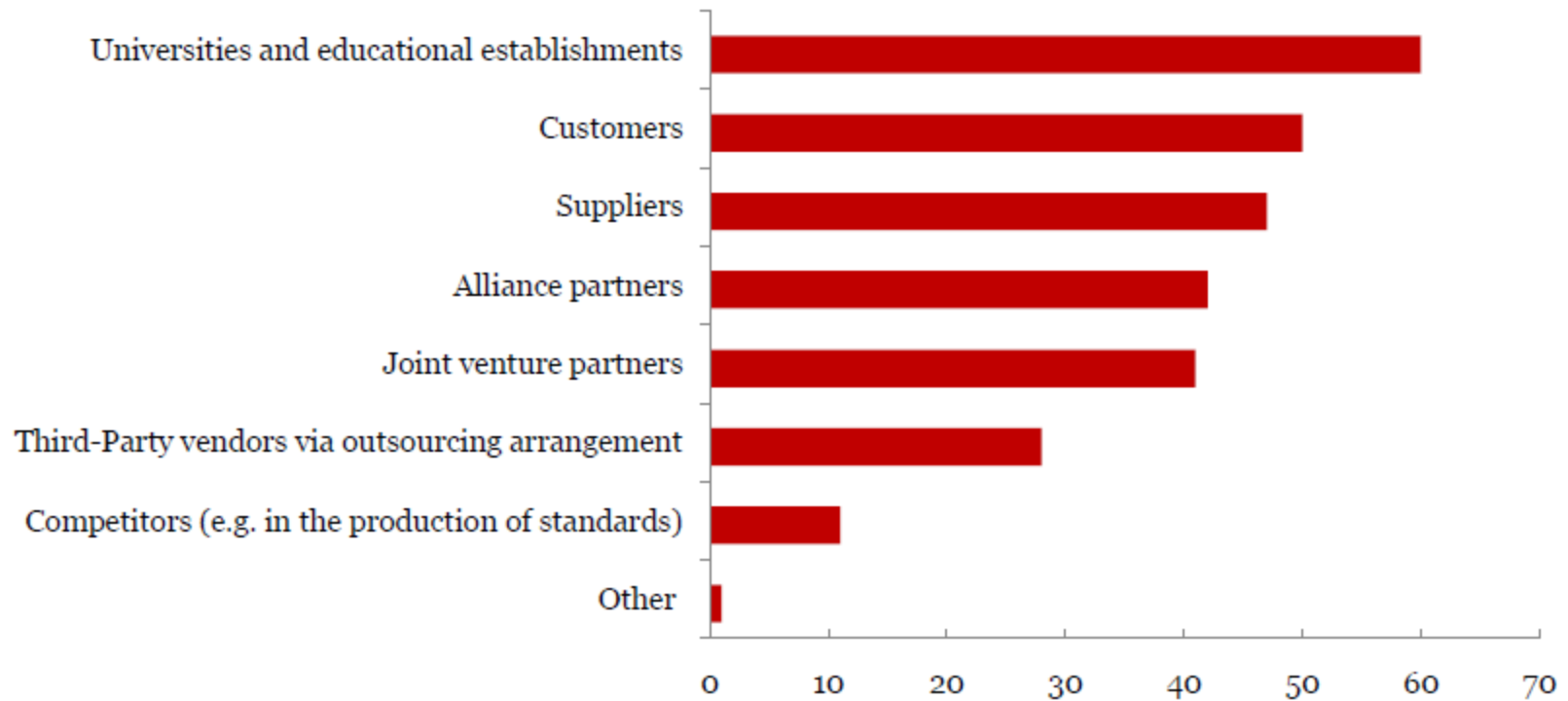
The Closed Innovation Model





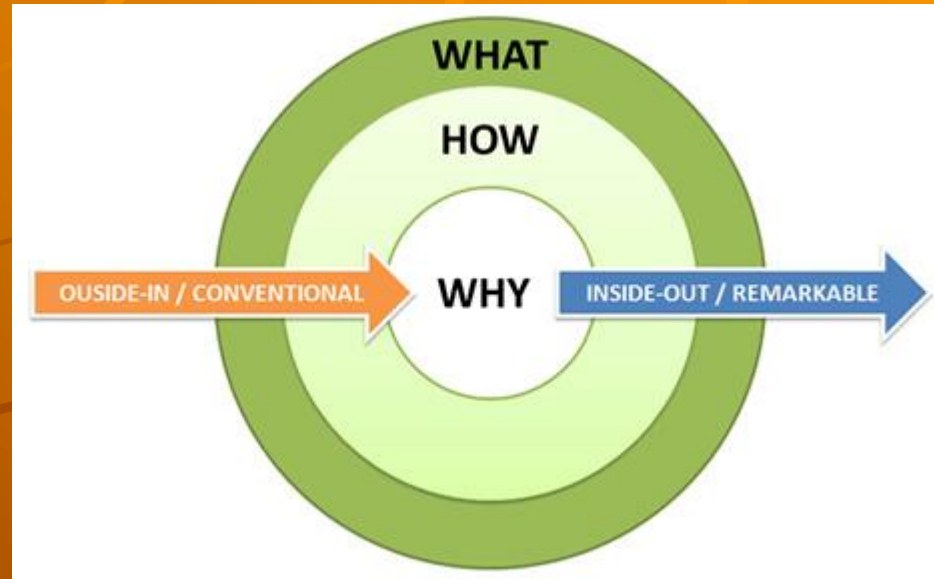
OPEN INNOVATION

With which of the following external partners does your company collaborate in its R&D process?
(% respondents)



Regional context
Open innovation





Innovation Strategies for Smart Specialisation – RIS³

- *Innovation driven development strategy
- *Each region's strength and competitive advantage
- *Specialising in a smart way
- *Entrepreneurial discovery

An economic transformation agenda based on 4Cs:

- ◆ (Tough) Choices: select few priorities on the basis of international specialisation and integration on international value chains – avoid duplication and fragmentation in ERA
- ◆ Competitive (Constructed) Advantage: mobilize talent by matching RTD + i and business needs & capacities – entrepreneurial discovery process
