



Maastricht University

*Leading
in Learning!*

Limburg and its Open Innovation Policy on the Campuses in the Knowledge Axis

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President of Maastricht University**

Brainport 2020

- Top 3 technology-region in Europe
- Increase of contribution to Dutch GNP with € 40 billion
- Increase of knowledge workers
- Increase of mobility of people and knowledge



Knowledge Axis Limburg: bridge to South East Holland and Euregion within BP 2020

Knowledge

- Publicly supported and funded strategy, internationally connected partners
- Three partners (MUMC+, HSZ)
- Total investment in Limburg (10 years) € 0,6 billion



Strategy of Maastricht University

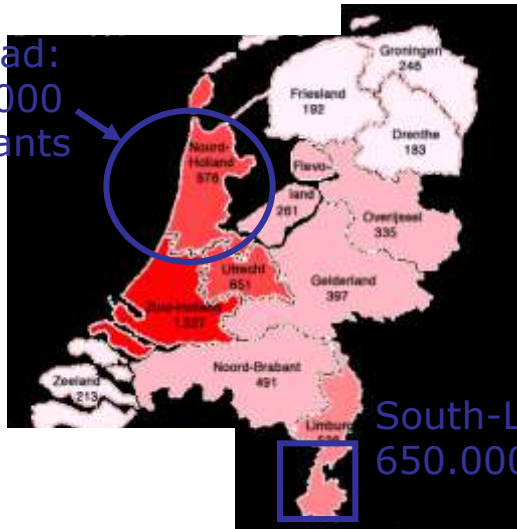
- Most international university in the Netherlands
 - Network university
 - Innovations in education
 - Gateway for international mobility of knowledge, students and staff to the Netherlands
- **We will be the academic core of this region by being at the centre of interaction between culture, knowledge, economy and societal needs.**

The Limburg Knowledge Axis

Decentral in the Netherlands – Central in the Euregion

Euregion: 3.900.000 inhabitants

Randstad:
4.000.000
inhabitants



South-Limburg
650.000 inhabitants

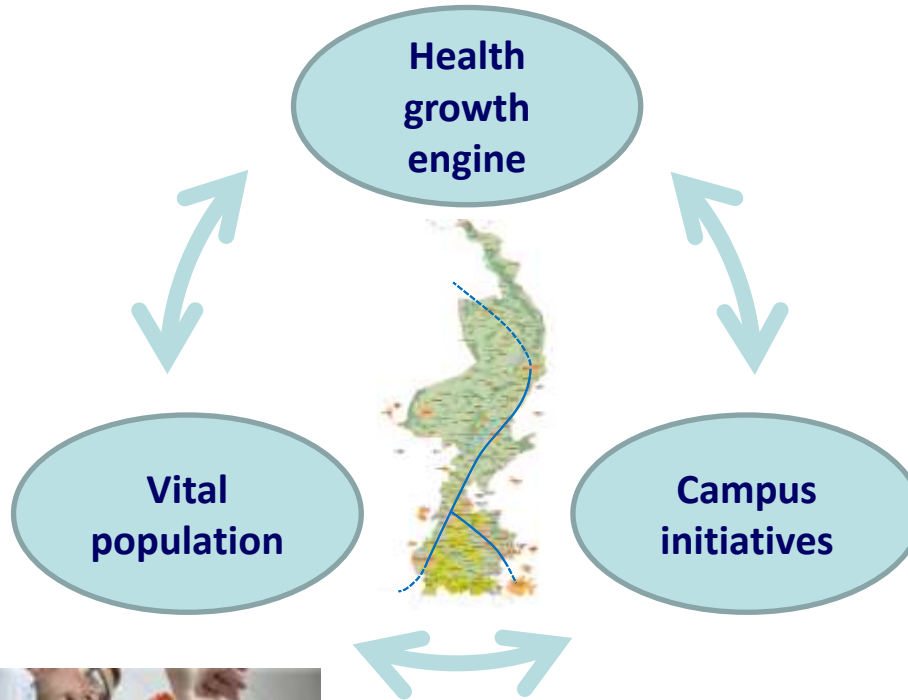
Euregion: a stronger critical mass

- Strategic alliances between hospitals and universities
- Establishment academic network in the Euregion
- Complementarities above competition
- Focus on life sciences and (bio-) technology



