



INTRODUCTION

Journée d'étude des productions porcines et avicoles
Moulins de Beez, 25 novembre 2015



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INTERNATIONAL CONTEXT

- Growth of world population +50% by 2050
 - Economic growth
- x2
- Food demand



FACULTEIT BIO-INGENIEURSWETENSCHAPPEN

World population

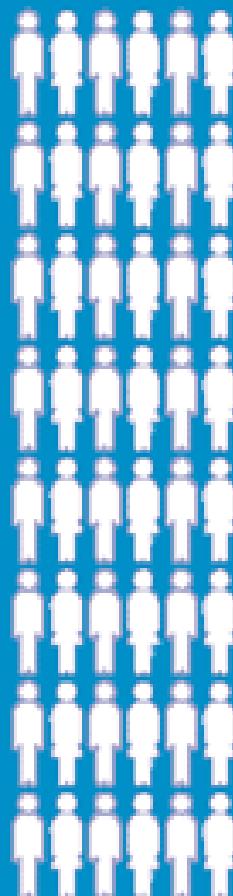
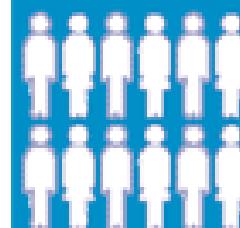
2025
8 billion people

