



Introduction to the IMPRO-project

Seminar

“Animal health in organic dairy farming in Poland“

15th of March 2016,
Radom



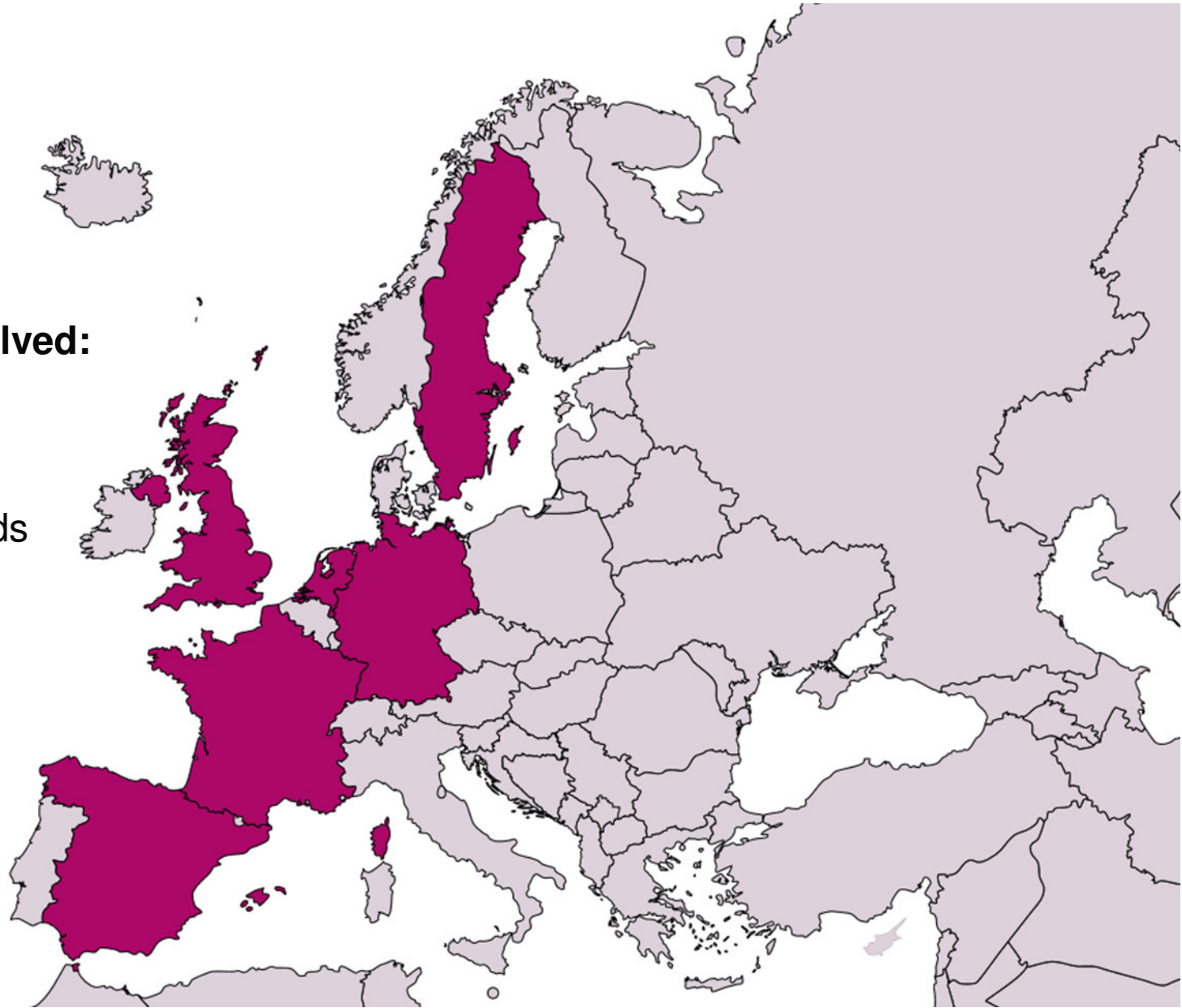


IMPRO

Impact **m**atrix analysis
and cost-benefit calculations
to improve management **p**ractices
regarding health status
in **o**rganic dairy farming

Countries involved:

