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CURRENT TRL  
& TARGET TRL

SHARE

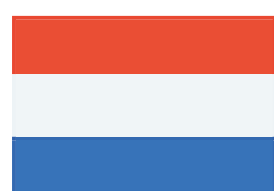
DATA OF  
PORK QUALITY WITH  
SUPPLY CHAIN

HIGHER  
QUALITY OF PRODUCT

WASTE

REDUCE OVERALL  
WASTE

COUNTRIES

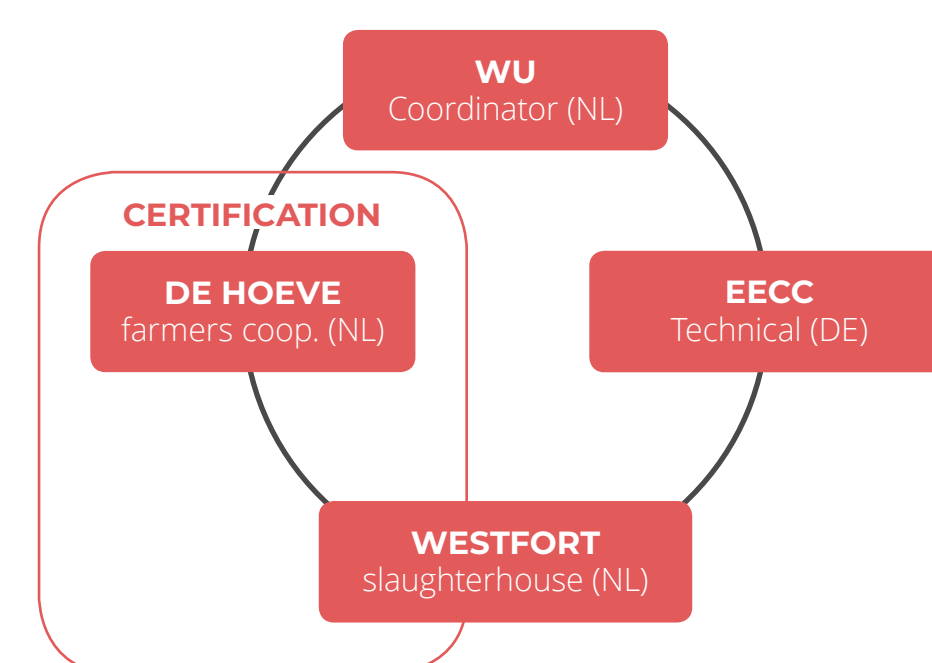


PARTNERS

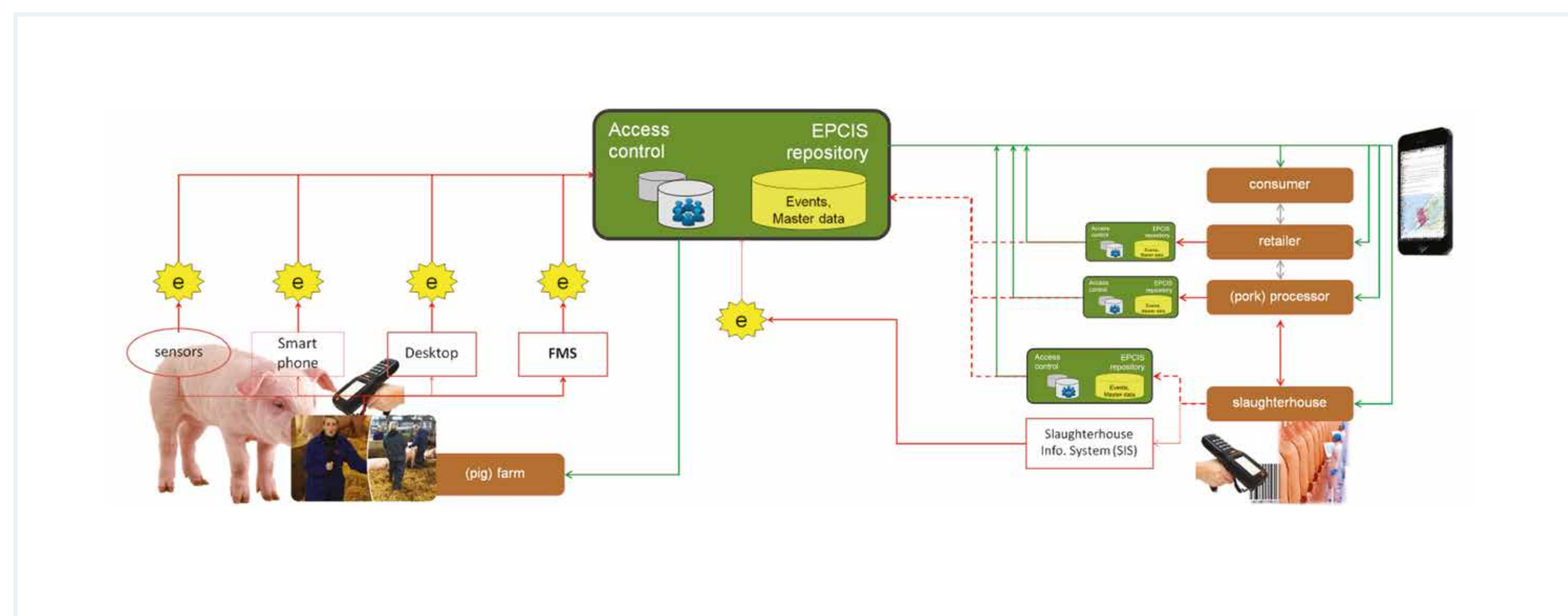


# 5.3 MEAT TRANSPARENCY AND TRACEABILITY

The production chain around meat is complex: data about the quality and provenance of meat products must be made available securely to different stakeholders, with different levels of granularity. The main challenge is how to enhance transparency and traceability of meat taking the diverse needs of stakeholders into account.



## HOW IT WORKS



The EMTT infrastructure consists of several parts. First, one or more EPCIS repositories should be realized. On top of the EPCIS repositories, several apps, developed in Fspace's MIP trial, add functionality to the infrastructure. A connector will be developed to transform farm events into EPCIS. The other events will be captured directly from the ERP. Key aspects of the architecture for the EMTT infrastructure are the use of the global standard for event information exchange, i.e. EPCIS (EPC Information Services), the use of global identification standards such as GTIN, SGTIN and GLN and the use of the Core Business Vocabulary.

## THE IMPACT

### OUR OBJECTIVES

The use-case aims to demonstrate its value by:

- Supporting the antibiotics-free certification scheme of KDV,
- Enabling the use of real-time information for inspection, thereby increasing the quality of inspections, whilst reducing inspection costs and increasing transparency on animal welfare.

### ON ECONOMY

Significantly reduce inspection costs by at least -50%.

### OTHER IMPACT

Significantly increase inspection quality and transparency about animal welfare and the use of antibiotics.