1999

6 billion people

1950

2 billion people



Production of food per hectare

2025

One hectare to feed 5 people

1995

One hectare to feed 4 people

1960

One hectare to feed 2 people

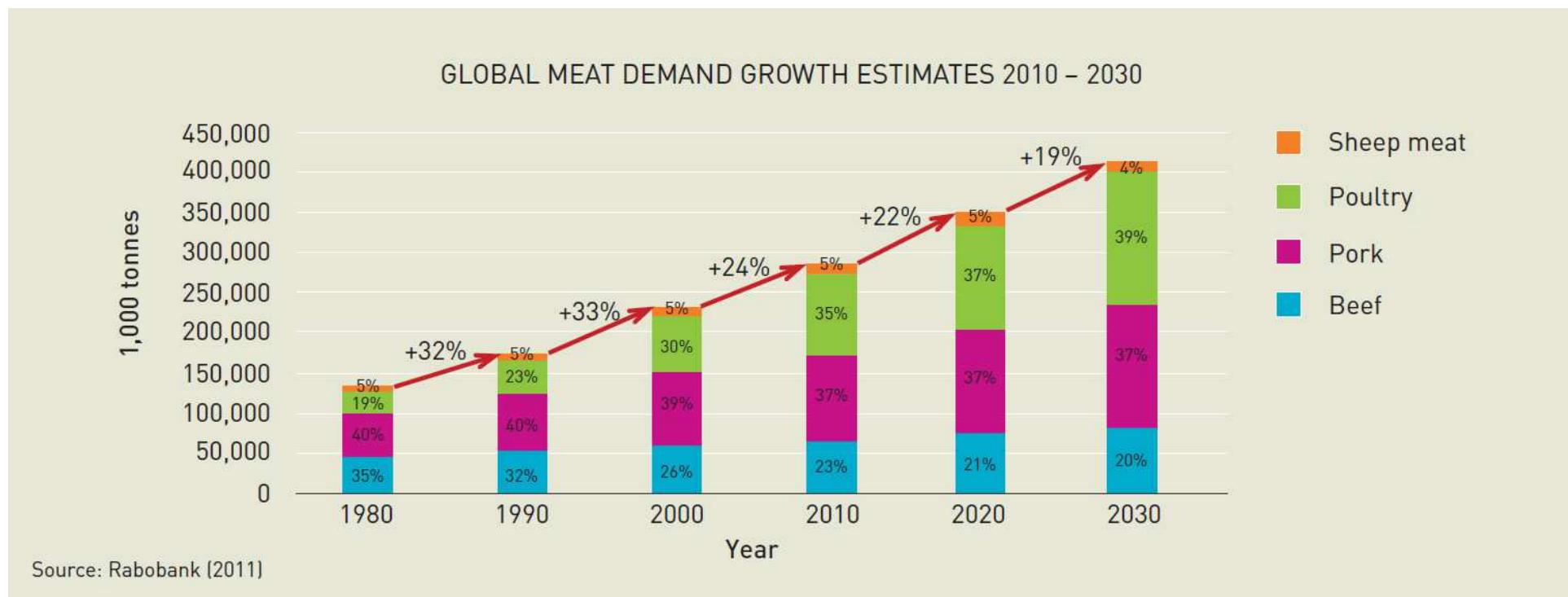


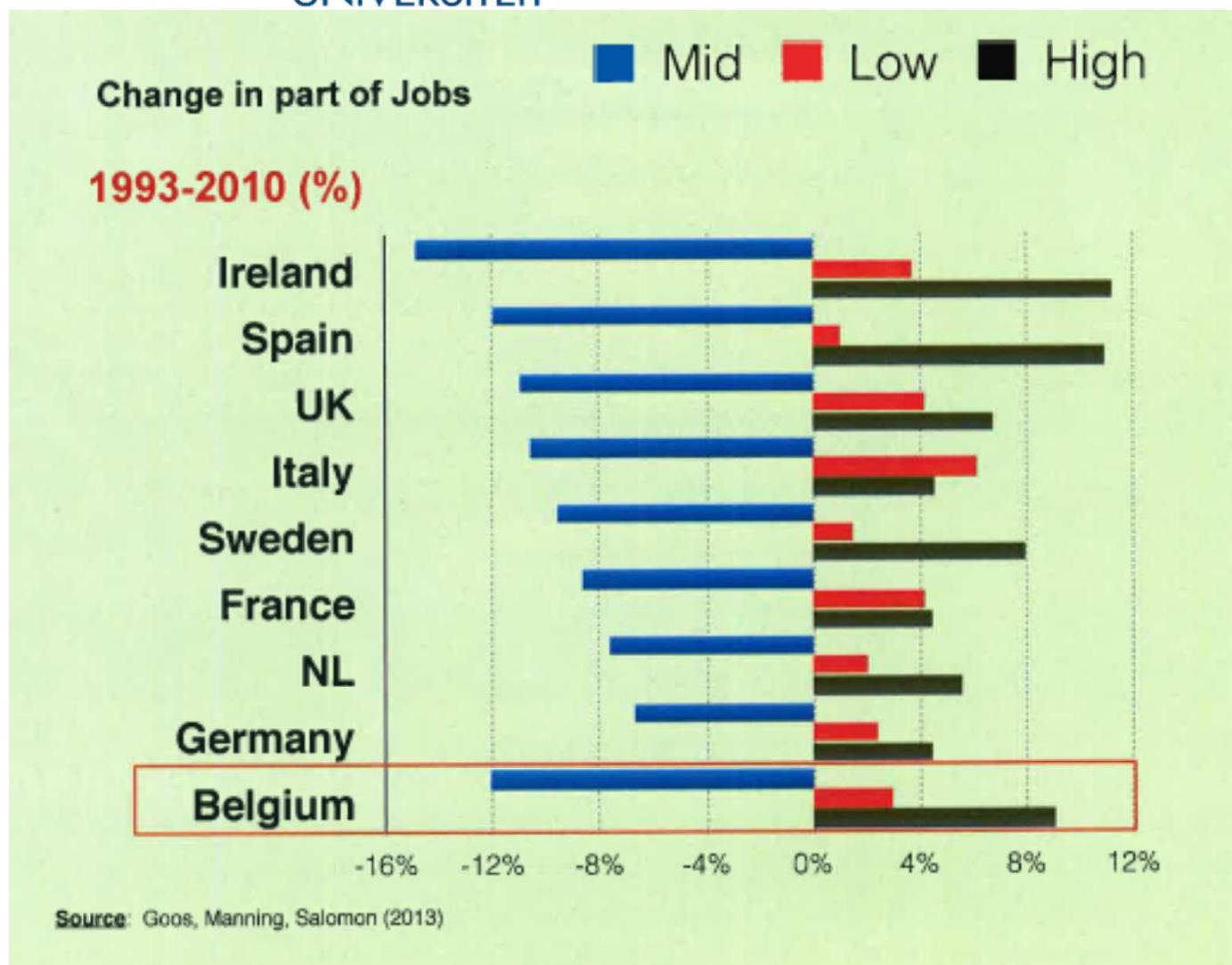
Source: <http://www.syngenta.com/global/corporate/en/products-and-innovation/research-and-development/Pages/why.aspx>



