

IOT IN THE MEAT TRIAL

Opportunities, challenges and user feedback

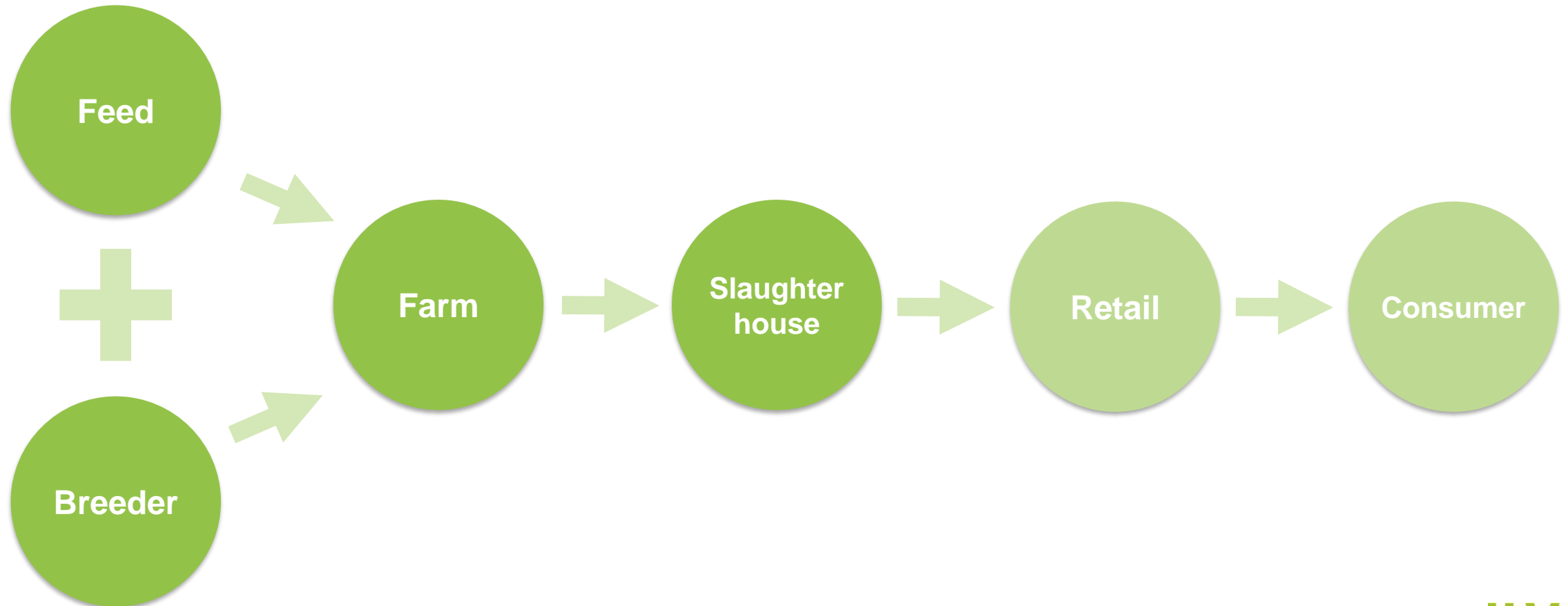
CHARI VANDENBUSSCHE

June 19th, 2019



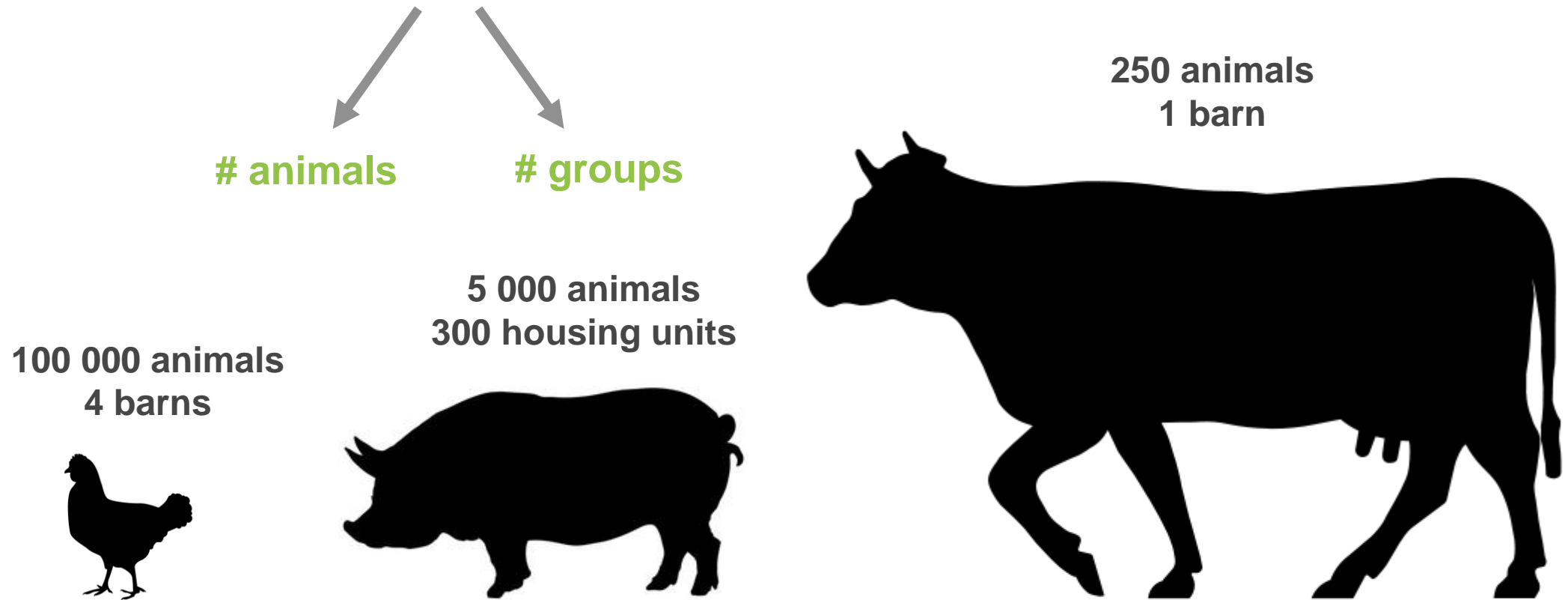
MEAT SECTOR: IOT OPPORTUNITIES

1) Traceability & connectivity throughout the value chain