- England
- France
- Germany
- The Netherlands
- Spain
- Sweden



Consortium of 7 partners in 6 countries



U N I K A S S E L
V E R S I T Ä T



Oniris
Nantes-Atlantic
National College
of Veterinary Medicine, Food Science and Engineering



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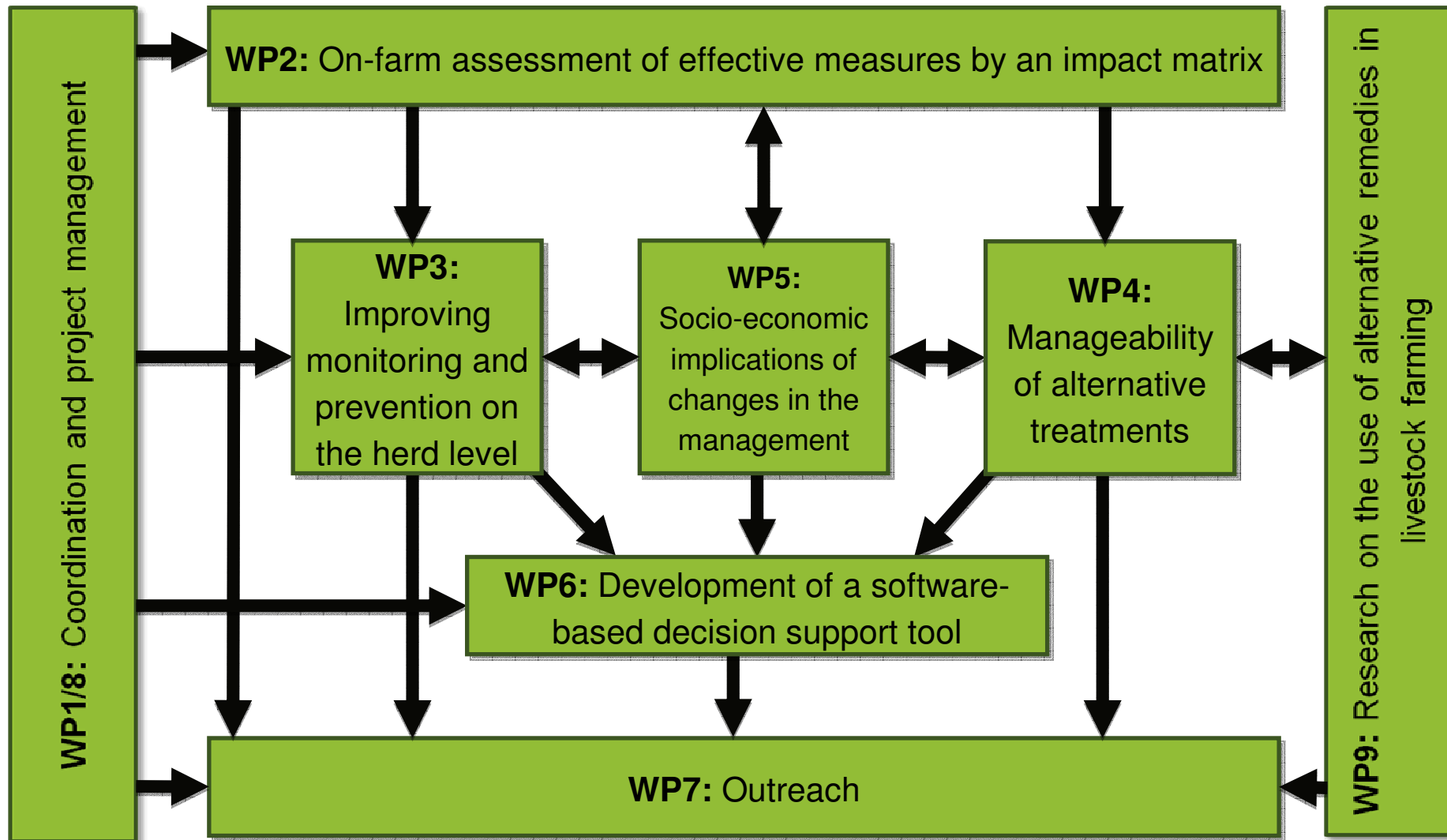