Economic growth

Economic growth → Income ↑ → Meat consumption ↑



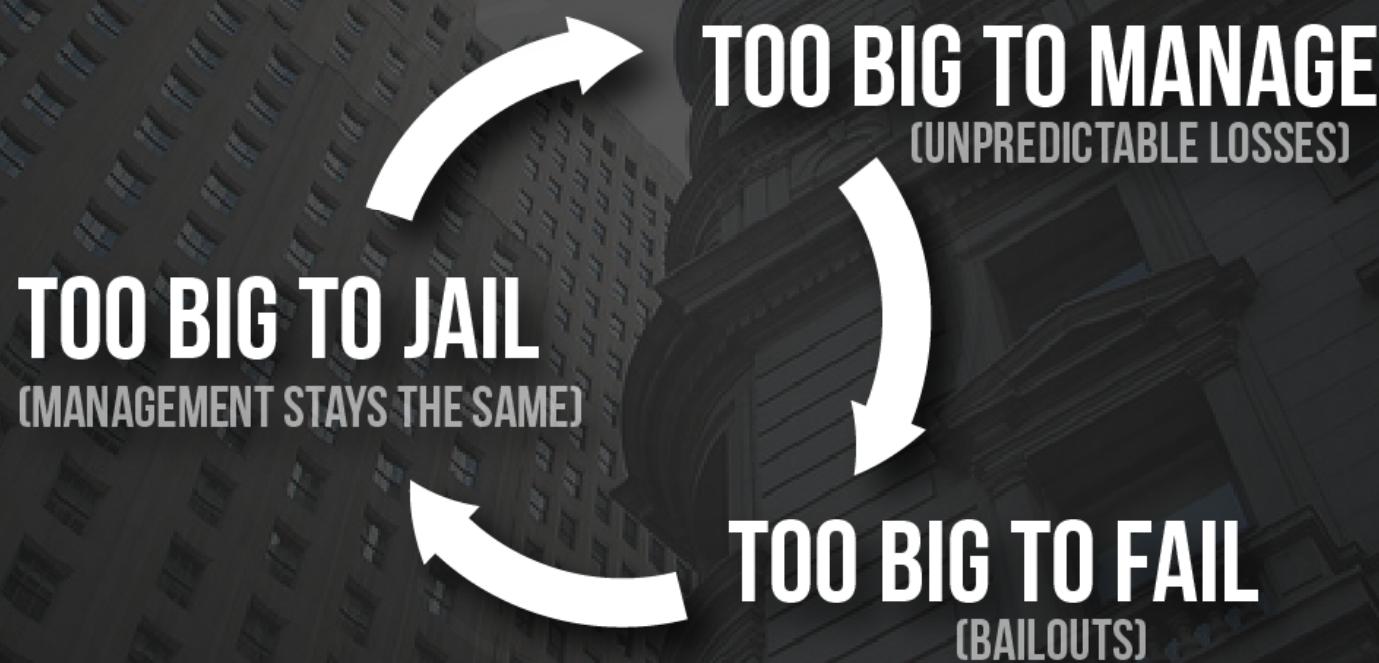




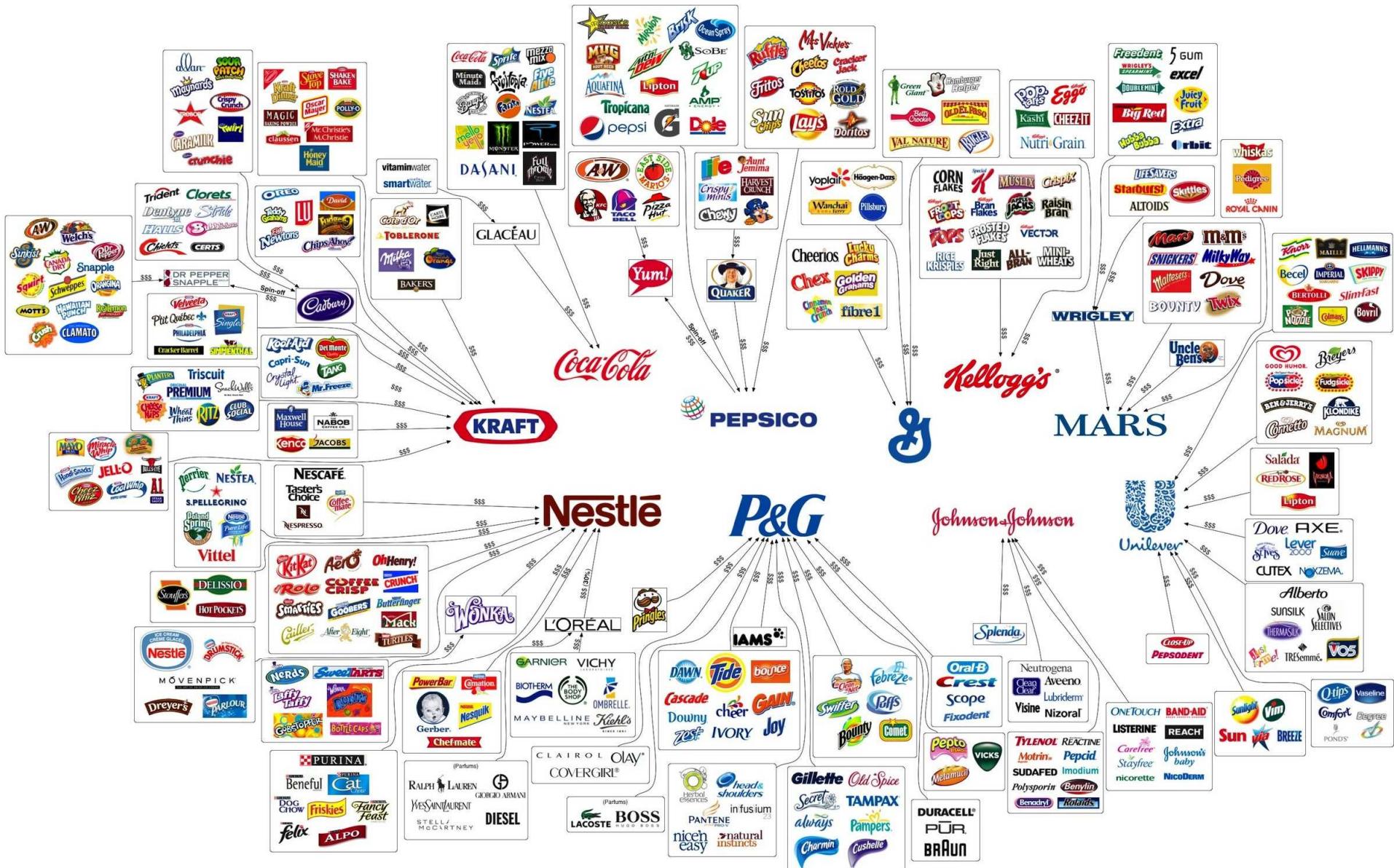
INTERNATIONAL CONTEXT

- Growth of world population $\uparrow +50\%$ by 2050
 - Economic growth
 - Competition \uparrow
 - Globalization
 - BRICS - countries -> MINT
- } Food demand
 $\uparrow \times 2$

