

# Introduction

Pig meat is produced and consumed throughout the EU

• Considerable variations between and within member states • Pig farming is a changing sector



# Overview of pig production in the European Union

### 1. Pig food chains

- Production, consumption, import-export
- Food chain organization (production, slaughter, distribution)

## 2. Pig farming systems

- Pig farming systems accross UE
- Building, work, feed, sows and pigs managment
- Costs in pig production
- Example of alternative systems



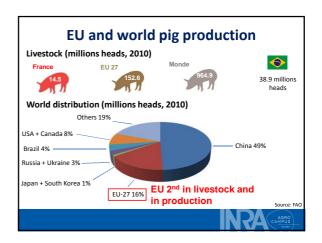
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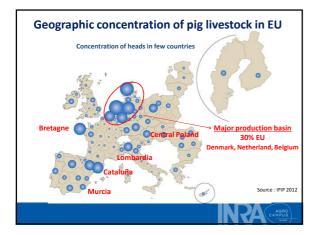
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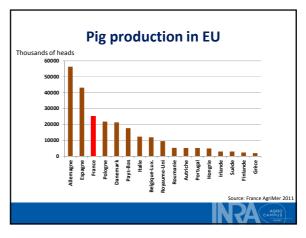
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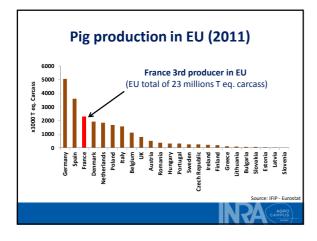
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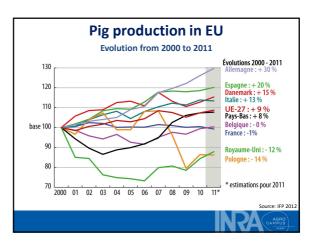
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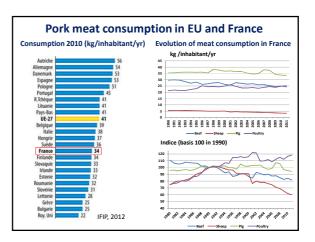


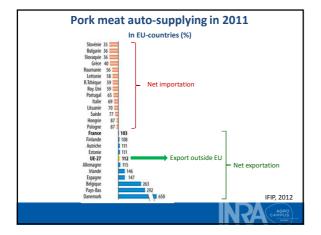


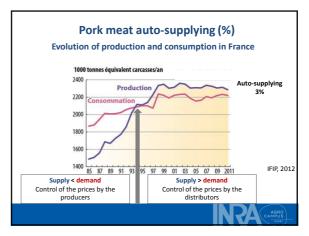


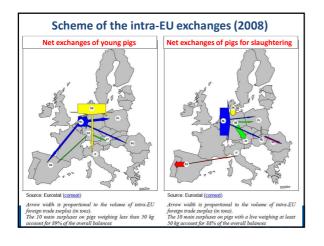


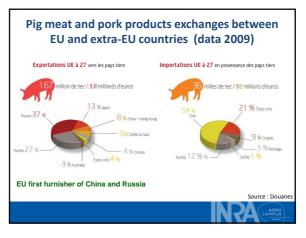














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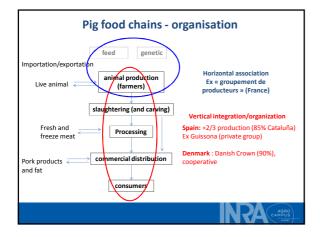
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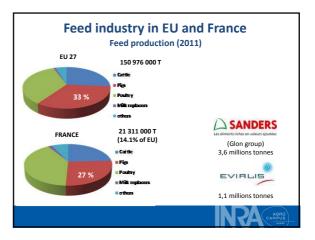
Production, consumption, import-export

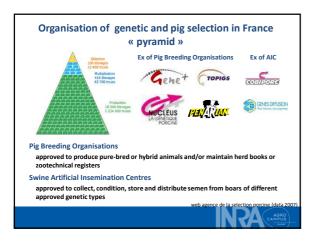
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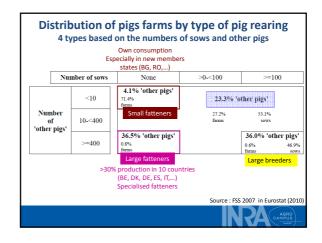
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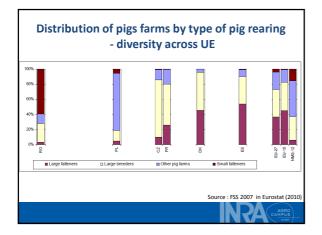
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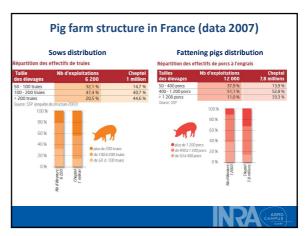


