Dutch Agro & Food: Linking Science, Industry & Government!

Dr. Arjo Rothuis, Account Manager Asia, Wageningen International.





Global challenges

Food security

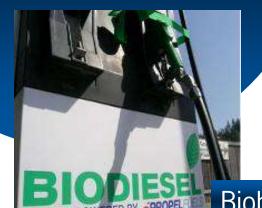




Agri - Food









Governance

Biobased Economy



Netherlands Agro-Food



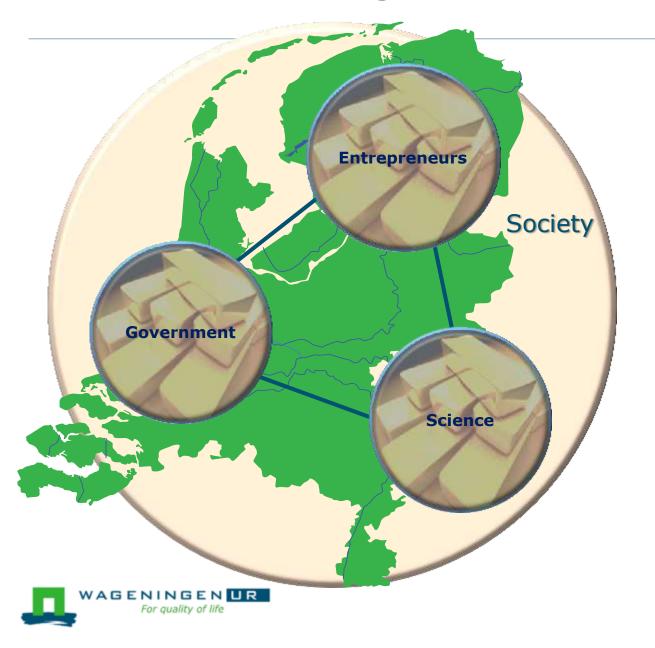


Agro-Food Horticulture Water Chemistry Energy Life Sciences HighTech Logistics Creative Industry

WAGENINGEN UR
For quality of life

MADE IN HOLLAND AGRI-FOOD

The Golden Triangle

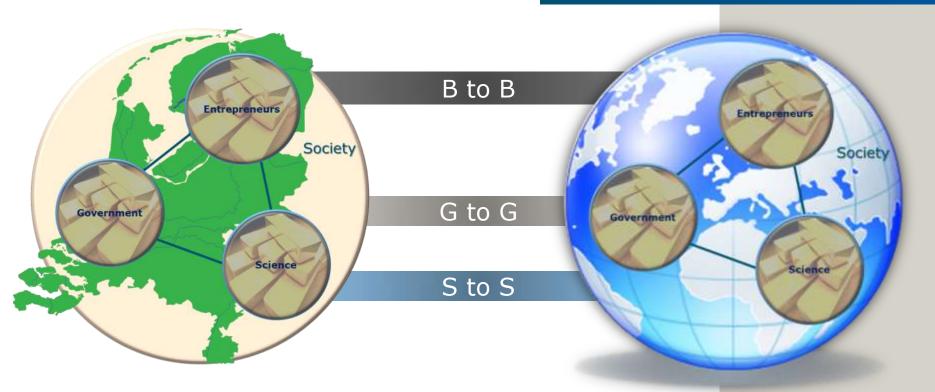






The golden triangle

...Science with impact...

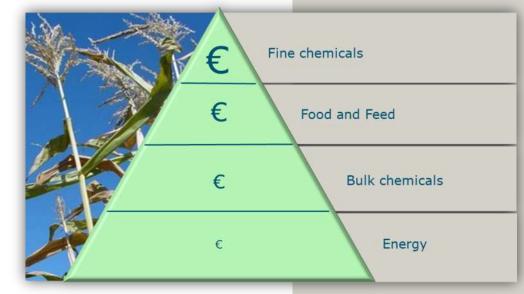




Dutch strength: added value

- Added high value
- Bio-refinery
- Horticulture, Dairy, Food & nutrition
- Focus on quality (healthy food)
- Resource use efficiency