University of
Reading

IMPRO topics

- Assessment of animal health / production diseases
- Farm centric participatory approach
- Improvement of monitoring and prevention
- Homeopathy and Phytotherapy
- Tool for cost-benefit calculations
- Motivations and attitudes: farmers, advisors and veterinarians

Cross-linkage of IMPRO workpackages



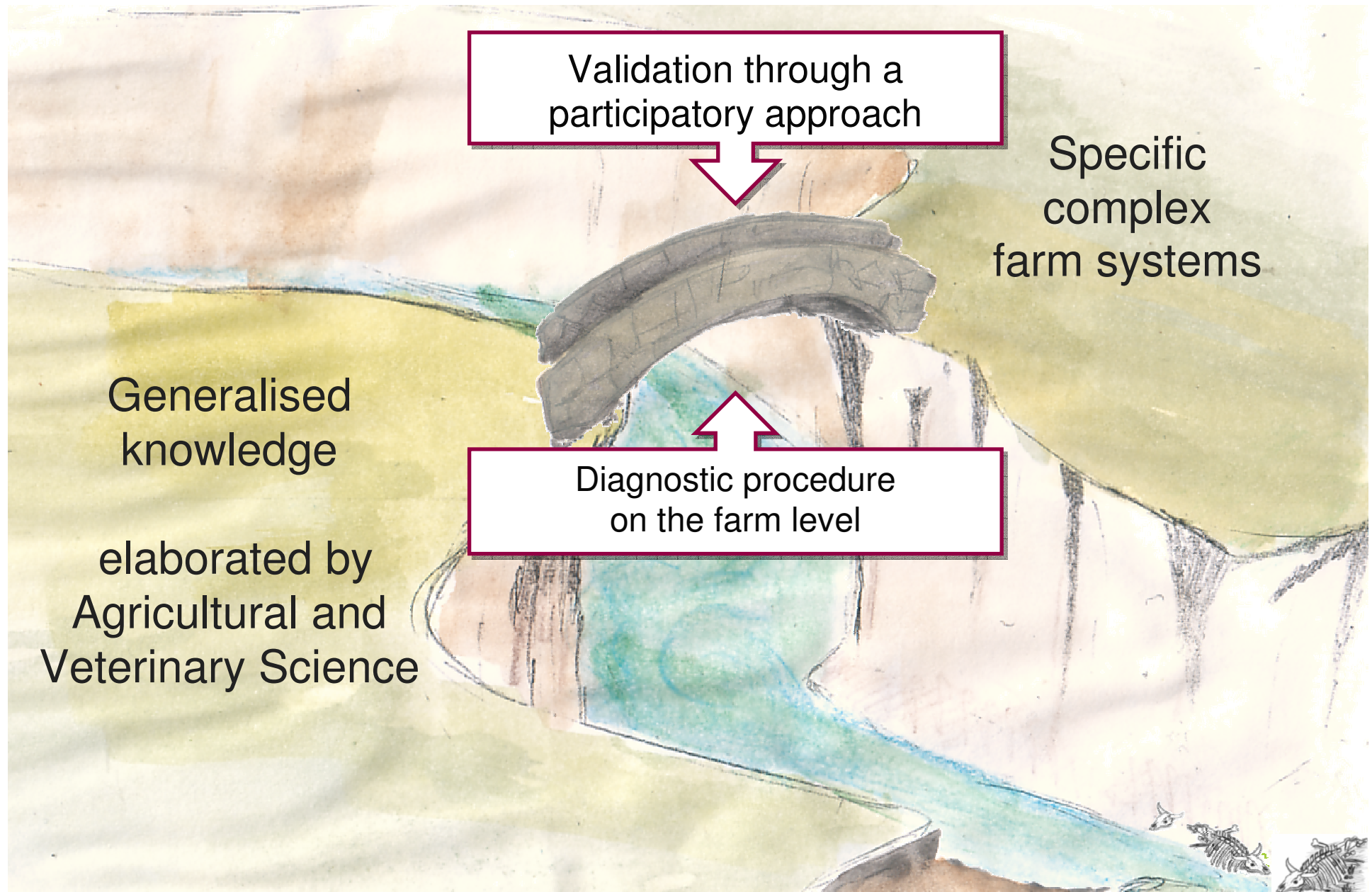
Starting point

- Organic movement as pioneer for consumer demands.
- Animal health and welfare are increasingly important with respect to the buying decisions for organic products.
- Production diseases (e.g. mastitis, metabolic and fertility disorders and lameness) are the main cause of health problems in organic and conventional dairy herds.
- Animal health is more affected by the farm management than the production system (e.g. improved minimum standards in housing conditions in organic farming).

