



Regional agri-platforms in Flanders: an opportunity for international collaboration

30/03/2017

China-Belgium Innovation Dialogue

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Mission

- To form a consortium of Flemish knowledge centers active in primary production
- To combine a broad range of competencies in fundamental and applied agricultural research
- To reinforces synergy between constituting partners
- To promote and reinforce international activities



Agrolink Flanders members

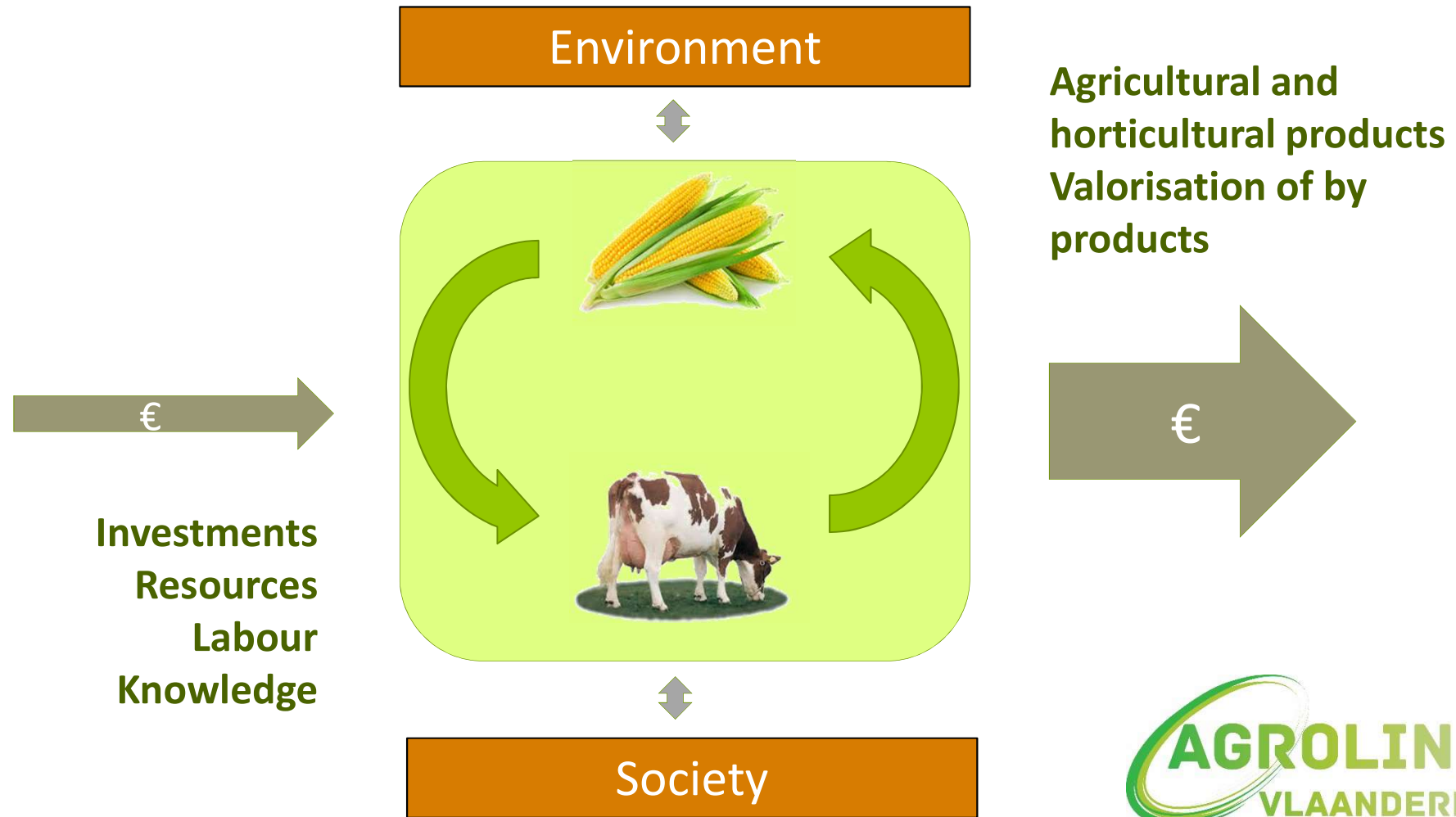


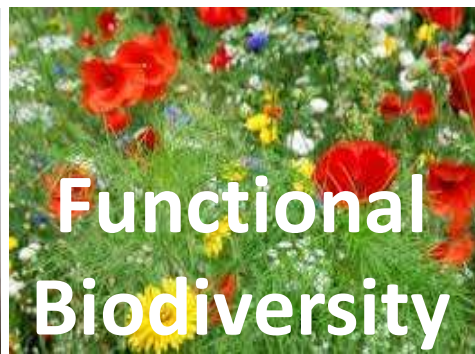
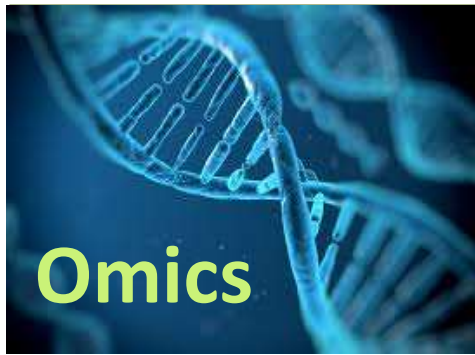
Facts and figures

- 18 partners
- 3.249 employees
- 136 M€ turnover
- 1.618 running projects
- 3.000 publications per year
- 2 top-10 universities in European rankings
- 552 ha experimental fields
- 8,2 ha experimental greenhouses
- 32.000 m² stable facilities
- Numerous quality labels and accreditations



Integrated systems approach





From knowledge to innovation

Fundamental research Applied research Practical research Demonstration & advice End user



Knowledge

Innovation



Cooperation of Agrolink Flanders partners with China: EUCLEG

- Breeding forage and grain legumes to increase EU's and China's protein self sufficiency: soy, alfalfa, clover...
- 2017-2021
- ILVO
- Heilongjiang Academy of Agricultural Sciences, Chinese Academy of Agricultural Sciences, Chinese Academy of Sciences, Inner Mongolia Agricultural University, Jiangsu Academy of Agricultural Science, Shanxi Agricultural University, Zhejiang Academy of Agricultural Sciences