Starting points of the Knowledge Axis

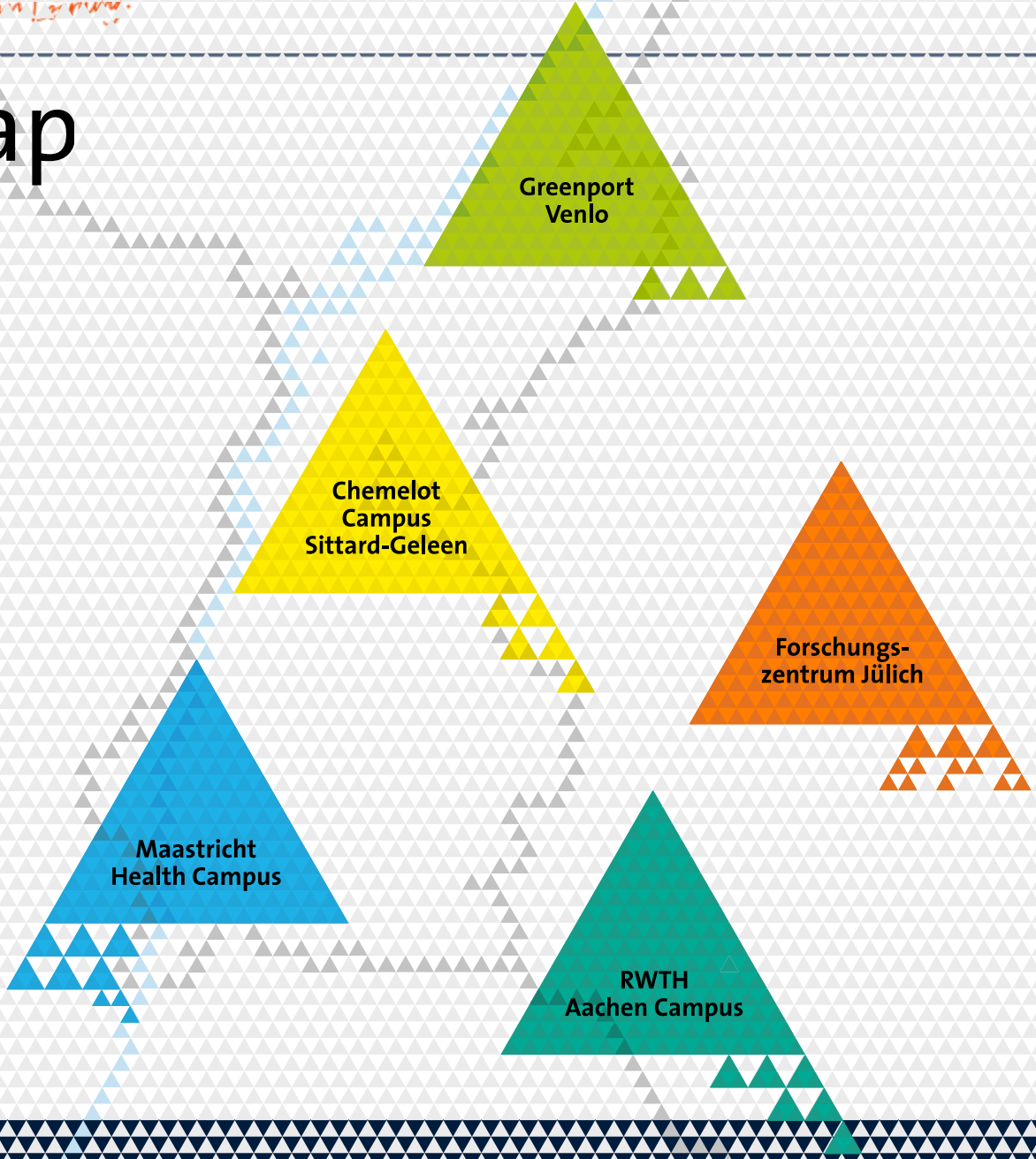
- Decentralised approach along the axis
- Three partners (UM, MUMC+, Zuyd) focusing on the needs of the region
- Triple helix collaboration between knowledge institutions, industry (e.g. DSM) and government

