

# 17. Characterisation of the pig systems panel for the production of environmental data in the program Agri-BALYSE

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The program Agri-BALYSE is a French initiative which aims to develop a public LCI-database of French agricultural products by the end of 2012. This database has two goals: (1) it will provide data to set up environmental labeling for consumers; (2) it will also include environmental assessments of different contrasting production systems which will be more useful for the R&D and the identification of action levers.

Pig production/breeding is one of the agricultural products which is covered by the Agri-BALYSE-database. Given the fact that there exists wide variety of pig production systems in France, it has been necessary to choose the best panel of pig production/breeding systems in order to answer to the different objectives of the project. Actual representativeness of production systems was an important selection criteria but not the only one. Emphasis was given also to future representativeness as well as social desirability and agricultural practices. Three systems were defined to provide data for the environmental labeling: a national average standard production system, an organic production system as well as a pig system “fermier label rouge”. Four other systems have been selected to analyse the incidence of specialisation levels and feed strategies which are considered to be the most important action drivers.

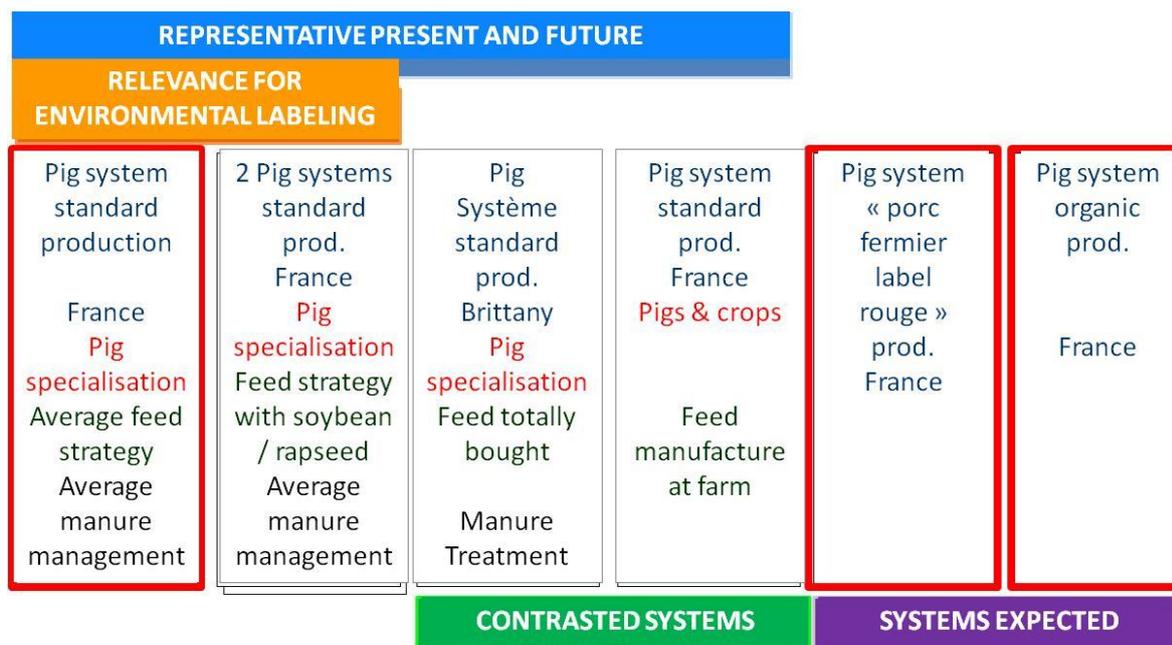
The chosen systems are qualified concerning their adaptability to the different uses by giving their actual and future representativeness, analyzing if the main levers of action are considered, considering system which are wanted by society. The final definition of the production system has also to consider if data and information are available and to see if it is (or will be) possible to trace system characteristics to the kilogram of pig.

## References

IFIP, 2005-2009. Porc performances.

IFIP, 2009. Bâtiments d'élevage porcin et environnement: Analyse de l'enquête de novembre 2008 réalisée par le SCEES. France AgriMer, 272 p.

ITP, 2005. Compositions des effluents porcins et de leurs co-produits de traitement - Quantités produites, 68 p.



Pigs products proposed for the information to the consumers

Figure 1. Pig systems for Agri-BALYSE