MEAT SECTOR: IOT OPPORTUNITIES

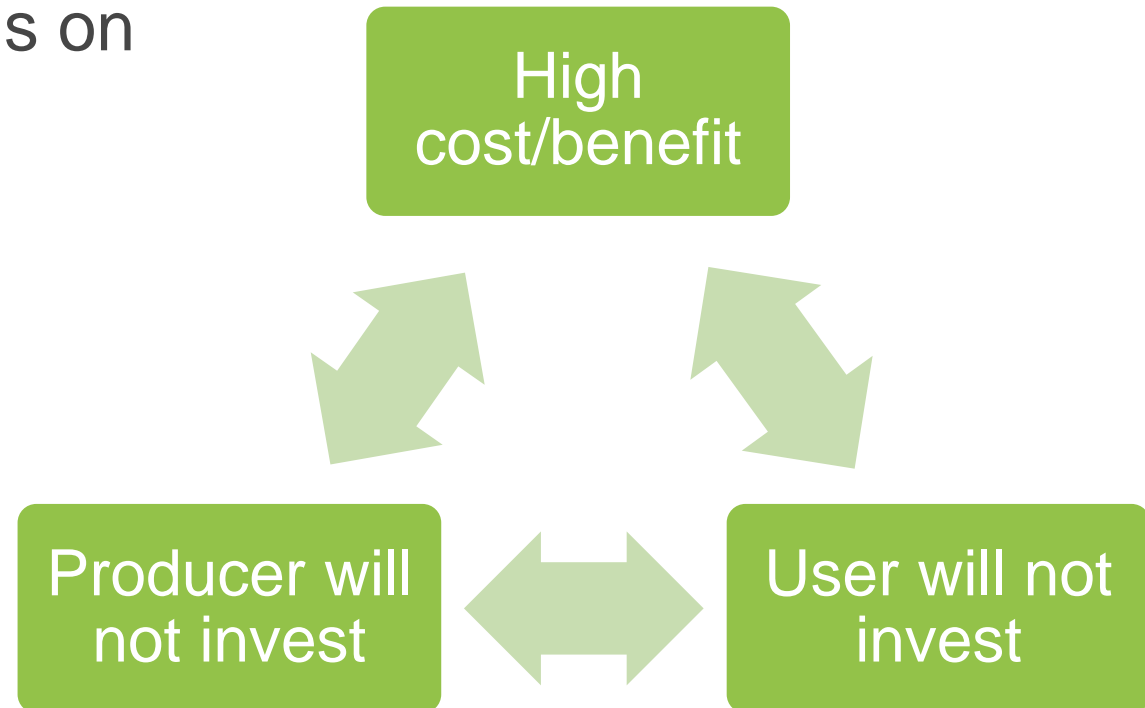
2) Maintain the **overview** on-farm



MEAT SECTOR: CHALLENGES

BUT: Need for decreased **cost/benefit** of IOT

- Investment in IOT depends on
 - Revenue per animal
 - Number of animals covered
 - **ADDED VALUE**