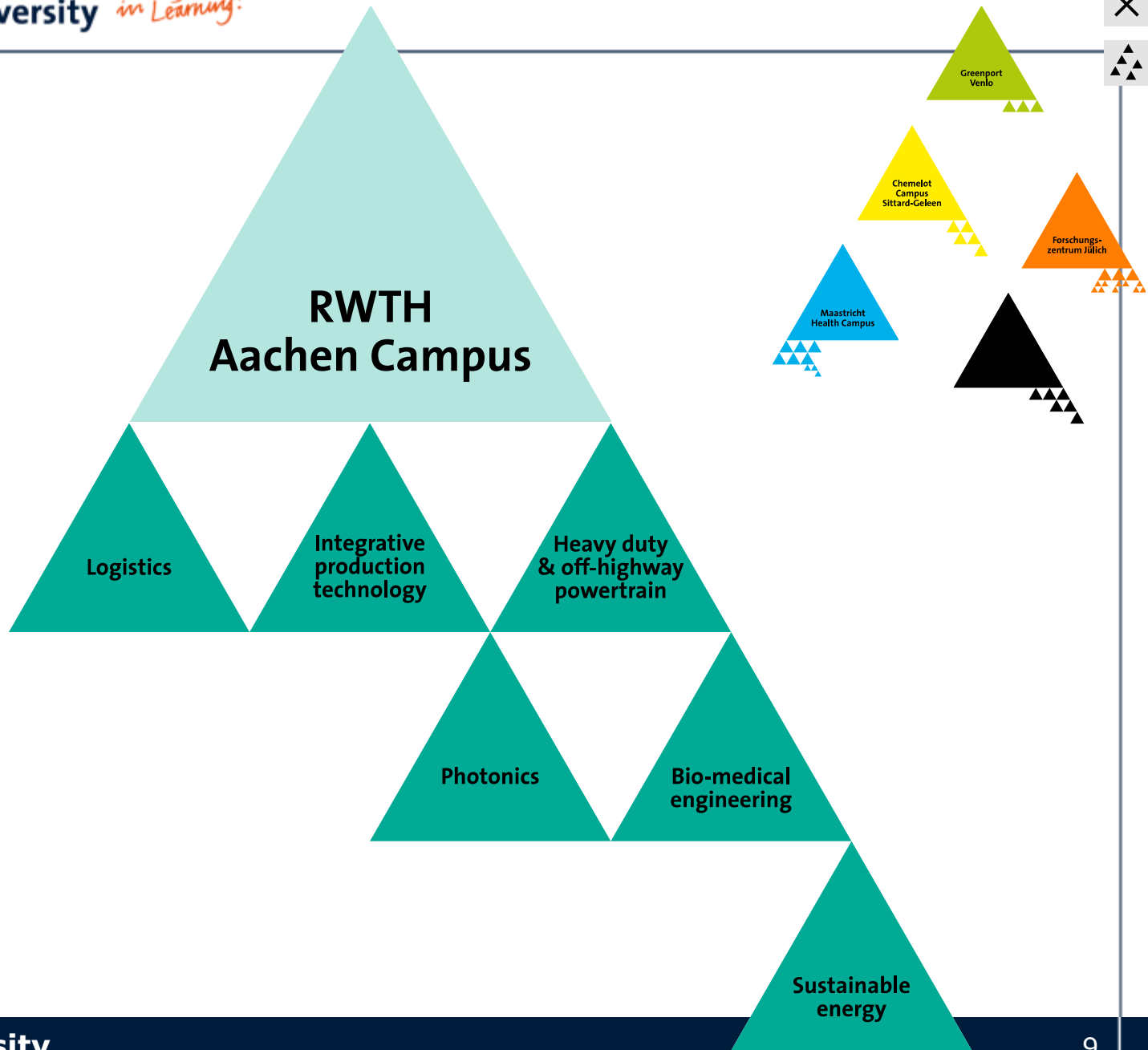


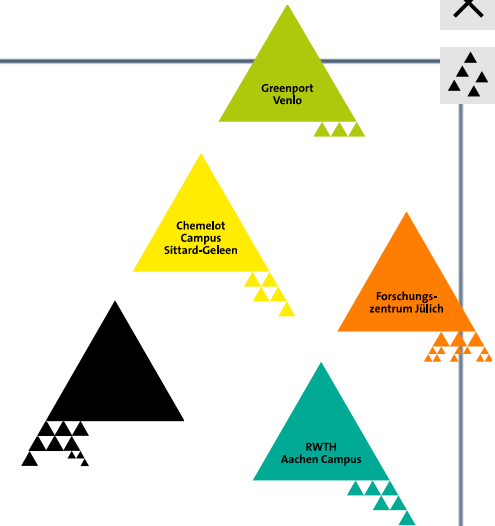