- ◆ Critical Mass/Clusters: develop world class excellence clusters and provide arenas for related variety/cross-sectorial links which drive specialised technological diversification
- ◆ Collaborative Leadership: efficient innovation systems as a collective endeavour based on public-private partnership (quadruple helix) – experimental platform – give voice to unusual suspects

SMART SPECIALISATION

REGIONAL COMPETITIVENESS TURBINE



SPECIALISATION



RELATEDNESS



GLOBAL PERSPECTIVE

ENTREPRENEURIAL SPIRIT



COMPETITIVE ADVANTAGE

Through critical mass
and excellence



**REINVENTING THE
ECONOMY**

Through related variety



COMPARATIVE ADVANTAGE

Building
Global Value Chains

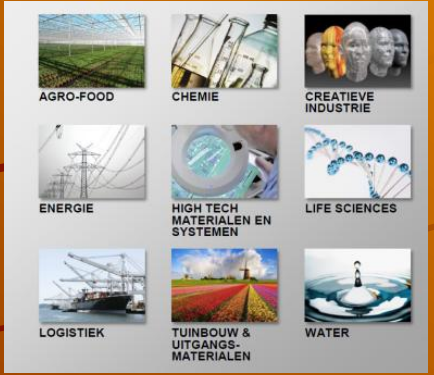
Knowledge economy



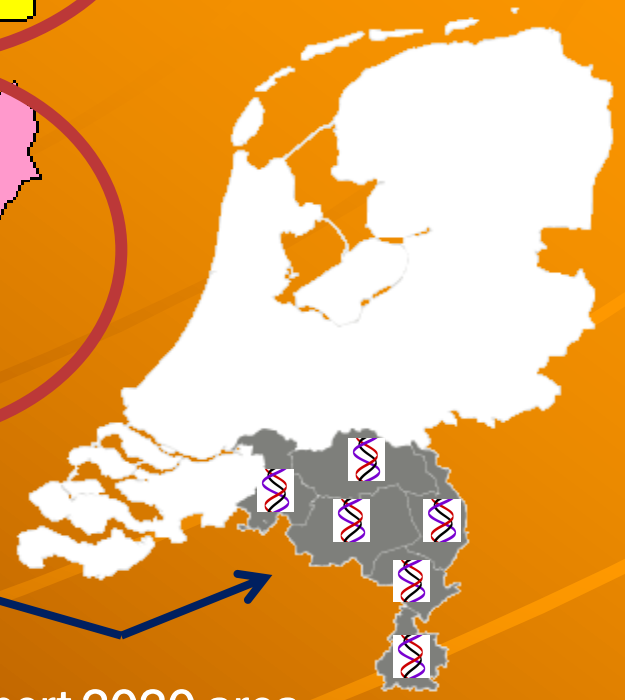
Maastricht Health Campus



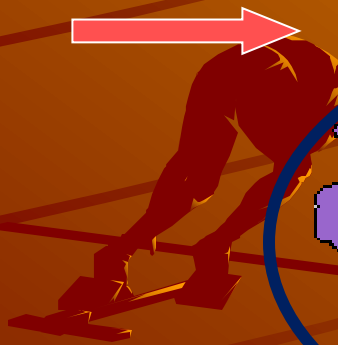
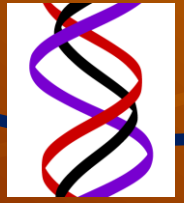
S3 on sub-regional-level