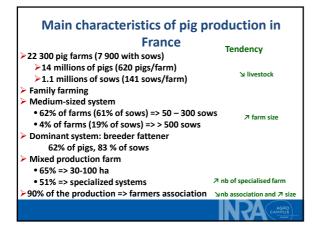


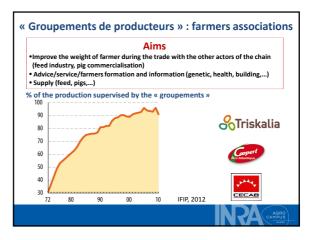




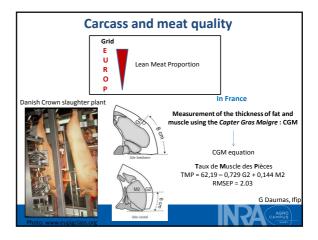




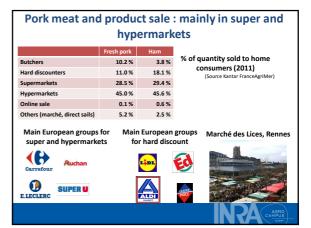


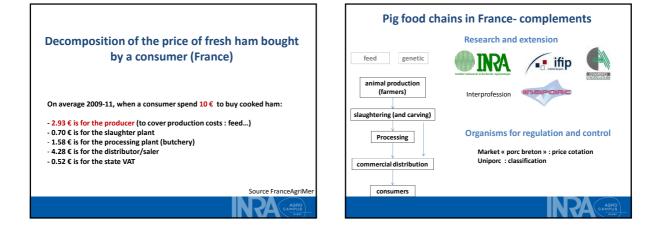


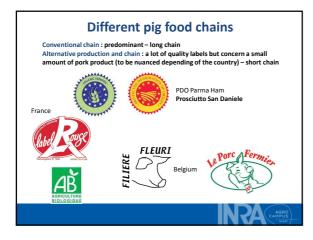


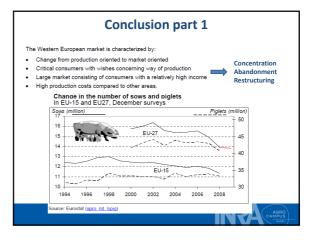


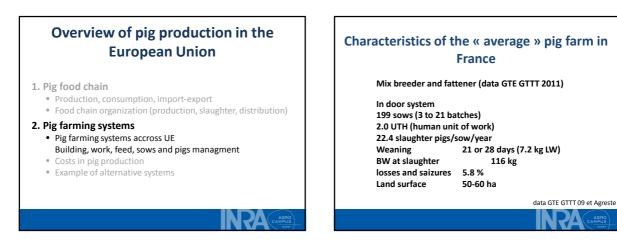




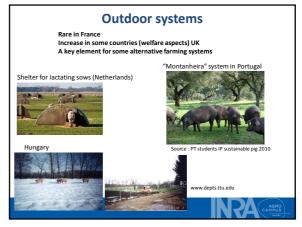


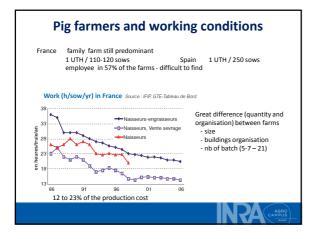


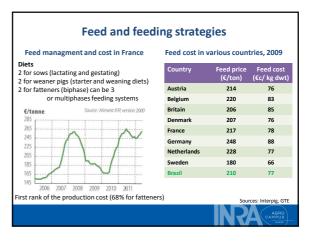




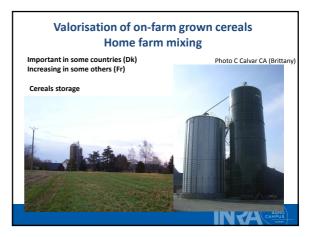






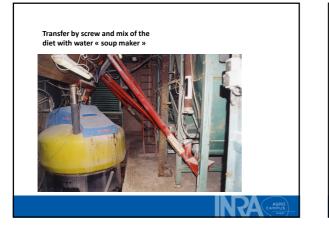


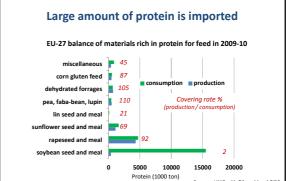
Mean composition (%) of composite french pig diets		
Component	Grower diet	Finisher diet
Cereals (maize, wheat,)	70	74
Cereals co-products	6	8
Soybean meal	0.2	0.4
Rapeseed, sunflower meals	16	10
Pea	2	3
Molasse	1.5	1.5
Vegetal fat and oil	1	1
Oilseeds	0	0
Minerals and vitamins (amino-acids, salt, Phytase, Phosphate,)	3	3
	Mean of 2012	data ; Source : IFIP