The Megabank Cycle



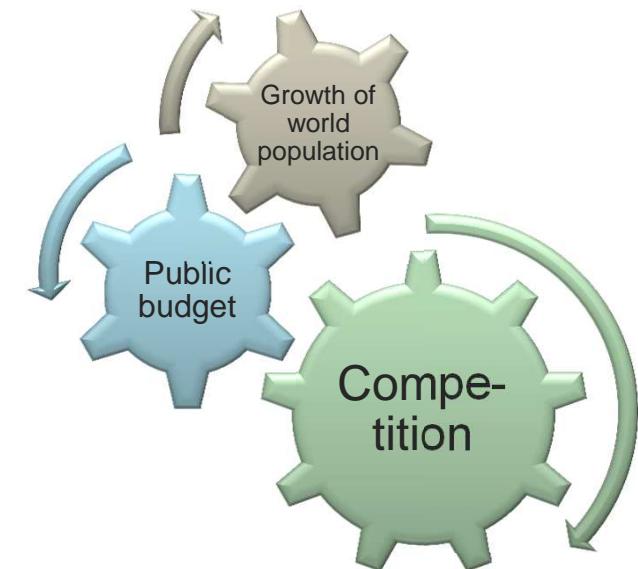


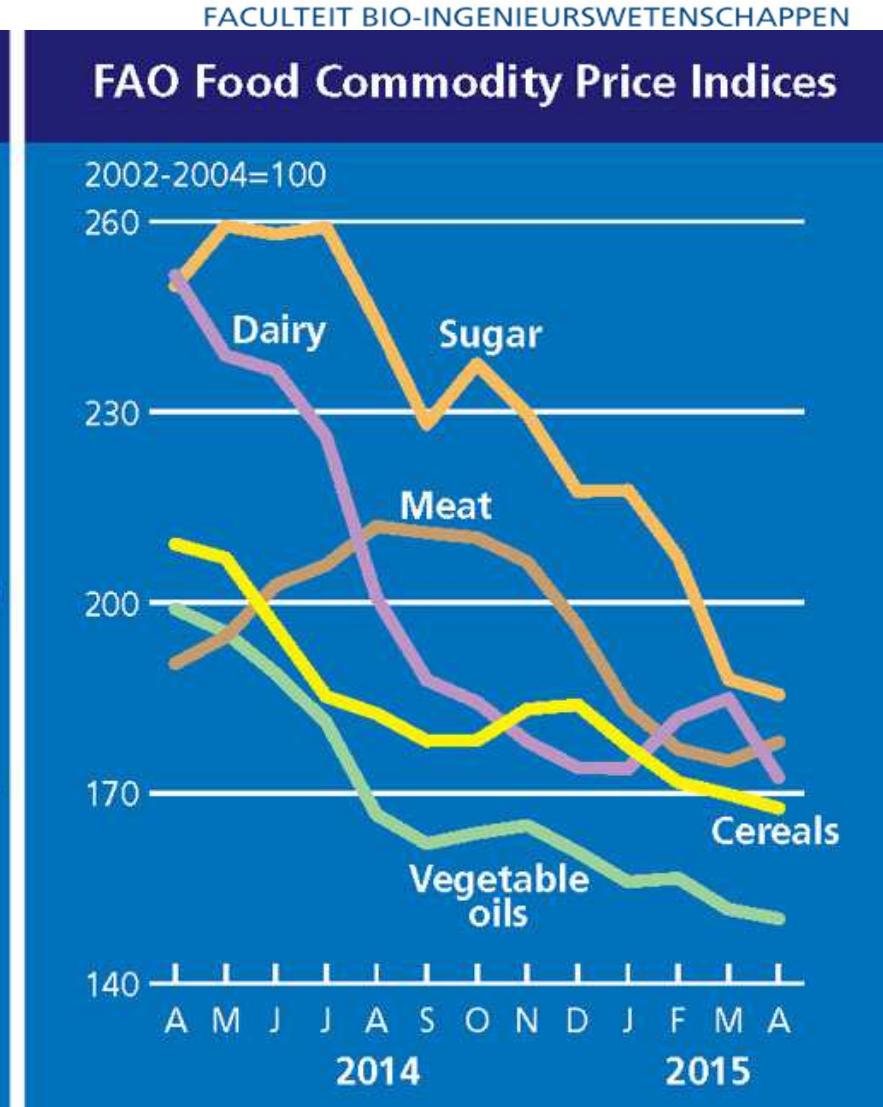




INTERNATIONAL CONTEXT

- Growth of world population ↑ +50% by 2050
 - Economic growth
- } Food demand ↑ x2
-
- Competition ↑
 - Globalization
 - BRICS - countries -> MINT
 - Public spending
 - In whole EU ↓, CAP ↓
 - Support of markets and prices ↓
 - Volatility ↑