MEAT TRIAL: USE CASES

IOT on farm

Traceability + connectivity
of chain data



FEED SUPPLY
CHAIN
MANAGEMENT



POULTRY CHAIN
MANAGEMENT



MEAT
TRANSPARENCY
AND TRACEABILITY



INTEROPERABLE PIG
HEALTH TRACKING



PIG FARM
MANAGEMENT



DECISION-MAKING
OPTIMIZATION IN
BEEF SUPPLY CHAIN

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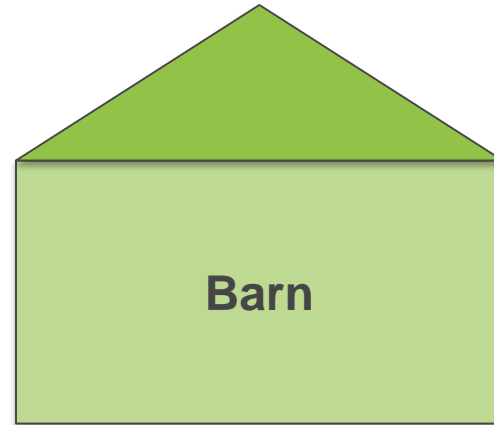
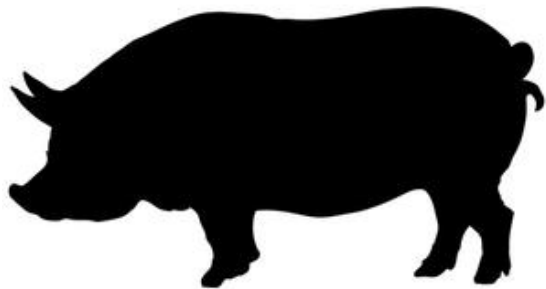
DECISION-MAKING
OPTIMIZATION IN
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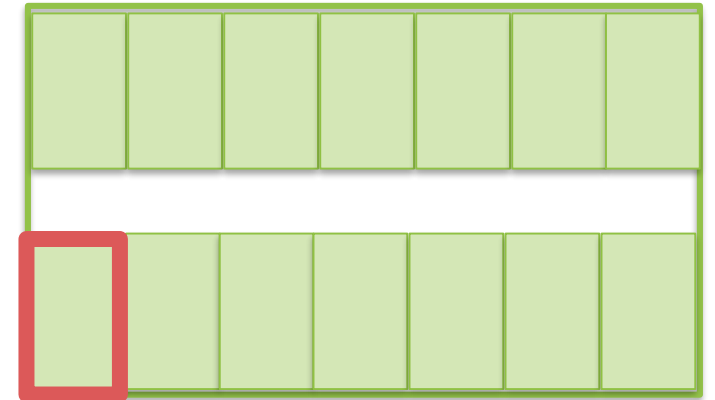
MEAT
TRANSPARENCY
AND TRACEABILITY