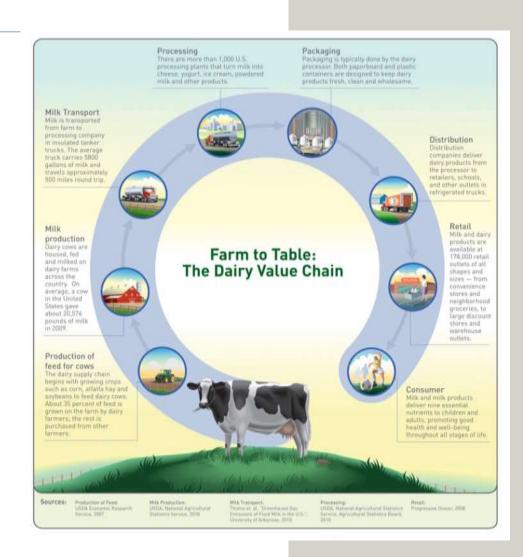






Dutch strength: Chain management

- Logistics
- Tracing and tracking
- Certification
- Animal welfare
- Corporate Social Responsebility





Dutch strength: Integrated systems

- Metropolitan Food Security
- Reduction and valorization of waste
- Combine agro-activities
- Chain integration







Trends



Medieval or First Generation University



...Science with impact...



Humboldt or Second Generation University

+ Research



Third Generation University

+ Impact



The entire knowledge chain

...Science with impact...

Inspiration

Fundamental Applied

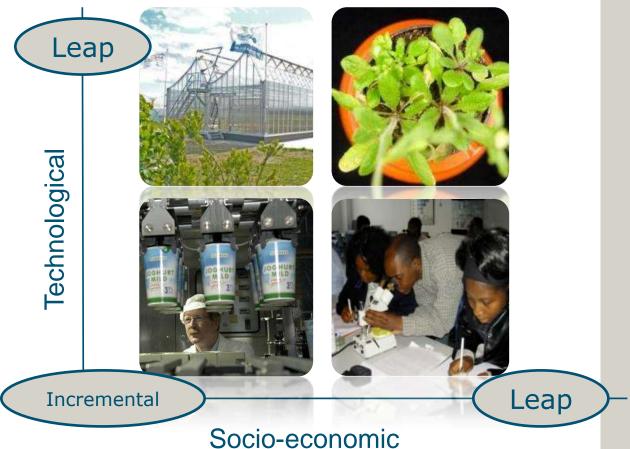
Valorization

Application of our knowledge



Technological and Socio-economic

...Science with impact...









The Wageningen UR domain: healthy food and living environment





Wageningen UR (University & Research centre)

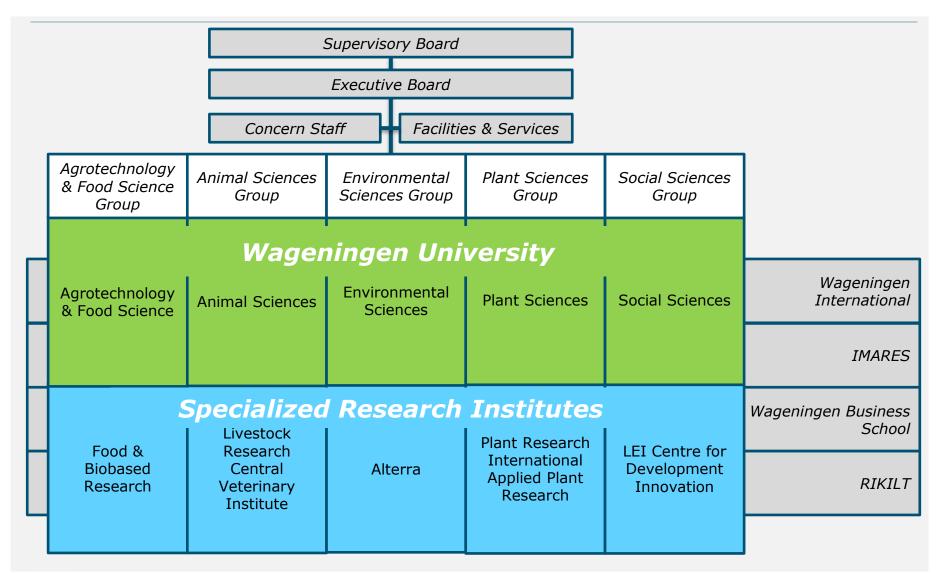
2 organisations: Wageningen University & 9 research institutes

- Turnover € 700 mln
- 6,000 employees
- 10,000 stud. (> 100 countries)
- Top 3 in our domain
- 30 locations in The Netherlands
- Center of Excellence in Chile
- Representative Office in China & Ethiopia
- Project offices in Bangladesh & Zambia





