



# Genetic improvement of traditional/local breeds

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# Traditional/local breeds

- why traditional/local breeds?
  - ⊕ biodiversity
  - ⊕ traditional products
  - ⊕ environment
  - ⊕ sustainable
  - ⊕ traditional way of life
- traditional/local breeds vs. other breeds – competitiveness (product quality)
- characteristics of traits – environment or genetics?



# Background

- ⊕ lack of info about traditional/local breeds
- ⊕ replacement of traditional/local breeds
- ⊕ poor/absent identification system
- ⊕ absence of data recording
- ⊕ advantageous traits

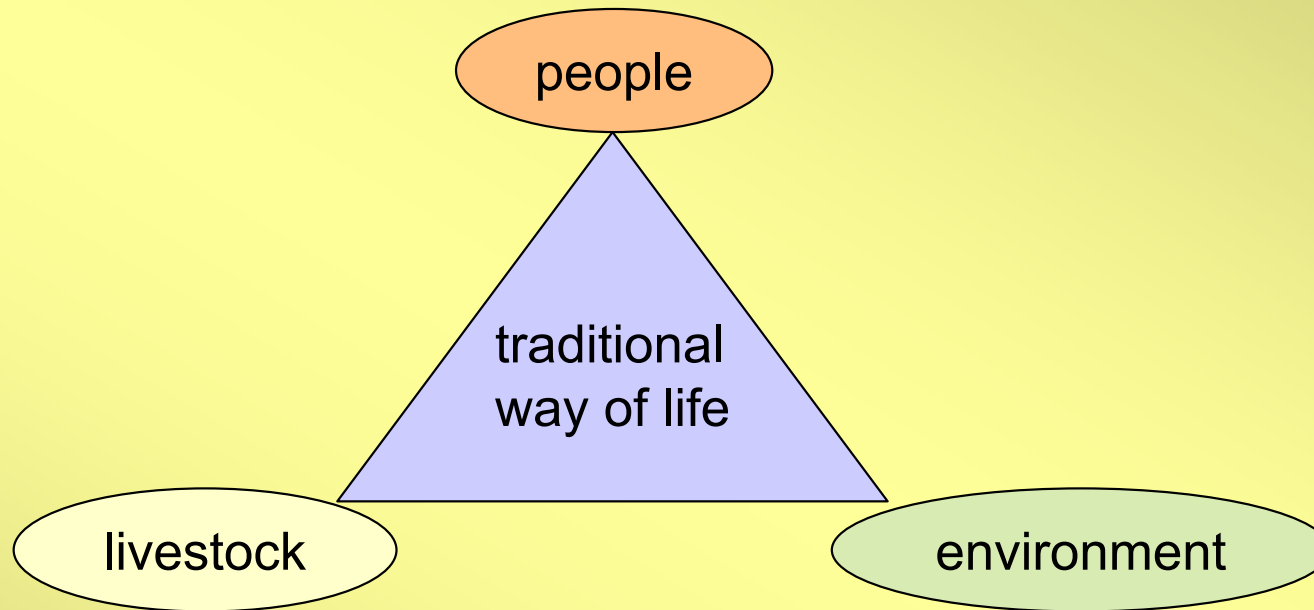


# Challenges

- C&EE, MED and CIS
  - ⊕ establish animal identification system & animal database
  - ⊕ characterization of breeds
  - ⊕ develop breeding program
  - ⊕ survey consumer demands
- develop farmer support system – government, institutions, breeding organizations
- implement quality protocols in traditional production systems

# Opportunities

- traditional production systems



- biodiversity – genetic potential
- product quality?

# How to make it happen

- ⊕ establish functioning systems
- ⊕ breed characterisation (genetic potential)
- ⊕ design and implement breeding programs



# Outcomes

- ⊕ use/preservation of traditional/local breeds
- ⊕ increased competitiveness
- ⊕ society awareness
- ⊕ keep rural areas productive





⊕ Interested?

⊕ Collaboration welcomed!!

⊕ [www.young-train.net](http://www.young-train.net)