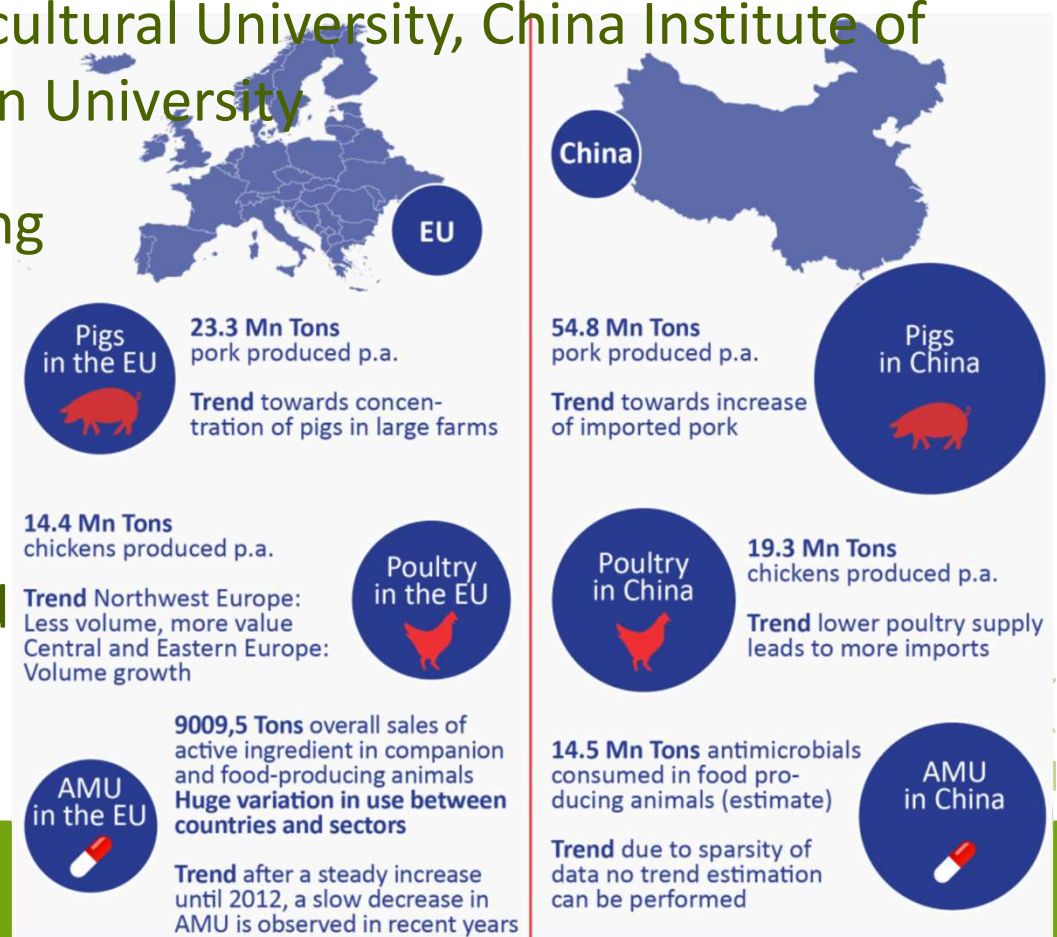


INCARNA



- Ghent University, ILVO, The Experimental Poultry Center
- China Agriculture University, Chinese Academy of Sciences, South China Agricultural University, Huazhong Agricultural University, Shandong Agricultural University, China Institute of Veterinary Control, Sichuan University

- Developing and combining innovative health care solutions for reduced antimicrobial drug use and improve animal health tailored to pig and broiler production in the EU & China



Opportunities for cooperation

- *Global challenges:* climate change, energy demand, water scarcity, food security
- *Future developments:*
 - e.g. Digitization of agriculture (precision farming, high tech farming, data mining)
 - Urban farming
 - New breeding technologies (new plant and animal varieties)
 - Agro-ecology (e.g. microbiome)
 - Food safety
 - Grassland
 - IPM including innovative plant protection methods
 - Emissions
 - Agricultural waste ...



Flanders' collaboration platforms in the agri-food chain



FLANDERS' FOOD



Food.be

Small country. Great food.