Organisation Structure

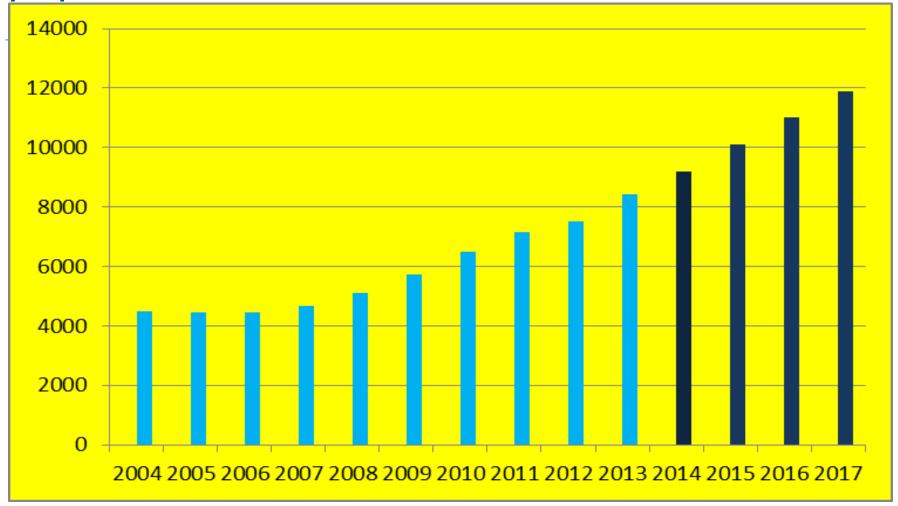




Education: International context



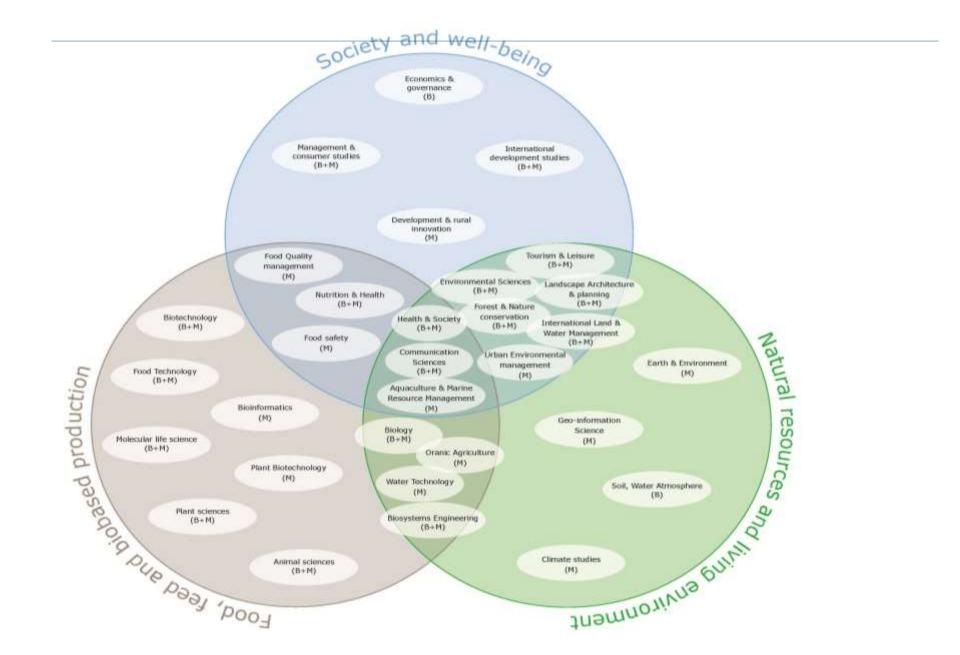
Wageningen UR: Increasing student population (BSc/MSc)



