

Data-driven control and prioritisation of non-EU-regulated contagious animal diseases

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DECIDE

19 partners

11 countries

10 million euro

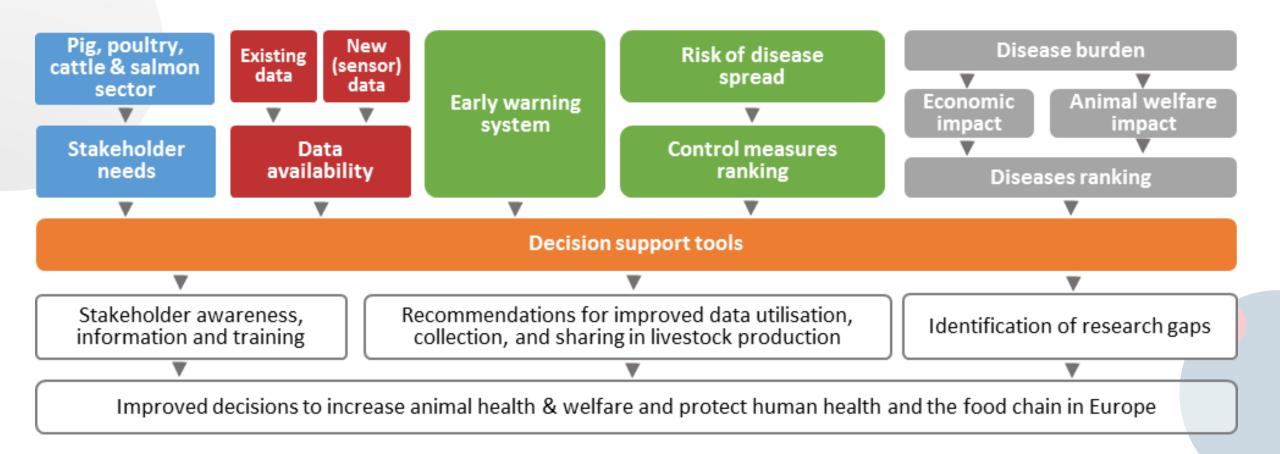
5 year

Started 1. July 2021











Pilot studies

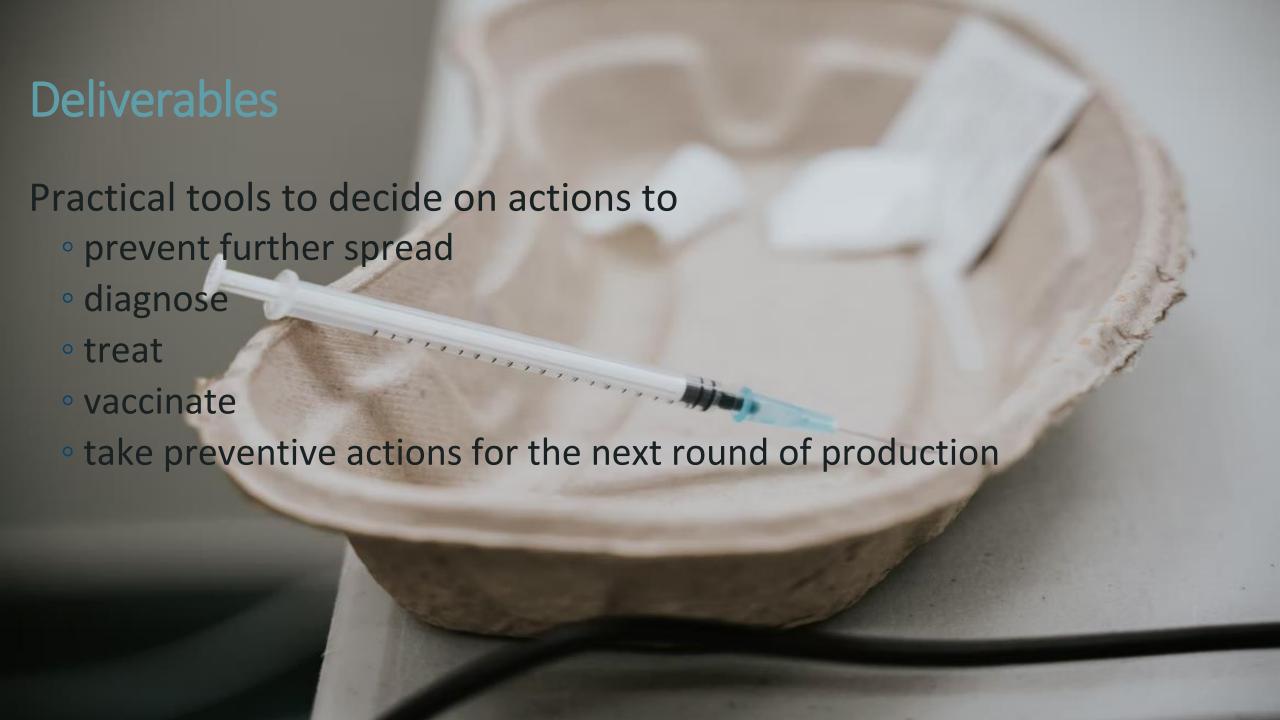
	Respiratory infections	Reduced growth	Mortality
Calves			
Piglets			
Broilers	4		
Salmon			