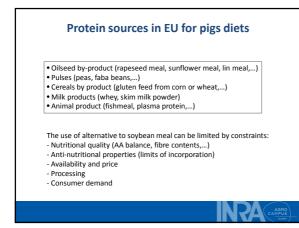






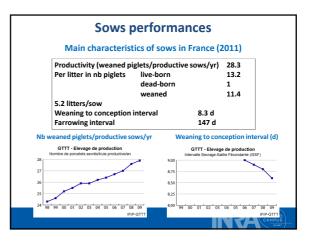


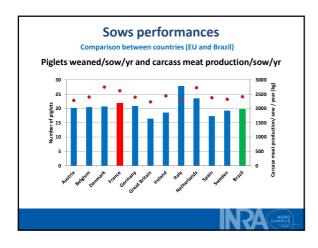
Sources: UNIP with Oil world and CIDE

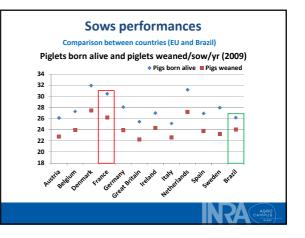


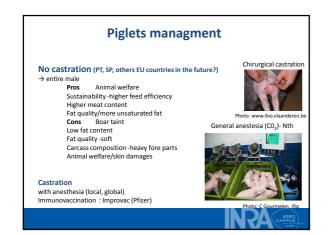












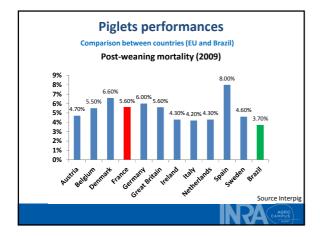


#### Weaning age 21 or 28 days

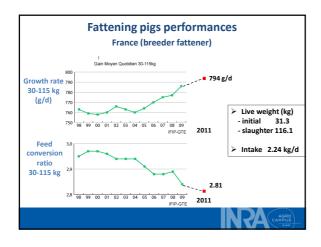
- No growth factors antibiotics (in feed)
- since 2000 (90<sup>th</sup> Sweden) • Alternative substances to antibiotics feed additive
- Alternative substances to antibiotics feed addition or medicamentous feed
   A need : the decrease of the use of antibiotic in
- farm (problem of bacterial resistance )

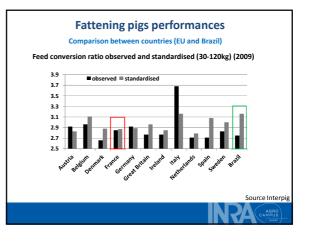
≻Importance of dietary factor (protein level) ≻Importance of environment (T°, hygiene)

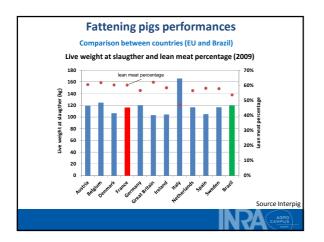












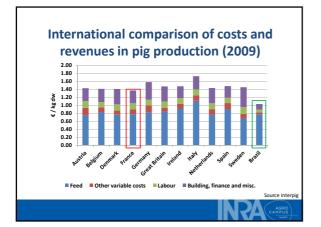


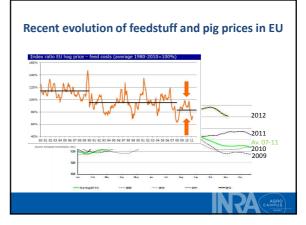
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## Organic farming in the EU-1

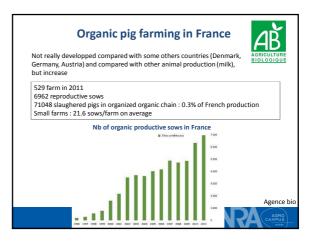
#### European regulation (N°834/2007), application on 1<sup>st</sup> January 2009

#### Objectives

- Establish a sustainable management system for agriculture that:
   – Respects nature systems and cycles
- Contributes to the biological diversity
- Makes responsible use of energy and natural resources
   Respects animal welfare and species-specific needs
   Producing products of high quality
- Producing products or ingin quanty
   Producing a high variety of foods and other products by the way of processes that do not harm the environment, human health, plant health or animal health and welfare

- Overall principles Appropriate design and management of biological processes · Restriction of external inputs
- Strict limitation of chemically synthesised inputs
   GMOs and products produced from or by GMOs shall not be used







## "Montanheira" system in Portugal

- Extensive systems
- "Alentejano" race pigs
  Weaning 8 weeks weighting 12 kg
  Fattening (September/February Montanheira)
- Natural Resources (acorn and pasture) + Cereals
  Finishing weight = 130-160 kg (min weight = 90 kg)

• High quality product (PDO)



## **Conclusions – Strengths and** limitations of pig production in EU

Limitations/weakness

•Few alternative systems (consumer concern) •Competition between UE countries

High production costs (competitiveness)
Food chain organization in some countries (France) •Environmental problems in the main

#### Strengths

- Economic development in productive basin (agriculture, industry)
   Interaction with the territory (land use,

Diversity of pork products
Food chain organisation in some countries (Dk)

- countries (Dk) Advising structure in some countries (ex IFIP-France) Taking into account environmental problems and responses (rules) to limit them