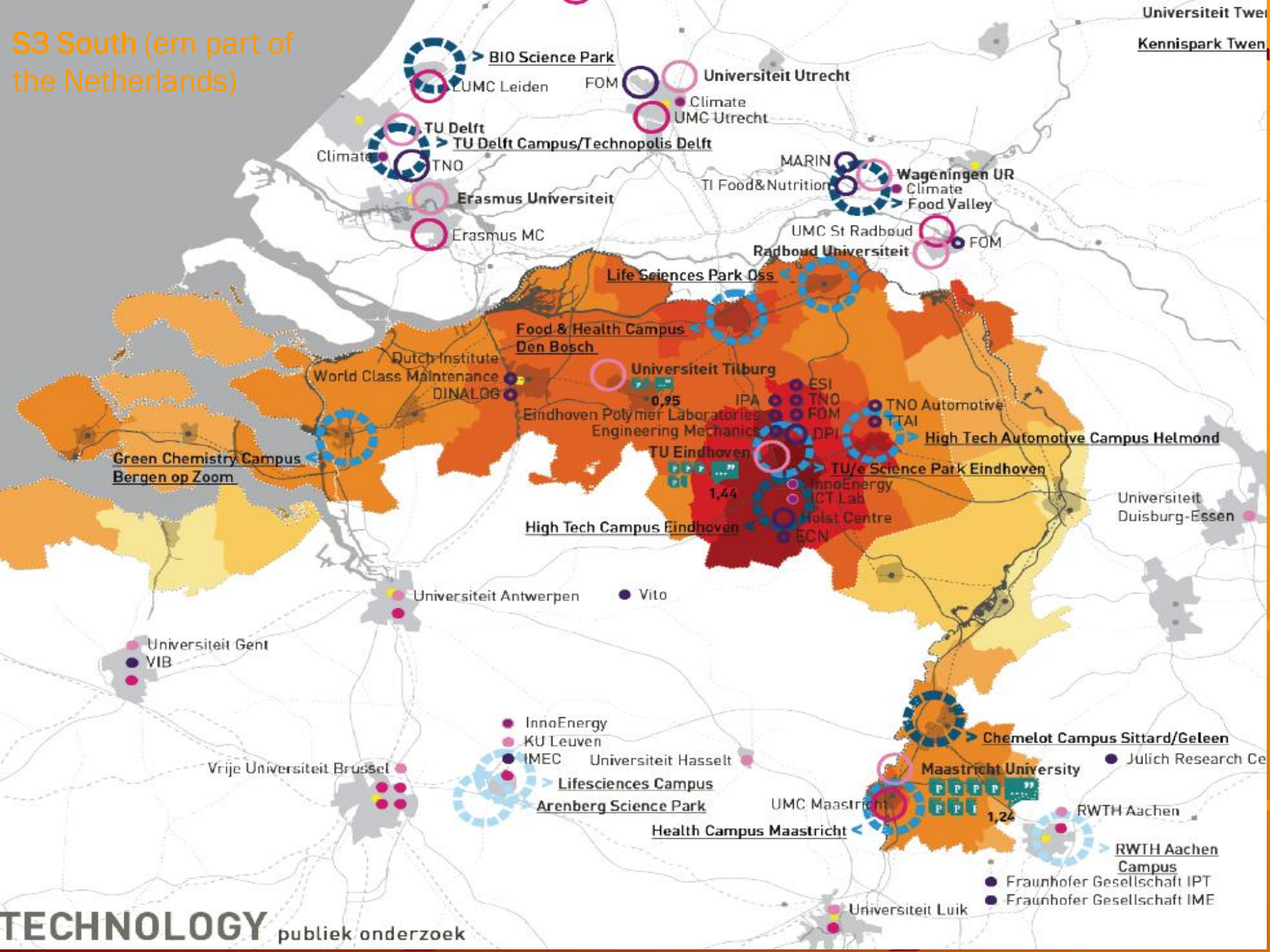
National priorities



Brainport 2020 area
South eastern part of the Netherlands
*Extended approach to south west (S3)
*In every sub-region a triple helix structure



S3 South (ern part of the Netherlands)



S3 for the Southern part of the Netherlands

⑥ Uitdagingen



⑤ Innovatieve kansen (Voorbeelden, niet limitatief!)