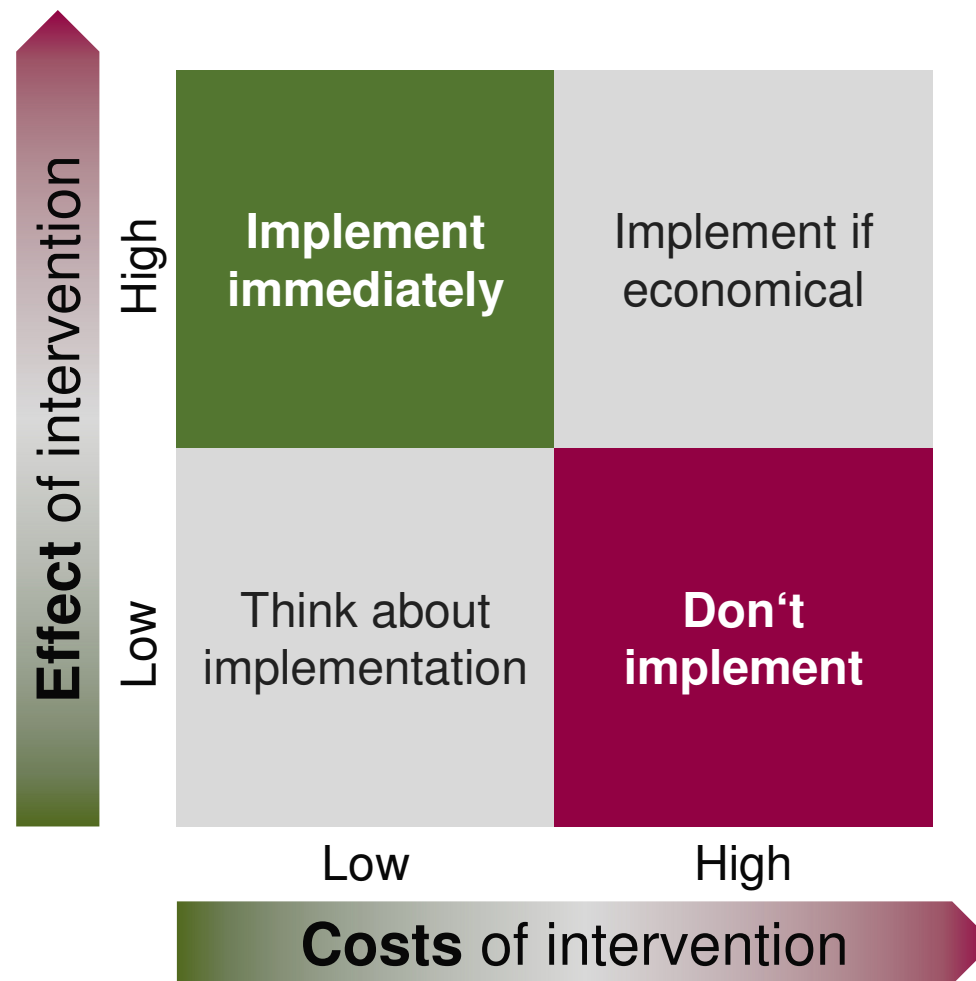
Standard orientation does not consider:

- Limitations in the availability of relevant resources (nutrients, labour time, etc.);
- Interactions and conflicting areas between different factors and goals within subsystems;
- That animal health is the outcome of the processes within the whole farm system;
- Strategic targets and monitoring of relevant outputs of the farm system;
- The variation in living conditions and the complexity of processes on the farm level.

Bridging the gap



Precondition for implementation of expertise into practice is knowledge about effectiveness and costs of measures in the farm specific situation



take home message

- Minimum standards in organic livestock production are not as effective for animal health as is generally assumed
→ Additionally, a target oriented approach is needed!
- Reasons for production diseases are different in each farm
→ The whole farm system has to be taken into account as a complex system!
- An *equifinal* approach is recommended to reduce production diseases
→ IMPRO-project provides supportive tools for dairy famers!

