

Data sources from a veterinary perspective

Dashboards – for ease of data interpretation

- **Breeding Herds**
 - Farrowing index; BA/BD; Kg/farrowing place; preweaning mortality; weaning age; heat detection; treatments
 - Noise; temperature (room/creep/arc); wind; rain
 - Water; feed

Data sources from a veterinary perspective

- **Finishing Herds**
 - **CoP**
 - **FCR; DLWG**
 - **Temperature; CO₂; NH₄; dust**
 - **Water; feed outage time; energy use; Kg/finishing place (or m²)**

Data sources from a veterinary perspective

For the future, and with the assumption of:-

- Individual pen feed intakes  FCR
- Individual pen growth rates  DLWG
- Individual pig tracking  slaughter data

Data sources from a veterinary perspective

Individual animal temperature measurements

- Pyrexia; early disease; early treatment; heats
- Huge amount of data & analysis; do we need to monitor them all?
- Current tech is subcutaneous



Data sources from a veterinary perspective

Automated behaviour/noise analysis

- Environmental discomfort/abnormalities; aggression/disease monitoring
- Potential for inaccuracies, dependent on 'training'
- Current tech is too blunt



Data sources from a veterinary perspective

Muck analysis & detection

- Early recognition of looseness/disease, along with intervention
- Siting of detection site difficult; very building dependent
- Current tech unknown