④ Structuurversterkend mechanisme



③ Methoden



② Potentials



① Sterkten



2

1

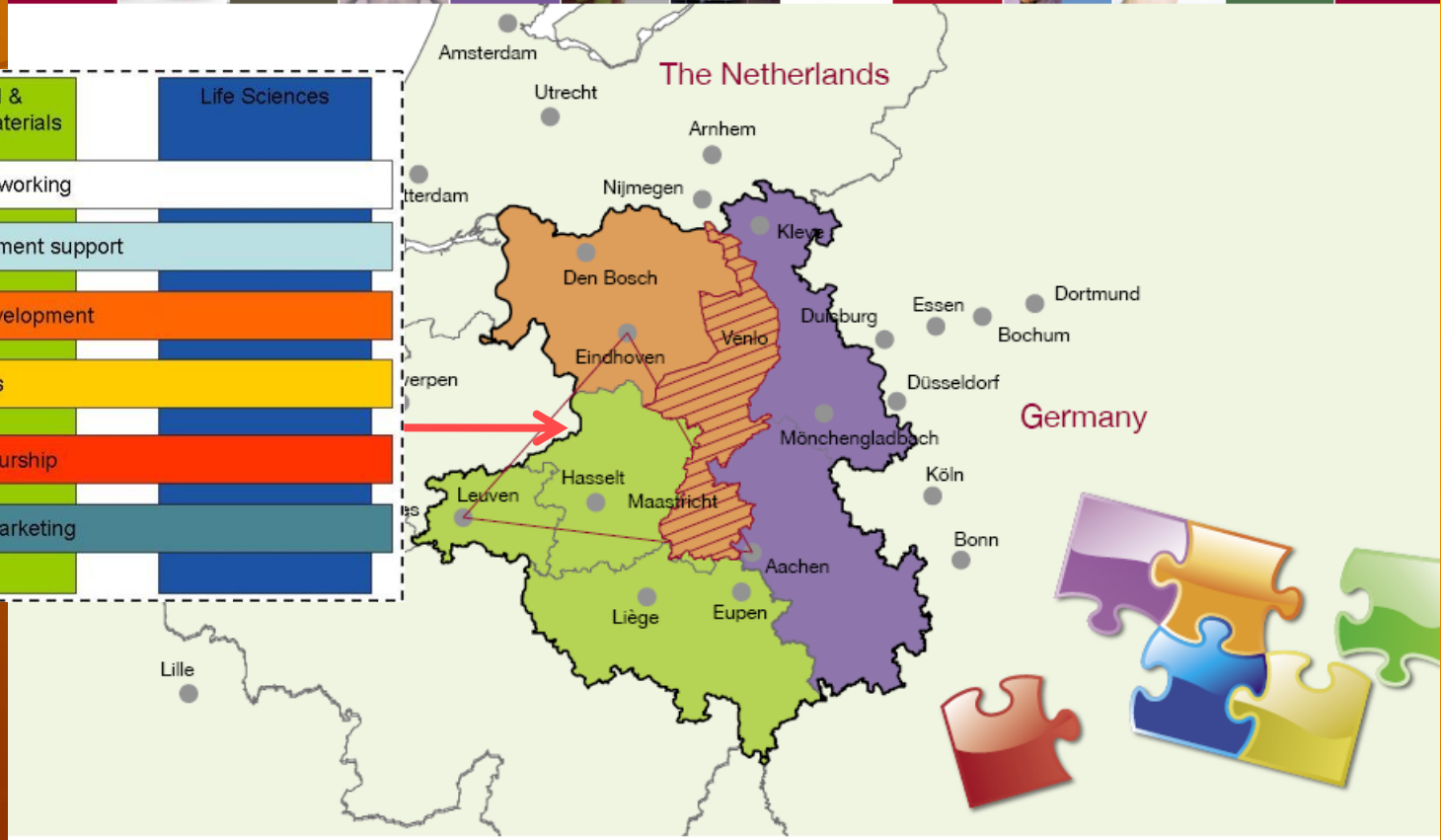
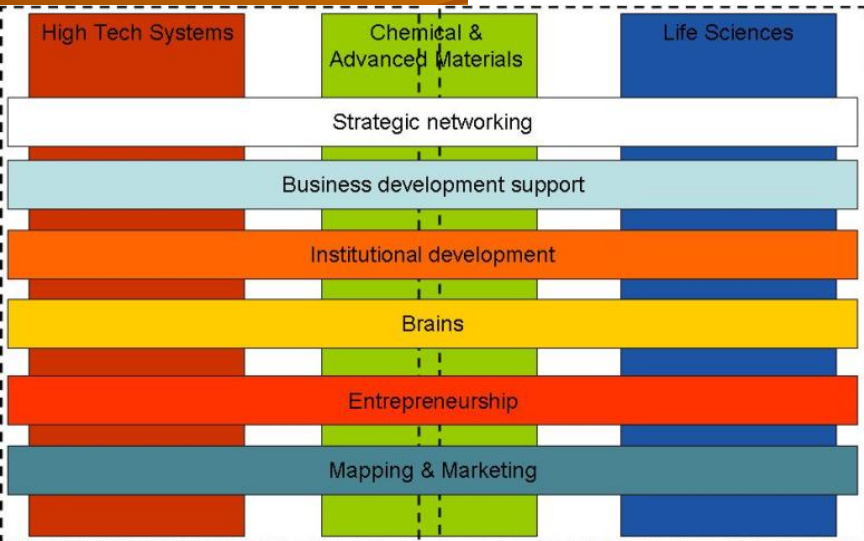
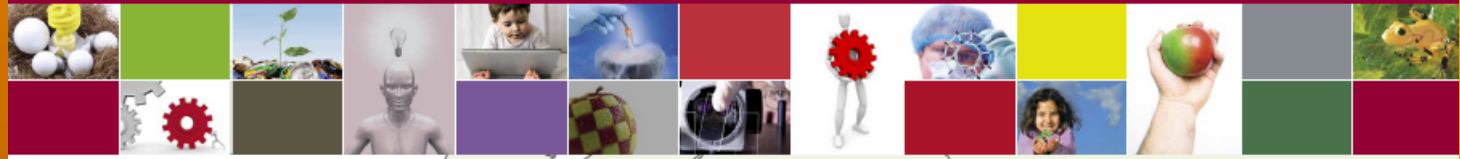
Cross border dimension



