

# Global Burden of Animal Diseases (GBADs)

*Linking country case studies to ensure knowledge sharing*

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# GBADs approach to national studies



# How proof-of-concept case studies are implemented

The GBADs global team works closely with local research partners and government entities to implement country case studies. The local collaborator leads country-specific activities and the GBADs Global Team collaborates on analysis to provide estimates and adjust methodologies when needed at each stage of the of GBADs analytical structure.

# Countries with ongoing studies



## Ongoing – Netherlands and Norway)

**Summary:** Salmon in Norway and dairy cattle in Netherlands

**Funder(s):** European Commission

**Key implementing partners:** University of Liverpool, Utrecht University and the Norwegian Veterinary Institute.

### Ongoing activities:

- Economists at the University of Stavanger in Norway have supported Norwegian Veterinary Institute's work to estimate the AHLE in farmed Salmon
- Wageningen Economic Research contracted to support Utrecht University's work to estimate the AHLE in dairy cattle



Universiteit Utrecht



Veterinærinstituttet  
Norwegian Veterinary Institute



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## Starting – Indonesia

**Summary:** Two-year case study to estimate the economic burden looking at beef cattle in East Java, poultry in West Java, pigs in West Timor, and dairy cattle in West Java

**Funder:** Australian Centre for International Agricultural Research (ACIAR).

**Key implementing partners:** (i) BRIN (Indonesia's National Research & Innovation Agency), (ii) University of Gadjah Mada, (iii) PT Mitra Asia Lestari (an agribusiness consulting company in Jakarta), Griffith Asia Institute, and (iv) the Commonwealth Scientific and Industrial Research Organisation (CSIRO)

**Ongoing activities:** Mapping of animal health policies, and interviews with decision makers to understand their interest and potential utility of GBAD



## Pipeline – Senegal

**Summary:** The study will assess the impact of animal diseases (including losses and expenses) nationally in extensive pastoral cattle farming and agropastoral small ruminant farming

**Funder:** In final stages of discussions with a potential donor

**Key implementing partners:** ISRA (national research institute) and DSV (directorate of veterinary services), GBADs consortium partners (WOAH, UoL, Guelph University).



**GBADs**

# Lesson learned from Ethiopia case study

**National versus sub-national estimates** – Consideration of subnational analysis (given that animal health investment decisions are made at this jurisdictional level) and sub-analyses relating to different social groups, animal health coverage levels, etc.

**Time frame of estimates** – Clarification of the timeframe captured by burden estimates, including time series data to allow longitudinal burden assessment.

**Data alliances** – Supplementing data obtained from the central statistical agency with other data sources (e.g., private sector data) will support the filling in of data gaps thus strengthening estimates created.

**Capacity building** – Continuation and expansion of capacity building to the sub-national level, funding permitting

**Engagement with public sector** – Engagement with senior officials in the Ministry of Agriculture (MoA) and designation of GBADs focal person in MoA to help facilitate the integration of GBADs approaches.



# Ensuring knowledge sharing

Key implementing partners of country case studies in Norway, Netherlands, Indonesia, and Senegal will be invited to join the second national stakeholder workshop in Ethiopia in May 2023. A meeting will be organised between case study implementers to promote and build mechanisms and systems to ensure knowledge transfer amongst GBADs country case studies.