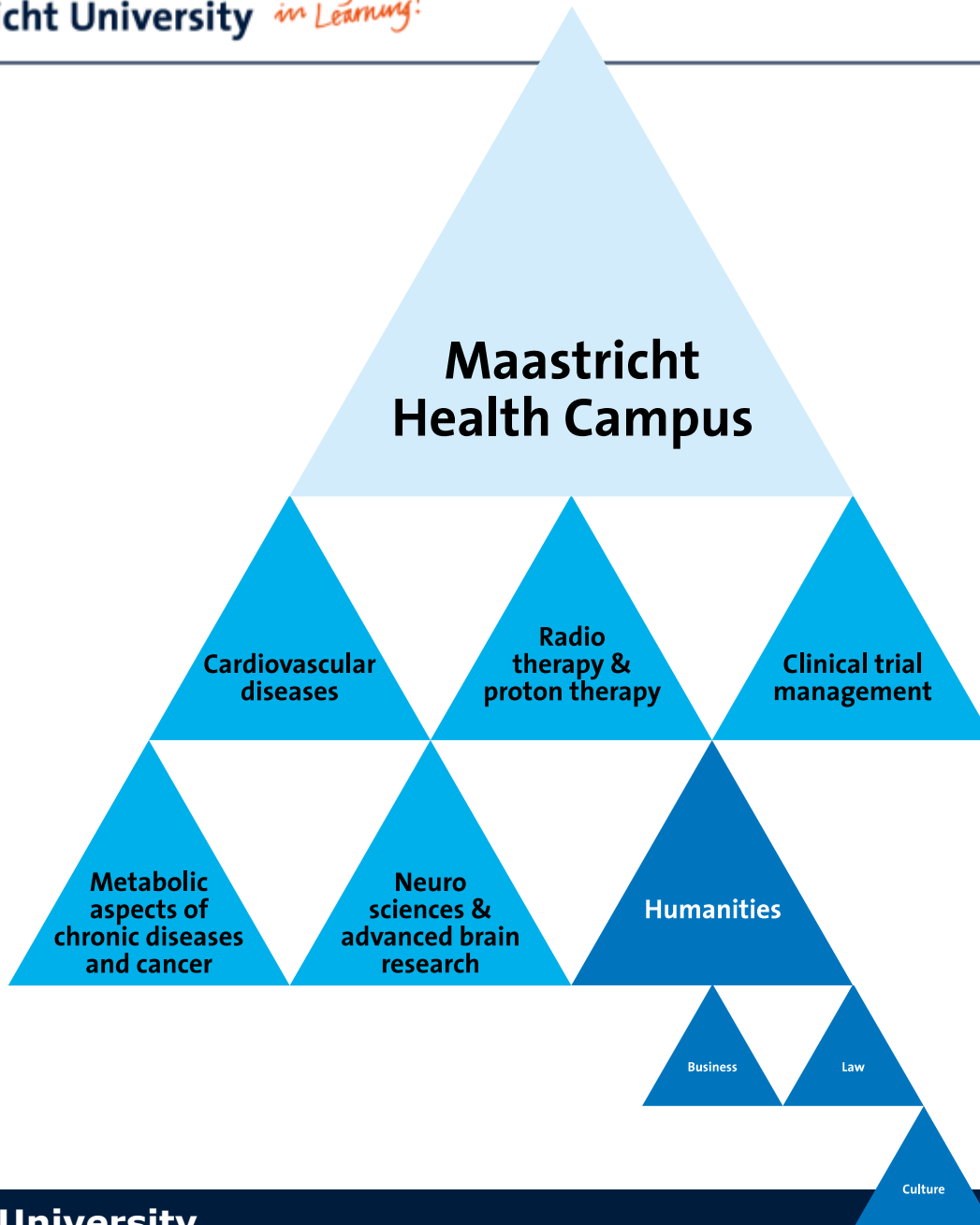
Maastricht Health Campus

