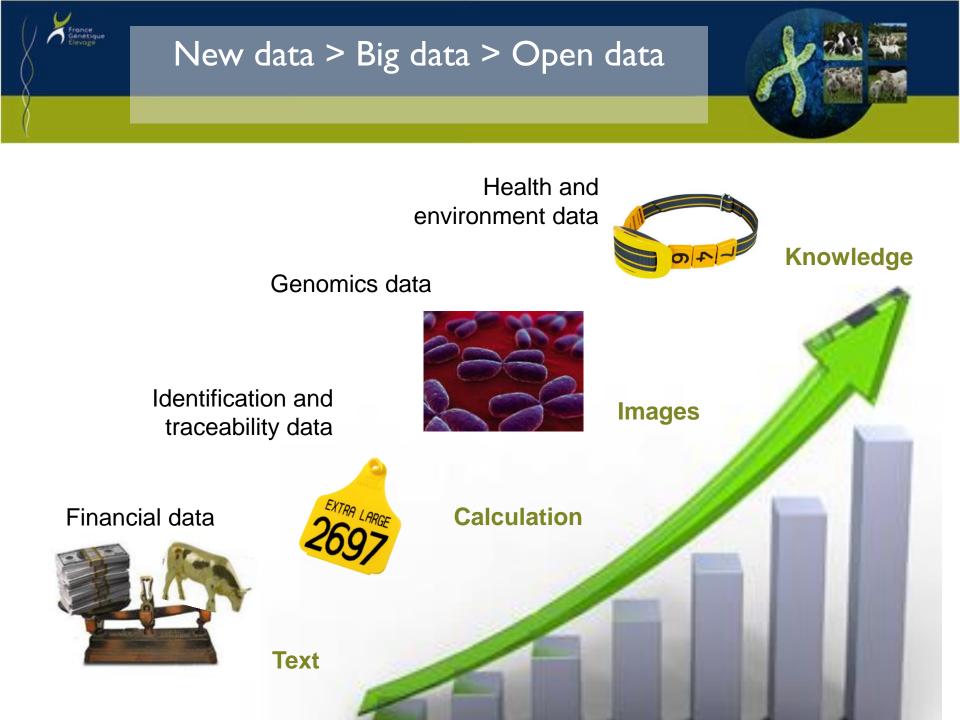




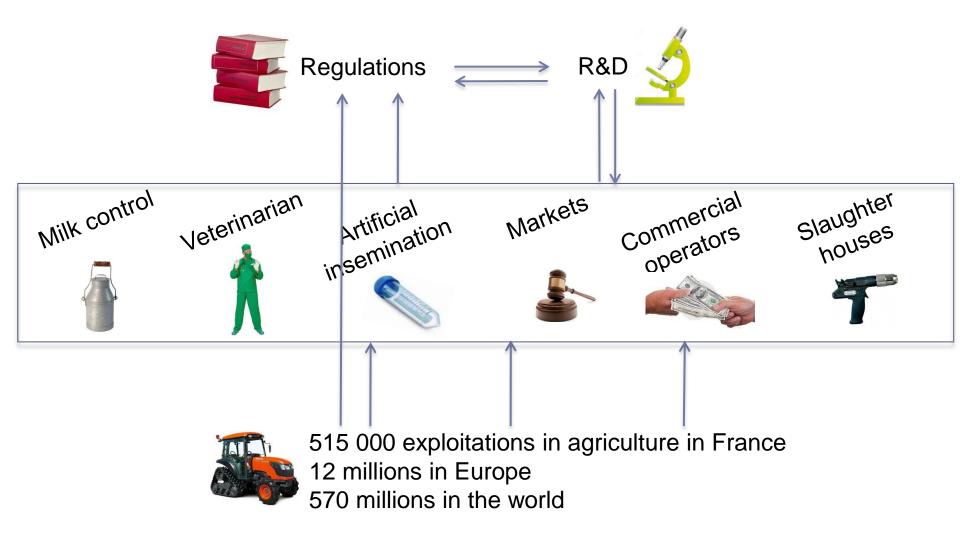
Impacts and issues of Big data and Open data in livestock management