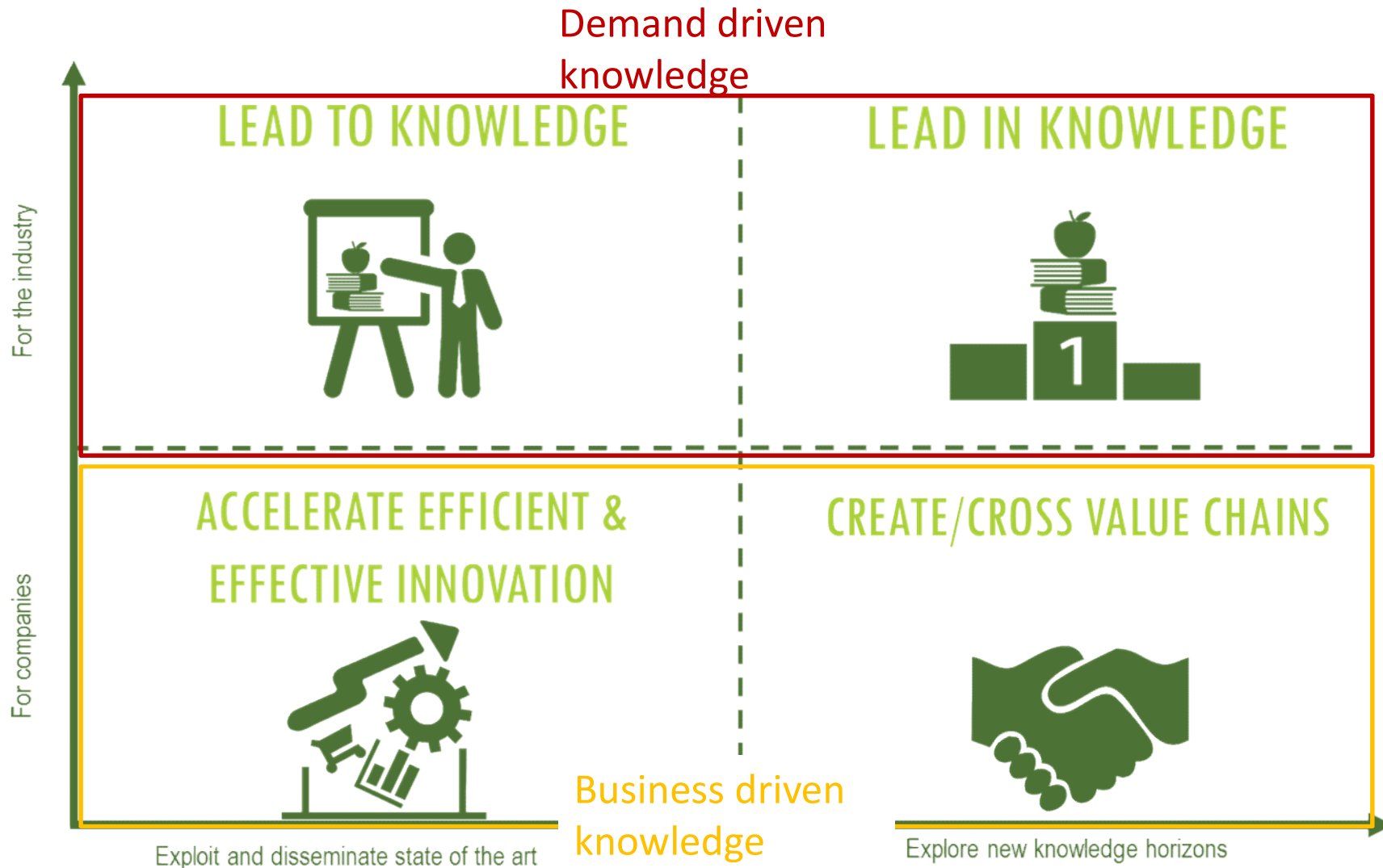
Leuven Food Science and Nutrition Research Centre
lforce.kuleuven.be

Goal: economic growth and export via innovation

- Increase the competitiveness on local and international markets
- Take up social and societal responsibilities (planet and people)
- integration in the agrifood system with equal partnerships and responsibilities for all stakeholders



4 strategic domains (process driven strategy)



FOOD2KNOW



- Interfaculty Centre of Excellence for Food, Feed, Nutrition and Health – network of academic researchers

- **Mission:**
 - To group scientists from different faculties, universities and institutes that are active in the areas of feed, food and health.
 - To function as a direct interface between its members and the industry, governments and social organizations.
 - To identify and initiate multidisciplinary research projects that can benefit the industry and/or society.
 - To provide scientific and technological expertise, innovations, training and advice to our partners.
 - To promote excellent scientific research and the importance of safe and qualitative food on the human general health.



Vrije
Universiteit
Brussel



Flanders: small in size...



... BIG in agri-research

www.agrolink-vlaanderen.be