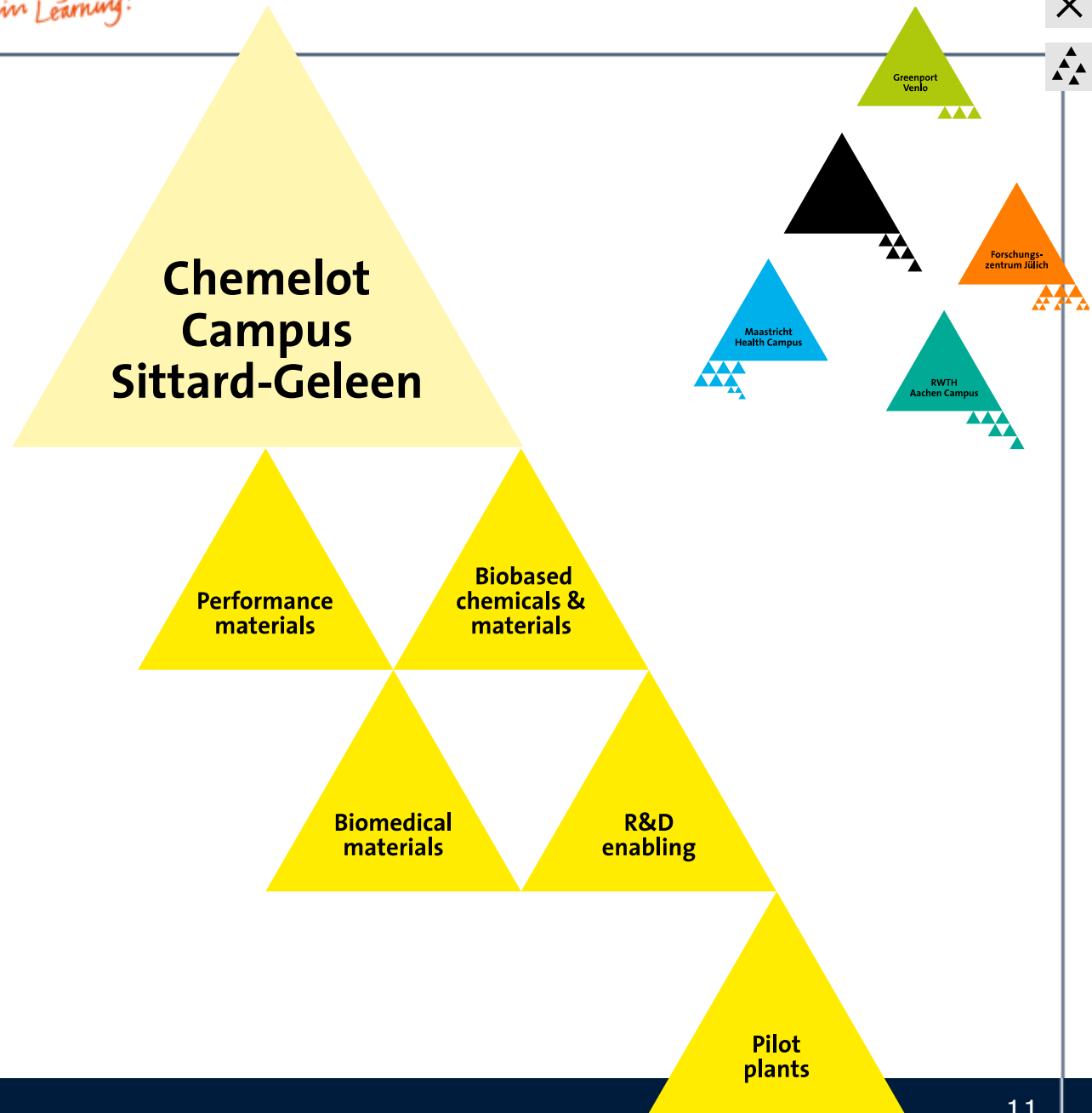


Campusmap









Chemelot

- Second largest chemical site in Europe (> 800 ha)
- Industrial Park and Campus
- Number of companies at Chemelot > 80; 68 new companies since 2005
- Many are market leaders in their specific field
- Concept of “open chemical innovation”

Industrial Park

Plug & play infrastructure



Campus

Innovative unique study programmes



Value Proposition: 1 + 1 > 3

- *Accelerated business growth through open innovation*
- *Synergy between members of the Chemelot community*
 - *Availability of enabling facilities*

Crossover: Biobased Materials



Innovative international cooperation

- AMIbm



- Inscite