TTR - ELAt

Limburg within the Technological Top Region

Eindhoven-Leuven-Aachen triangle



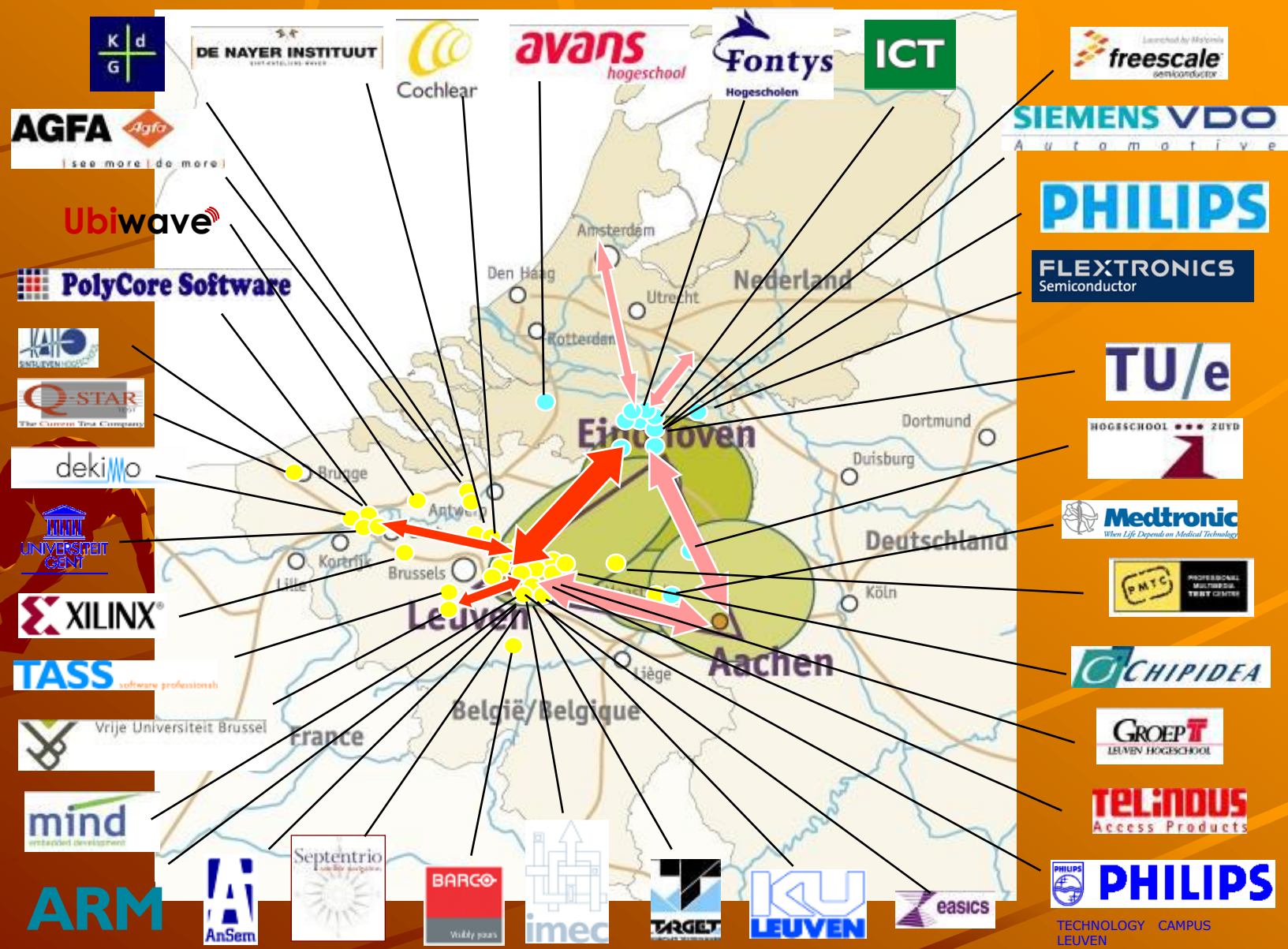
Provincie Noord-Brabant



provincie limburg



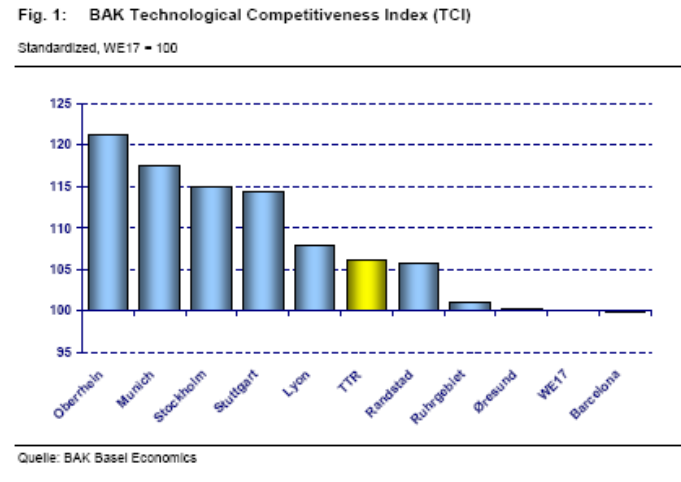
TTR- ELAt/ Private R&D Capacity (DSP)



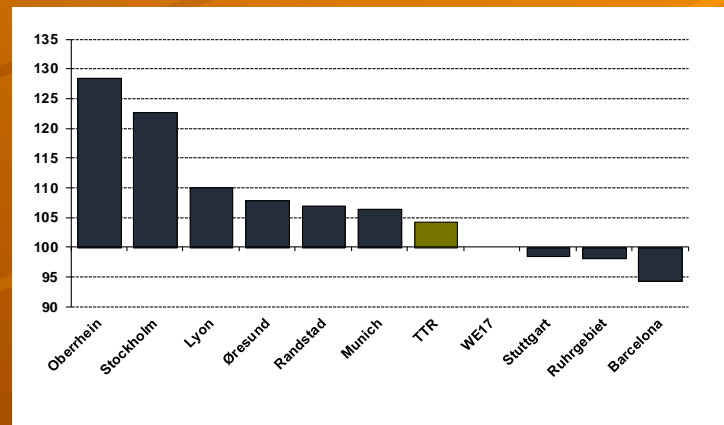
Some results from the backgroundpaper research:

2008

Cometitiveness index :



