Mid-term Seminar

Sustainability of pig production through improved feed efficiency (SusPig)

Partners INIA & ITACYL, **ES**; SLU, **SE**, UNEW, **UK**; NMBU, **NO**; INRA & IFIP, **FR**; ISU, **USA**; UNE, **AU**

Problem(s) addressed in the project

Pigs are required to perform in suboptimal climates and feed on local feed resources and feedstuff co-products

Objectives

- Evaluate if improved feed efficiency can be sustained with climate change and with more reliance on local feed resources and feedstuff co-products
- Evaluate environmental, social and economic impacts of this strategy

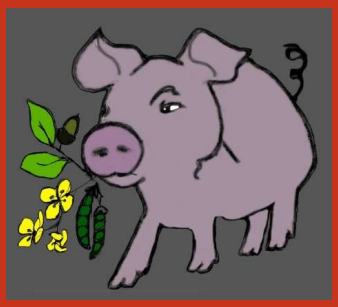
Interim research findings

High production reduced resilience to heat stress. Potential for high feed efficiency is not fully realized when pigs are fed suboptimal diets. Lean tissue growth and maintenance have the highest effect on environmental impacts. Improved feed efficiency is an advantage for all environmental LCA criteria

Future research and activities

Design new pig production systems with regard to environmental and social aspects and their tradeoffs.

PIGS



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