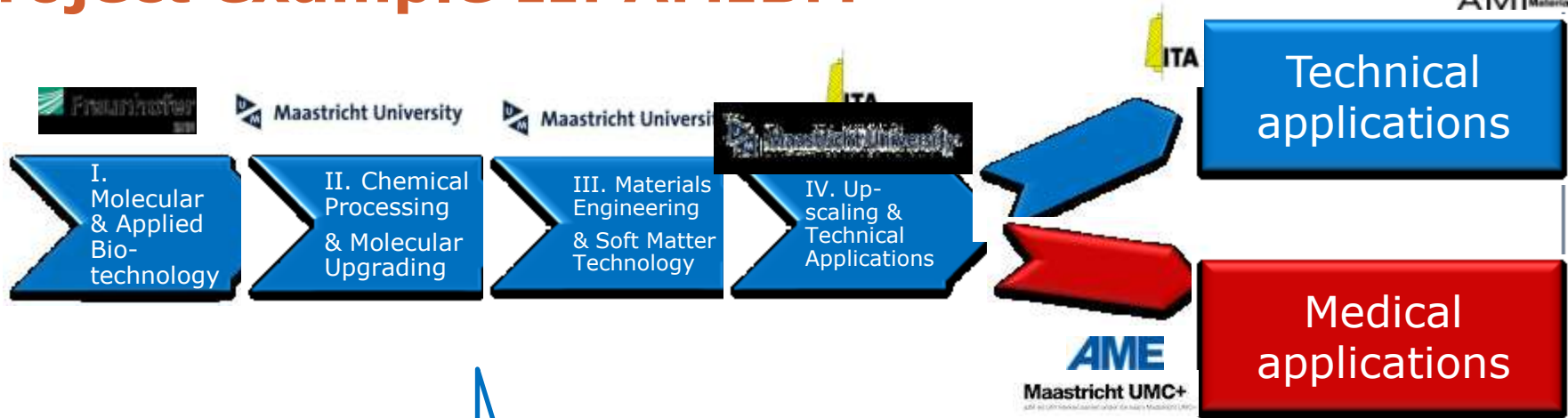


Chemelot Campus project example I : Bachelor Science Programme

- Innovative small-scale Liberal Sciences bachelor's programme; open curriculum
- Started in September 2011 with 47 students in the first year; 62 new students in the year 2013/2014
- High influx from international students
- Courses in, e.g., Chemistry, Biology, Mathematics, Neurosciences
- Skills training and lab sessions at the Chemelot Campus; link between theory and practice
- Master's programme in development: Biobased Materials (starting in 2014)



Project example II: AMIBM



**Innovative Polymers...
...for innovative applications**





Thank you for your attention!
Questions?