PIG FARM MANAGEMENT: ORGANIZATION

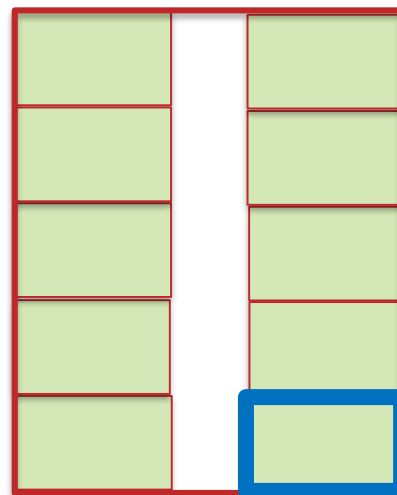
EXAMPLE
2100 animals
140 housing units



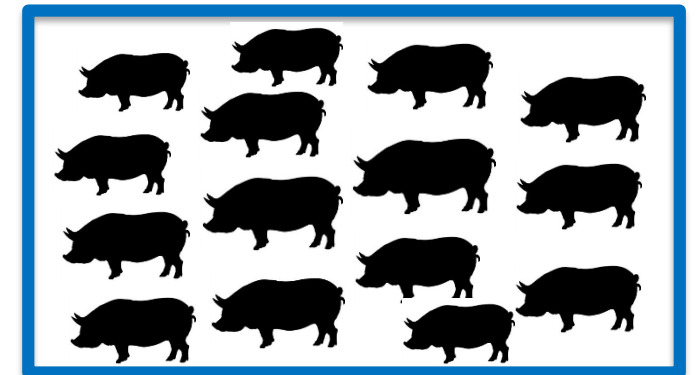
14 departments



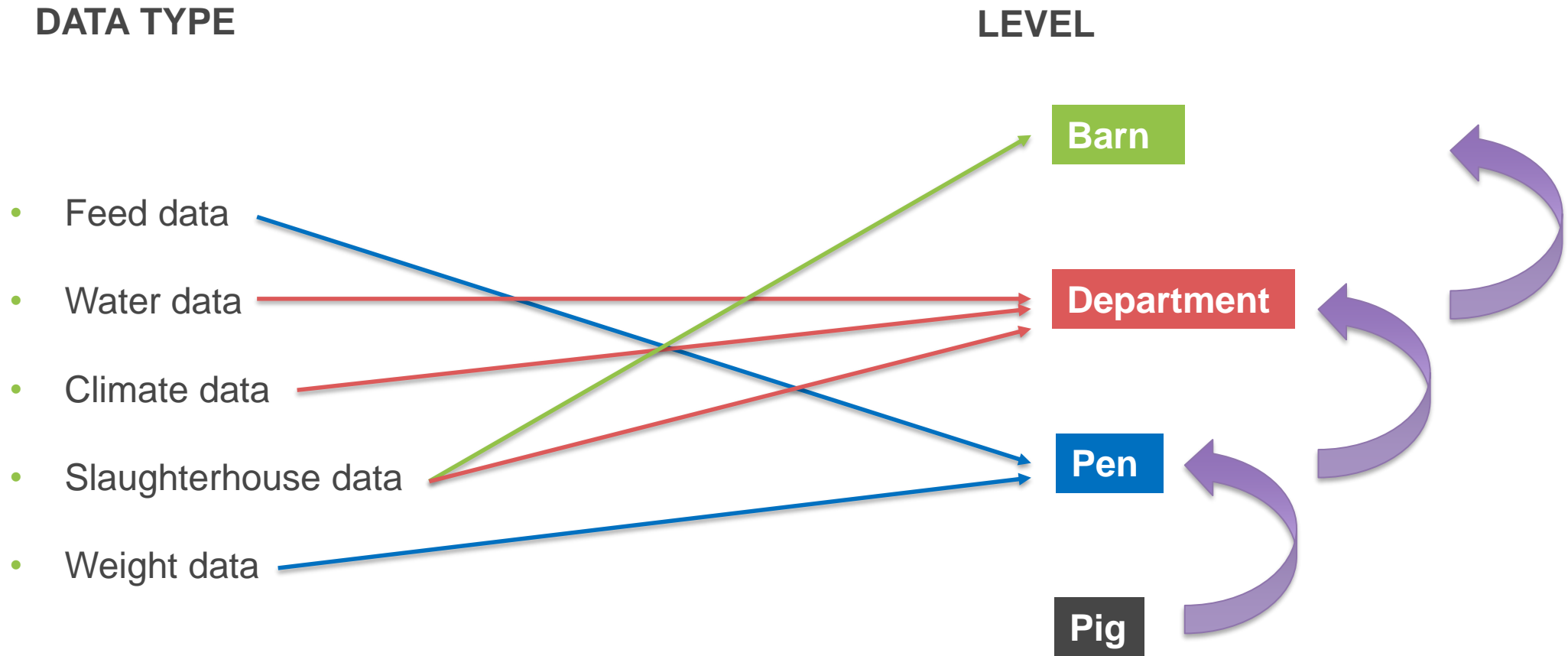
10 pens/department



15 pigs/pen



PIG FARM MANAGEMENT: DATA



PIG FARM MANAGEMENT: GOALS

- Dashboard with overview of farm and slaughter house data
 - Easy & clear overview
 - More dept if needed
- **User input**
 - Individual farm visits
 - Assessment of needs
 - Group meetings