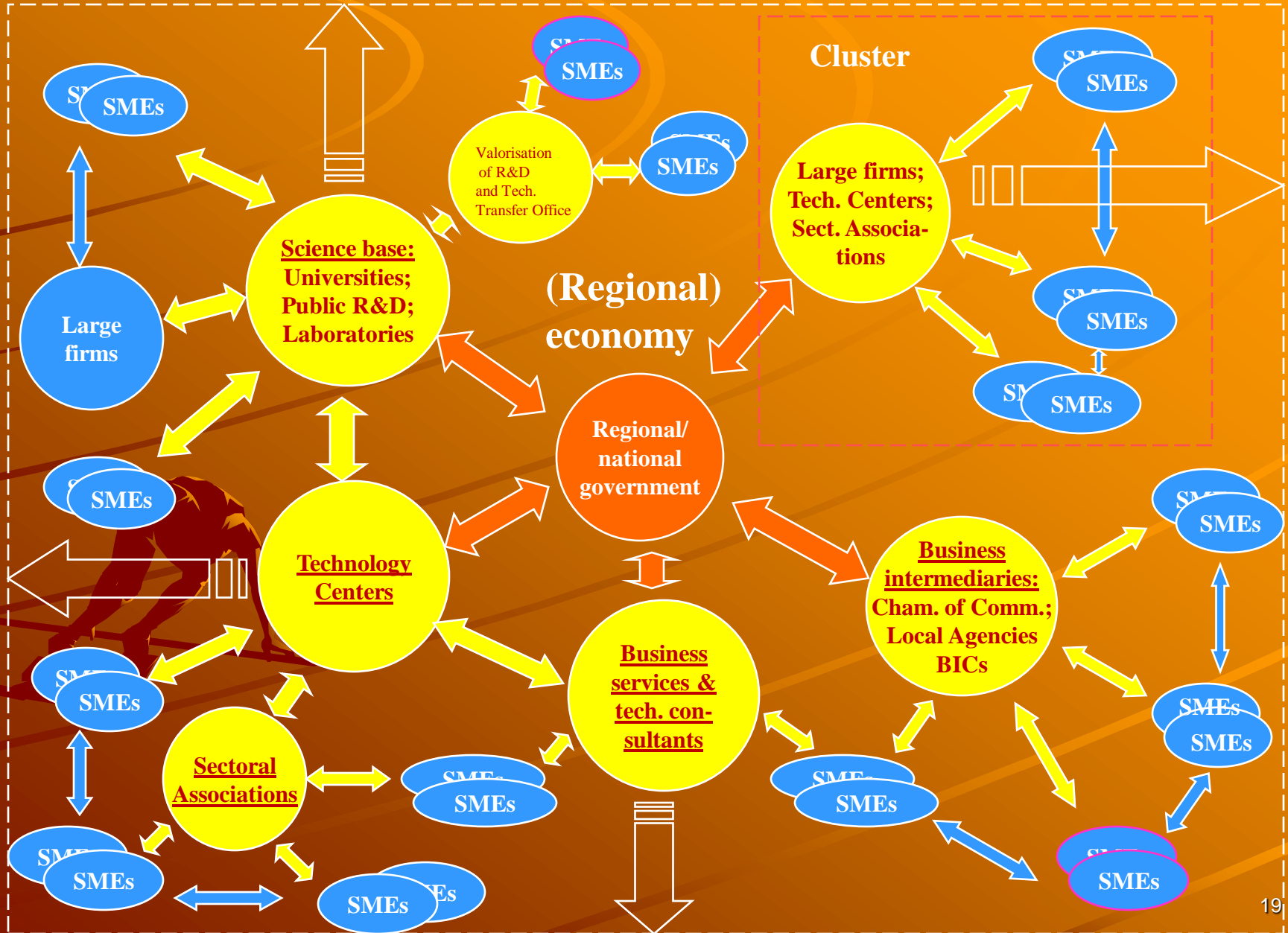
2011



A learning process : An efficient (regional) innovation system

Open gate: International R&D/academic excellence networks

Open gate: International technology transfer networks



Open gate: International value chains

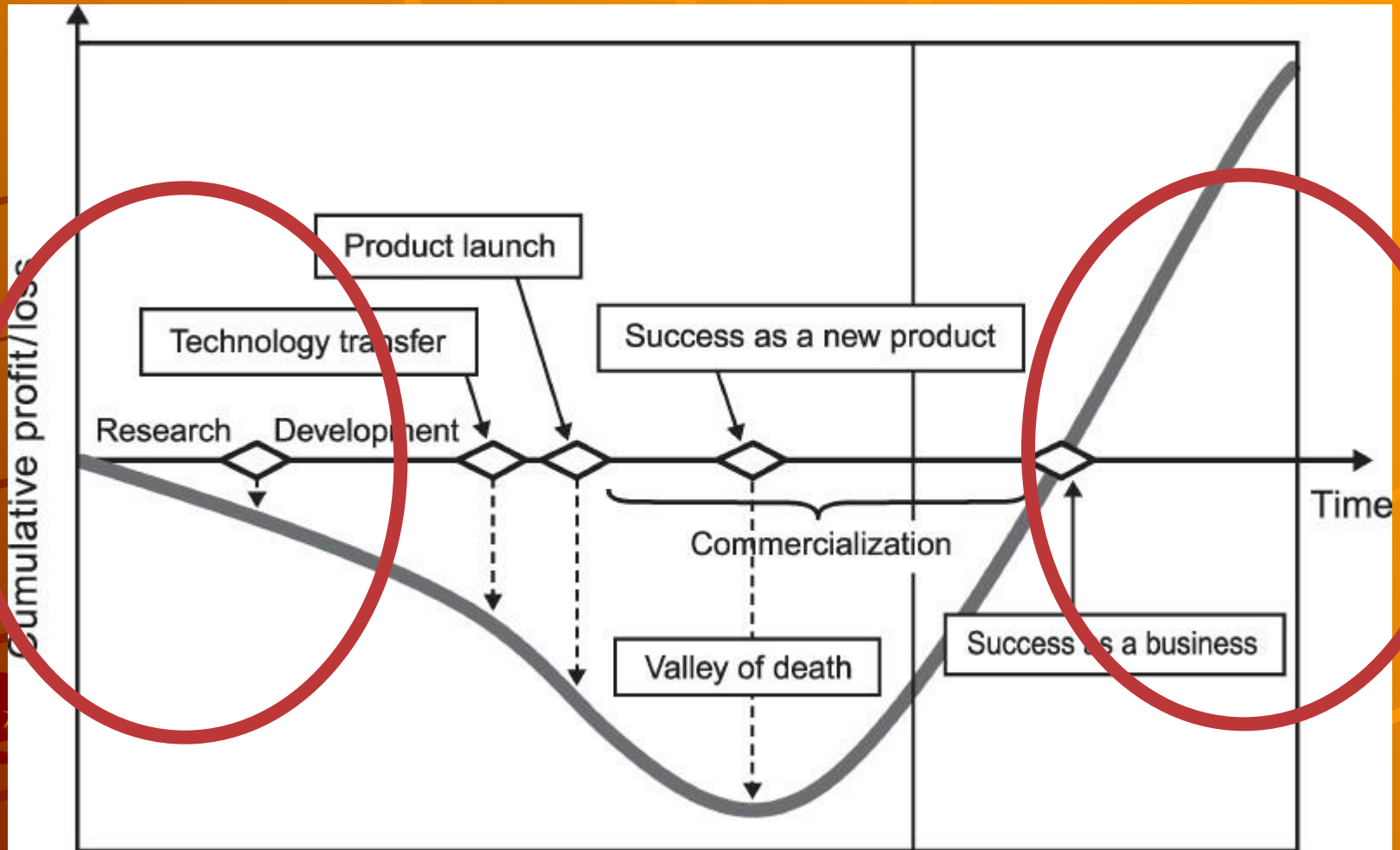
Global economy

Open gate: International business consultants & specialized business services

March 2010; political cooperation + integration ELAt and TTR



Valley of Death



