



ORIGAMI

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## Organic pig farming: a contributor to the development of organic agriculture?

### Coordination

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Whereas the demand for organic products is increasing, the development of organic pig production in Europe is slow compared to other animal and plant sectors.

This project explores the hypothesis according to which pig farming could contribute to the development of organic agriculture by bolstering the optimization of processes and closing cycles at different levels of organization, from the animal to the territory. For example, the pig, in its capacity as an omnivore, is capable of recycling co-products that could not be recycled otherwise, and the fertilizing potential of its waste is of interest for soil and crop production.

The obstacles to the development of organic pig farming have been well identified. On the other hand, the links between the different levels of organization require further study.



## **Participating INRAE units**

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**AGIR**, Toulouse

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## **Partners**

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ORIGAMI brings together all of INRAE's teams involved in the different aspects of pig farming - the animal, farming systems, sectors and territories - and that hope to contribute to interdisciplinary and multi-scale approaches. It encompasses expertise in zootechnics, agronomy, agroecology, animal nutrition, veterinary medicine, epidemiology, animal genetics, farm system modeling, environmental and multicriteria assessment, product quality, ecosystem services, sociology and sector economics.

The consortium aims at identifying the 'multi-level' brakes and levers linked to the development of organic pig farming that limit process optimization and the closing of cycles at each level. This will make it possible to draw up position papers and to develop multidisciplinary research projects on priority issues.

**METABIO**



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