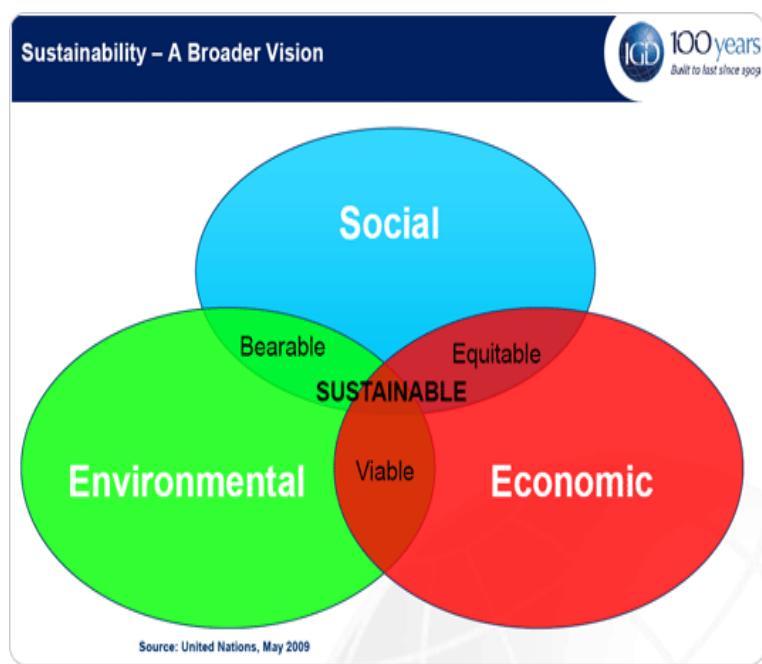






SUSTAINABILITY

Sustainability is a *Hotspot* on the political & commercial agenda, at all chain levels ...