Non-EU regulated diseases that...

- 1. may spread within and between herds, flocks or fish farms
- 2. have the highest impact on animal health, animal welfare and the sustainability of the production
- 3. lead directly or indirectly to antimicrobial usage
- 4. negatively influence the quality and quantity of animal products, impacting the efficiency of the value chain.



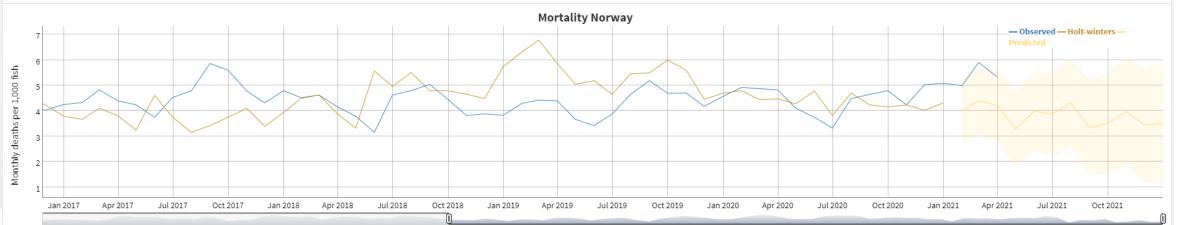


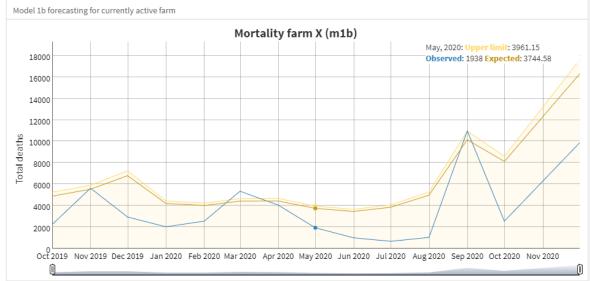
Tools –examples:

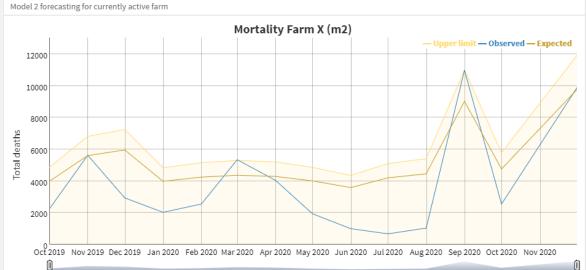
- Dashboard
- Early warning system
- Purchase assistant –live animals
- Intervention ranker















Stakeholder needs

Why, how and when stakeholders decide to take action (the drivers) and why they do not (barriers)

Social scientists >< Epidemiologists

Integrating stakeholders in project



Data

Access

GDPR, FAIR ++

Ontologies

Data streams

Health, sensors, population, contacts, meteorology etc.

Sharing /federated access / federated learning

Multidimensional burden of animal diseases

Production losses

Control costs

Welfare

Medicine use





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