

# Synthesis: Session 2: Tracking change over time – opportunities & improvements to longitudinal datasets

## Goals for the session:

- Inform LD4D participants of some of the different longitudinal datasets that are available and their relevance to the livestock sector
- Discuss the strengths and limitations of the datasets
- Explore how LD4D participants might use the data to provide insights

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- Datasets – all built collaboratively
  - Rulis (FAO, WB, IFAD), EMPRES-i (multiple data sources – OIE, etc)
- Different (primary) data sources
  - Surveys – FAOSTAT e.g. production data from questionnaires to member Countries
  - Harmonizing data that already exists (RuLIS – Rural Livelihoods Information Systems)
- Different scales of data collection
  - Country level – FAOSTAT or Household level data – 50x2030, RuLIS
- Different global coverage
  - OIE-WAHIS (members legally obligated), 50x2030 (demand from selected countries)
- Different purposes
  - 50x2030 – strengthen agricultural data systems in 50 countries
  - OIE-WAHIS and EMPRES-i - disease intelligence, forecasting

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## Main unanswered questions

- Challenges in capturing reliable data in informal systems  
In particular pastoralist or transhumant communities
- Questions on quality of data already collected  
Other data questions: derivation of statistics, granularity/aggregation of the data
- Access to data and the extent to which data are open-access  
microdata can be anonymised  
but depends on the dataset

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## Key actions and persons to lead

- Improve data quality  
(for FAOSTAT, maybe increase interaction with member countries)
- Increase use of datasets  
may happen with increased interoperability of datasets  
through data sharing  
training users