Meat industry

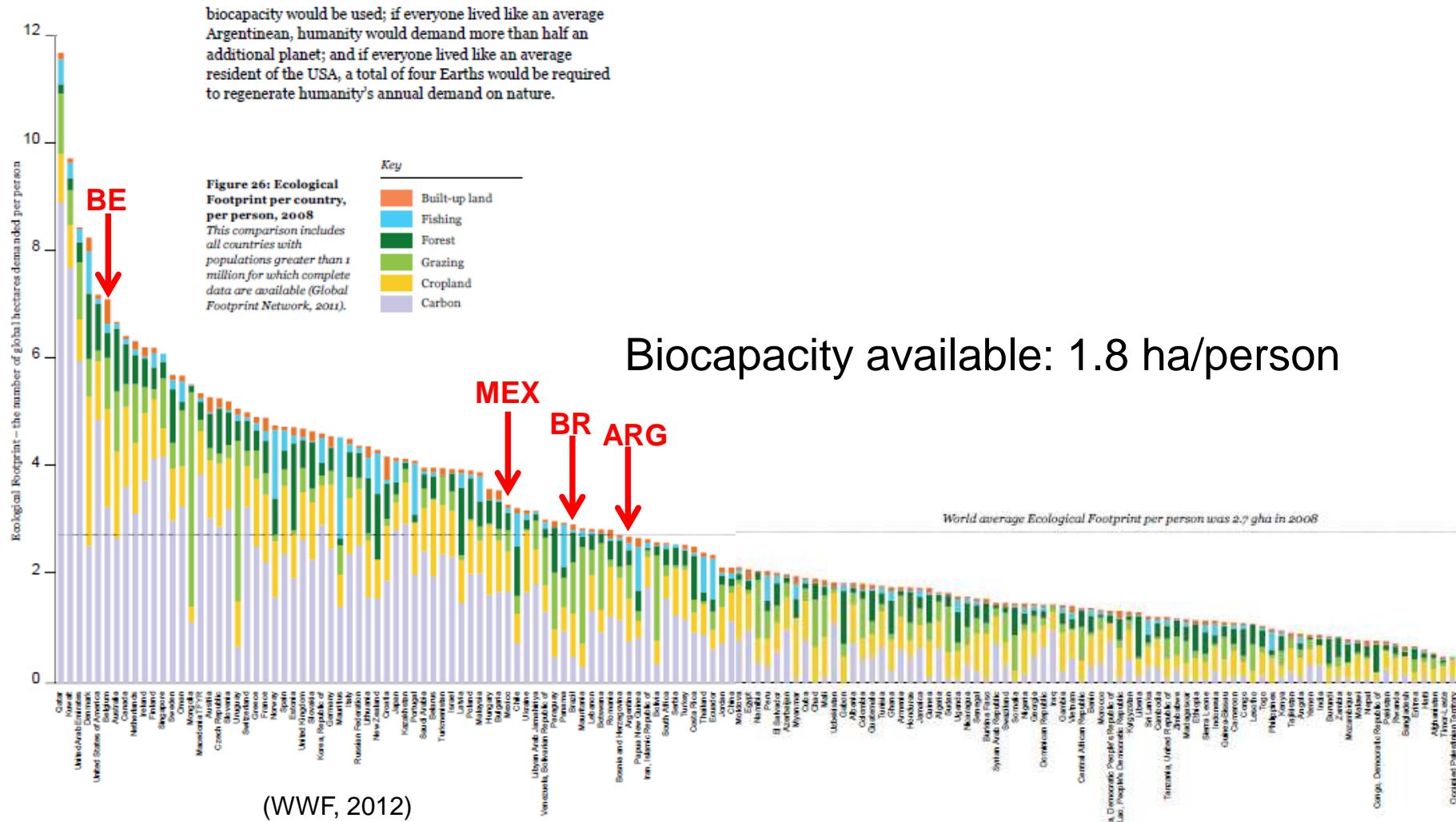


- Carbon footprint (GHG)
- Environmental responsibility
- Animal welfare

• Total ecological footprint

- Worldwide: 2.7 ha/pers
- EU : 4.72 ha/pers

Belgium: 7.11 ha/person
Brazil: 2.8 ha/person





INTERNATIONAL TRADE

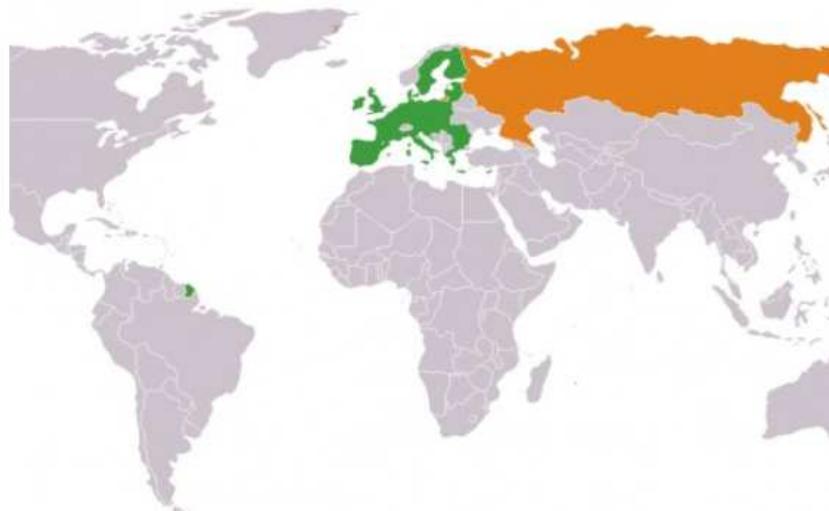
TRADE - 9 JUNE 2015

TTIP : WHAT IS AT STAKE FOR EU AGRICULTURE ?

Europa is dol op Rusland - als handelspartner

25-09-2014 Door: Winny de Jong Bron: OneWorld

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Het Trans Pacific Partnership, een handelsakkoord tussen verschillende Aziatische landen, Canada en de Verenigde Staten, vormt een enorme bedreiging voor de positie van de Europese Unie op de mondiale varkensvleesmarkt. Dat is de overtuiging van het Deense