Conferences



Working Group sessions





Neptunus flexible buildings

mechatronics partners

engineering tomorrow's world

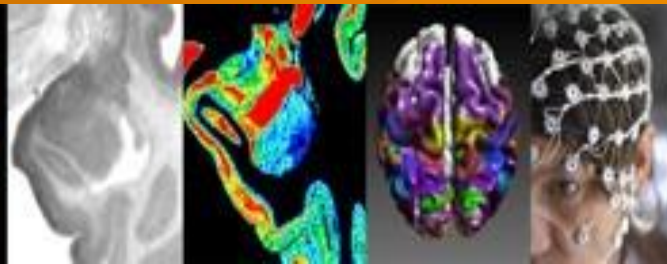
- *5 companies have entered a strategic partnership
- *Each with their own competence
- *Located within 20 km.
- *All 5 active in Business to Business
- *All innovative and world-class within their own competence



Example 1



Maastricht
(NL)
diagnostics



**Brains
Unlimited**



Jülich (DE)
Imaging



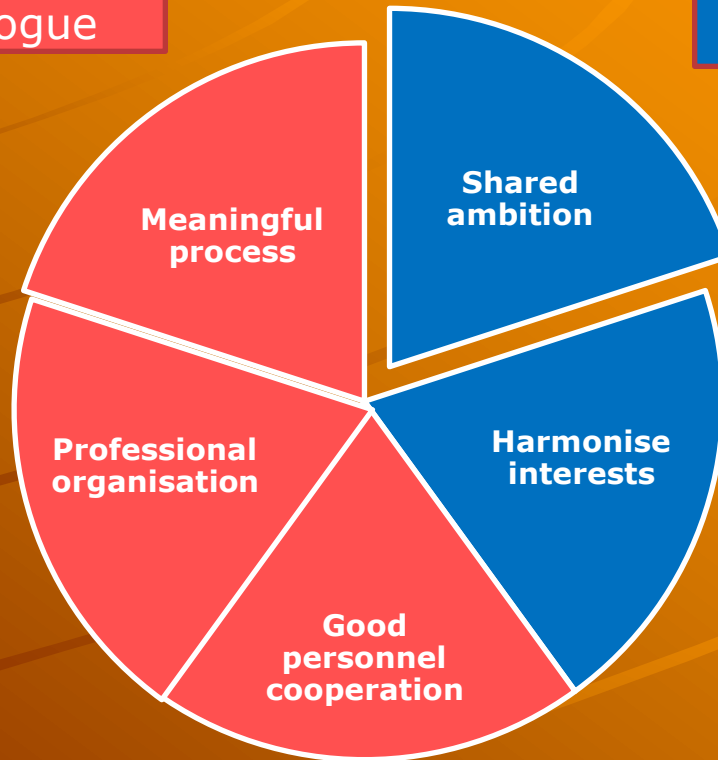
Street-scooter



Cooperation related requirements

The right steps in
The right order
Win-Win process
through dialogue

What is the shared
ambition of the
partners,
What is common goal?



Professional organised
network, Governance,
shape, decision making
process

Individual interests
Mutual gains

Constructive group
dynamics, leadership,
trust, formal + hidden
agenda

**Thank you for your
attention!**



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