Mariane CIMINO – France Génétique Elevage

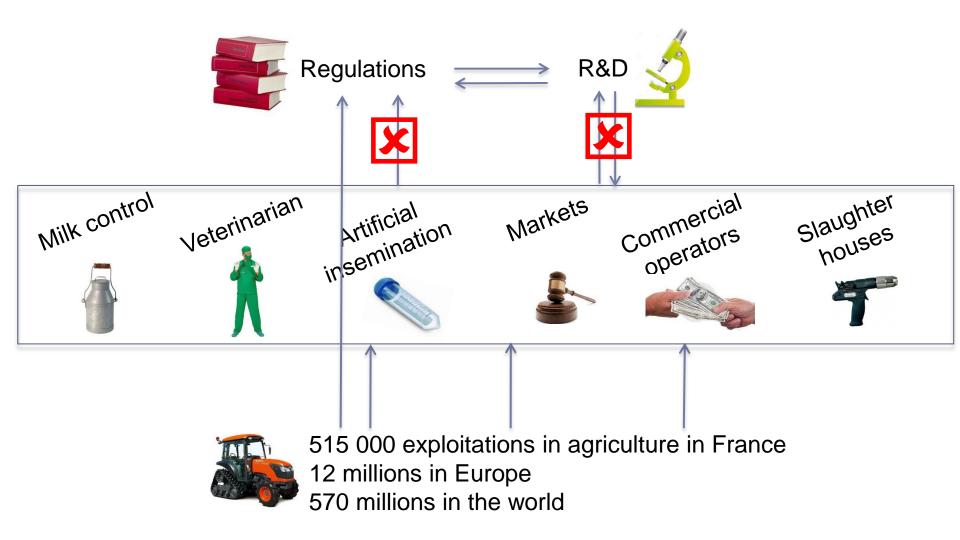


The exchanges of information by the past

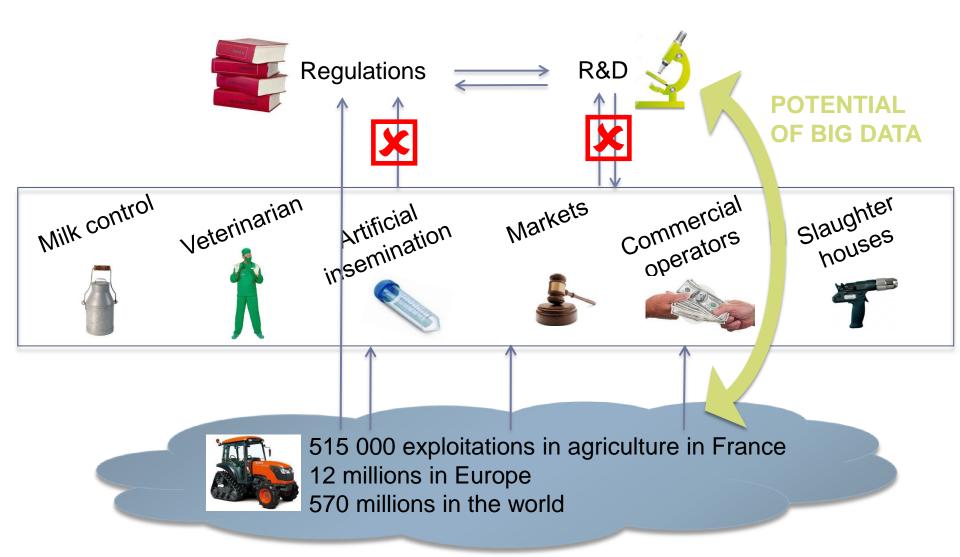




The exchanges of information nowadays



The exchanges of information nowadays



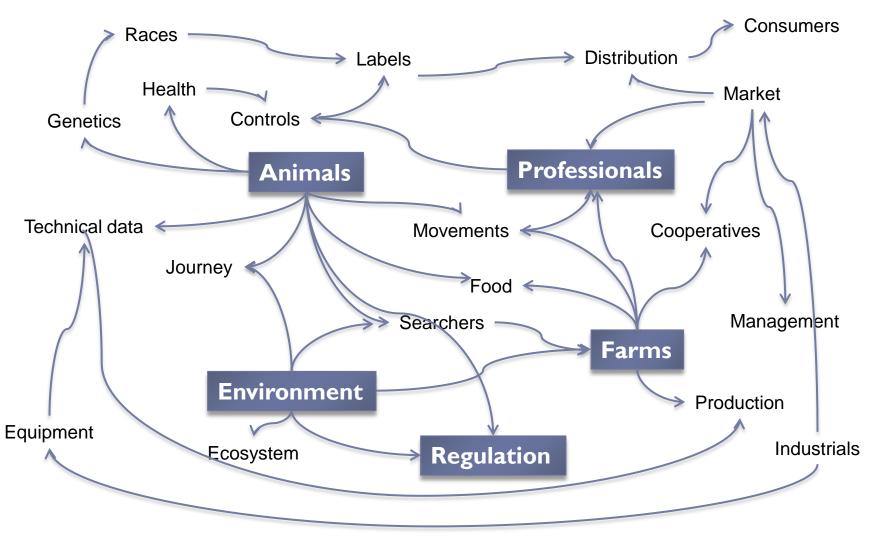


- Uncompleted value chain
 - Data on live animals
 - No data on the downstream distribution cycle: meet, milk...
- Few experts and searchers in data analysis
- No link between structured historical data and new data (web, open data...)

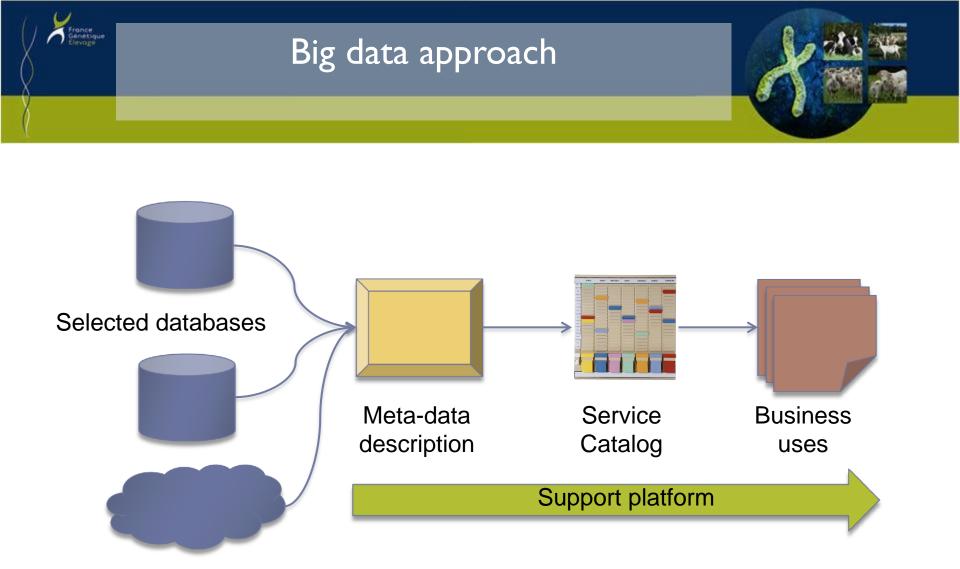


- Notarization In/Out animal flows (traceability)
- History of the animal
- Predictions of production on the basis of economic data
- Analysis of the mortality of young calves
- Increased traceability for labels, to locate herds
- Uses of epidemiology and pharmaco-vigilance data
- Control of health costs
- Control of environmental impacts
- Support for local agricultural policies
- Choice of breeds best suited to a breeding operation...





Source: Gilbert Grenié, PwC | Consulting



Unstructured data

Source: Gilbert Grenié, PwC | Consulting