



5/7

CURRENT TRL
& TARGET TRL

> 2.000

PIG RECORDS

TAINT

REDUCE BOAR TAIN

5

FARMS



COUNTRIES



PARTNERS

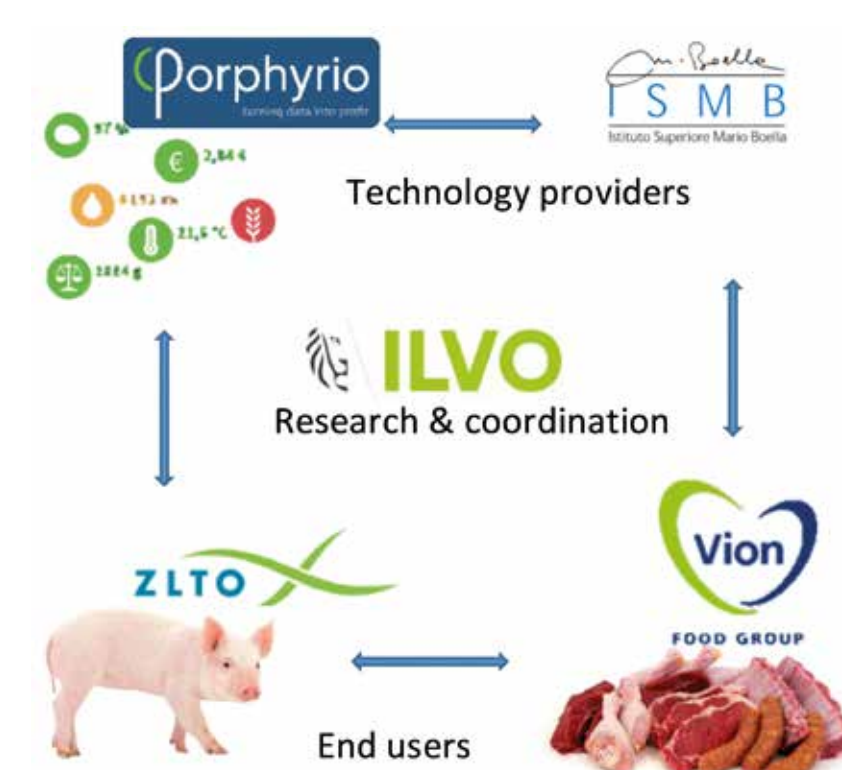


ILVO

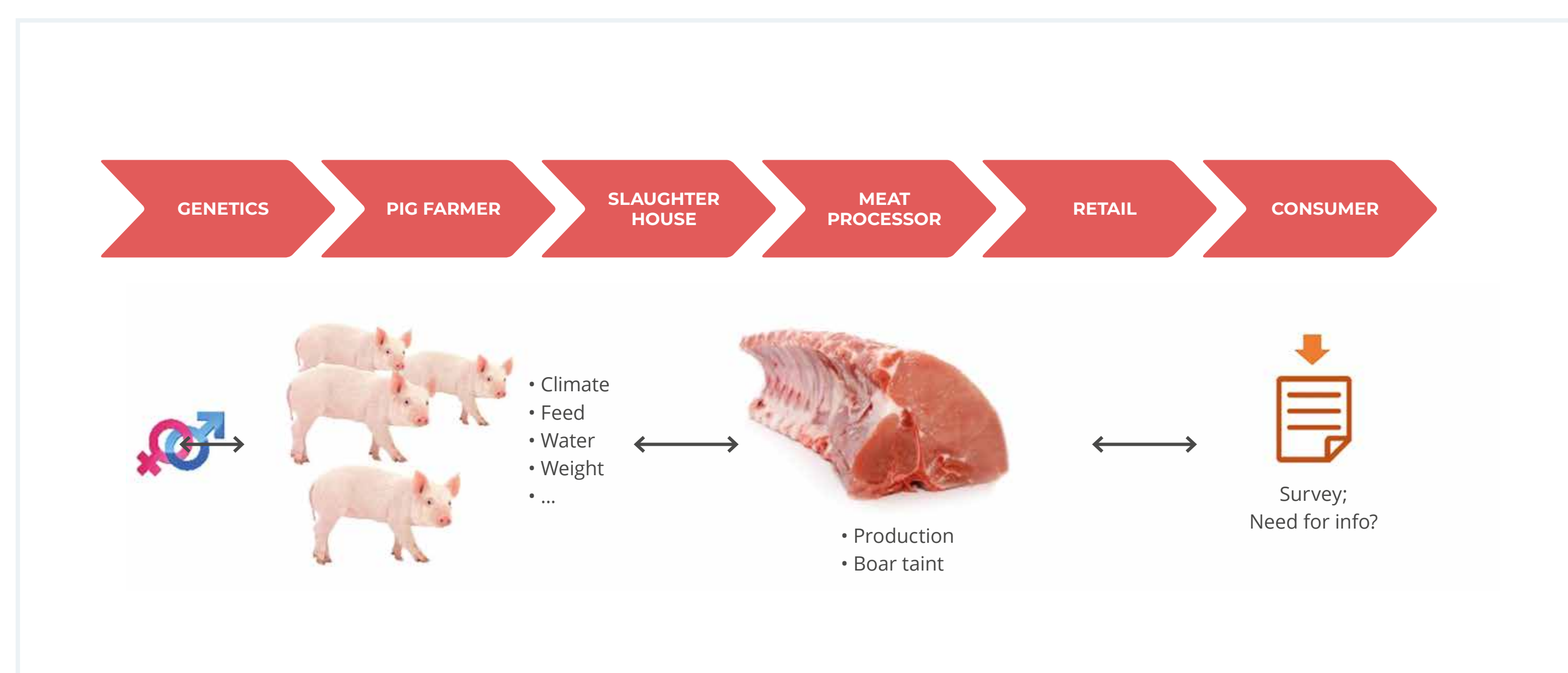


5.1 PIG FARM MANAGEMENT

The pig sector is facing challenges of high costs, difficult economic situation and increasing pressure concerning welfare and greenhouse gas emissions. This use-case will work on combining data across the value chain in order to provide the pig farmers with crucial information to effectively steer their management to reduce health problems and boar taint, increase productivity, etc. This information is currently lacking, fragmented or collected only post-hoc.



HOW IT WORKS



- Dashboard with analytics, early warnings and predictions based on on-farm sensors and chain level data,
- State-of-the-art sensors and warning systems for individual pig monitoring,
- IoT data platform and adaptors for several devices at the pilot sites,
- Compatibility with UC 5.3 Meat transparency and traceability.

THE IMPACT

OUR OBJECTIVES

- 5 farms (incl. 1 organic),
- heterogeneous data streams,
- over 2000 pig records,
- IoT data platform,
- early warning systems,
- boar taint presence reports,
- chain, group and individual level data.

ON ECONOMY

- Decrease health problems -10%,
- Reduce boar taint -20%,
- Increase average daily gain + 50g/day,
- Increased feed efficiency +10%.

OTHER IMPACT

- Reduce pig mortality -10%,
- 500 Consumers participating in survey,
- 5 Farmers attached to system,
- 5 Technology/data providers attached.