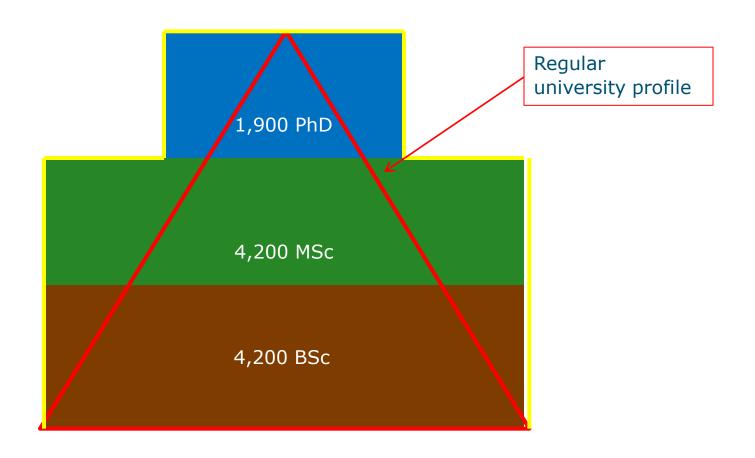




Bachelor and Master



A research university

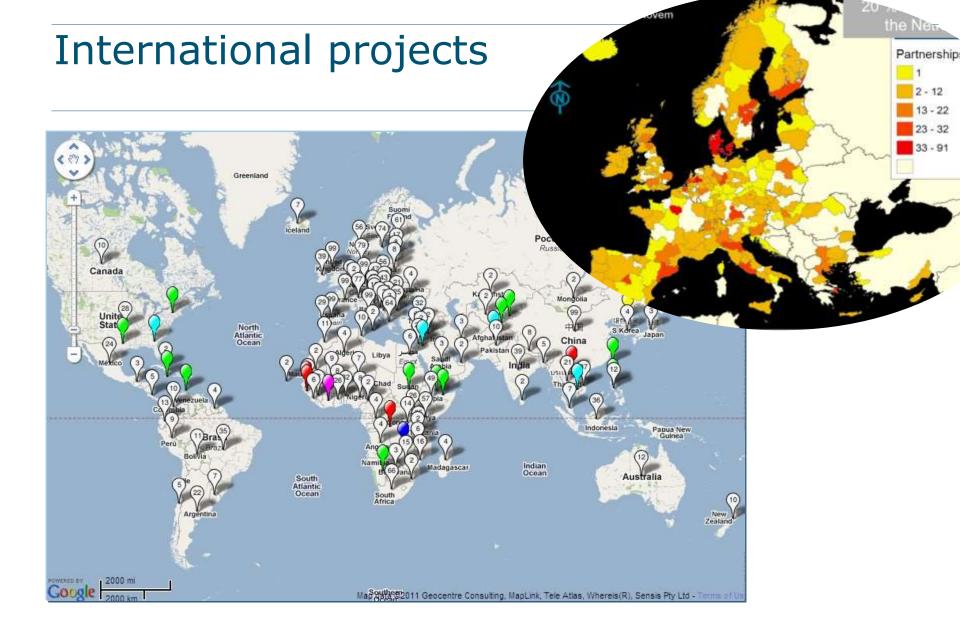




Wageningen UR International Ranking

- Times Higher Education (THE): 61-70 (overall)
- QS World Universiteit ranking: 151 (overall), 2 (agri sciences), 8 (environmental sciences)
- National Taiwan University (NTU) Ranking: Wageningen UR is No. 1.











Campus ecosystem

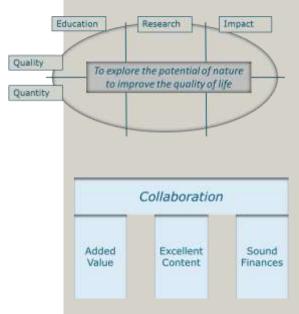
...Science with impact...





Wageningen UR International Strategy

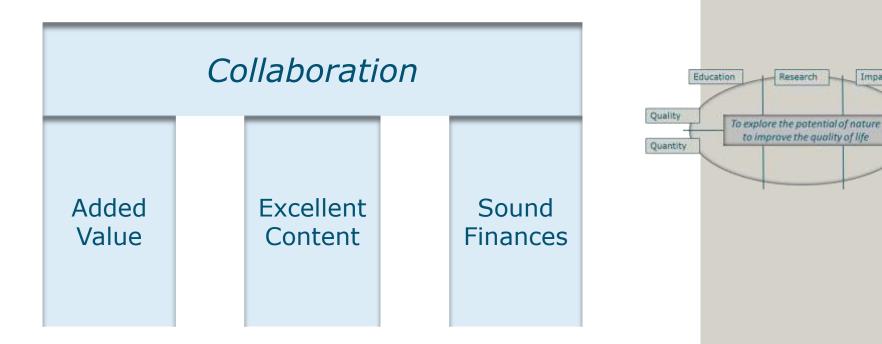
- Collaboration with scientific organizations
 - Joint activities
 - Joint facilities
- Collaboration with Industry
 - Alliances
 - Public-Private Partnerships
- Collaboration with governments
 - Supporting national policies
 - Capacity building
- Triple Helix







Wageningen UR International Strategy







Examples Collaboration

University:

- Education (student/staff exchange)
- PhD & Post-doc

Applied research Institutes:

- Consultancy
- Contract research
- Capacity Building