Landbouwministerie, schrijft Boerenbusiness. De Denen, die enorme exportbelangen te verdedigen hebben, zijn dan ook vragende partij om op Europees niveau snel afspraken te maken met Japan, 's werelds grootste importeur van varkensvlees.

Consumer food Trends

Regionality



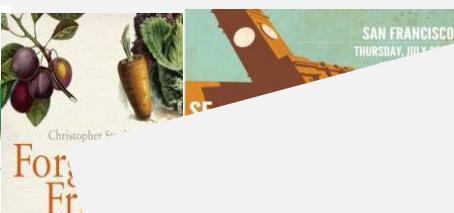
Local farmers

Local food

Simplicity



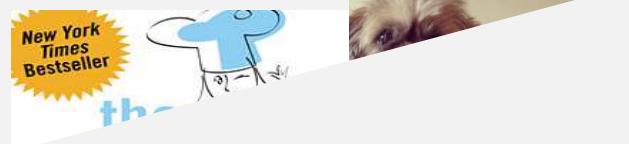
Cocooning



For
Fr



Personalization



sustainability



taste



Health
(safety, medical, functional)



Cocooning



Given the important challenges

- **How will technology help?**
- **What business model might fit?**
- **How and where to meet the future meat consumer?**
- **Can productivity still increase?**
- **How can policy facilitate our business?**
- ...



THANK YOU FOR YOUR ATTENTION

