

# Swine production on Maio Island, Cape Verde: rearing systems and animal health



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### **Objective**

To characterise swine rearing practices and adverse health events on Maio Island, in order to plan future strategies to improve animal and public health.

### Data collection:

Household survey in 6 villages (October 2012)

Identification of the swine's producers



- 1. Number of swine, gender, age
- 2. Type of rearing system
- 3. Health and clinical signs
- 4. Number of dead animals



#### Results Rearing systems Total Number of swine 1299 Free ranging 181 Boars and weaners 34% Sows and gilts 405 Piggery 57% **Piglets** 713 62 Barrows Yard **Pregnant Sows** Clinical signs of dead swine No evidence of clinical signs Swine deaths on Maio Island from 2010 to 2012 Tremble (17,6%) **ot deaths** 30 20 Skin hyperemia (15,0%) Loss of appetite (6,2%) Abortion (5,5%) PORTO Recumbency (0,7%) **INGLES HORTA** Village **2010 2011 2012** Respiratory distress (0,4%) Cape Verde weather seasons based on precipitation Wet Dry Season **Dry Season** Season 2010 2011 2012









## Relevance

- 1. The symptoms described by the producers may indicate the presence of certain infectious diseases easily spread in free rearing systems. However, other causes such as toxic plants, should be consider since mortality occurred mainly in the warmest months, coinciding with the rainy season when many producers free their animals to feed of existing plants in the fields.
- 2. Future strategies should be focused in further laboratory investigation in order to identify causes

