World Organisation for Animal Health
Founded as OIE

UNIVERSITY OF LIVERPOOL

Global Burden of Animal Diseases (GBADs)

Calculating the Economic Burden of Animal Health Issues

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https://animalhealthmetrics.org

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GBADs

Do you know?

- The biomass of your livestock?
- The economic investment of cattle, sheep, goats, pigs and poultry?
- What the level of production loss is in your dairy sector?
- How much your poultry sector spends on veterinary products?
- Which diseases have the biggest impact on production?
- How the current animal health and disease problems impacts the wider economy and food supply?

Agenda

1. Brief high-level summary of GBADs – Ms Edna Massay Kallon, WOAH Programme Lead – GBADs
2. Progress and outputs from the Ethiopia country case study – Dr Wudu Temesgen, GBADs Ethiopia Case Study Senior Analyst
3. Interactions with national stakeholders in Ethiopia – Dr Wondwosen Awoke, GBADs Ethiopia National Stakeholders Engagement Lead
4. Lessons learned and linkages with other ongoing and pipeline case studies – Professor Jonathan Rushton, GBADs Programme Director
5. Discussions

A menti poll will be open throughout this event for you to enter any questions you may have. Please use the link and information below

What is the GBADs Programme

The **Global Burden of Animal Diseases (GBADs) programme**, co-led by World Organisation for Animal Health (WOAH, founded as OIE) and the University of Liverpool, is implemented by a consortium of organisations, research institutes and universities that work at the crossroads of public policy, private sector strategy and academia. Together, the consortium **is working to develop a systematic approach for the assessment of the economic burden of animal diseases; to provide estimates of net loss of production, expenditure, and trade impacts; and to identify where the burdens occur, to whom and by causes and risk factors.**

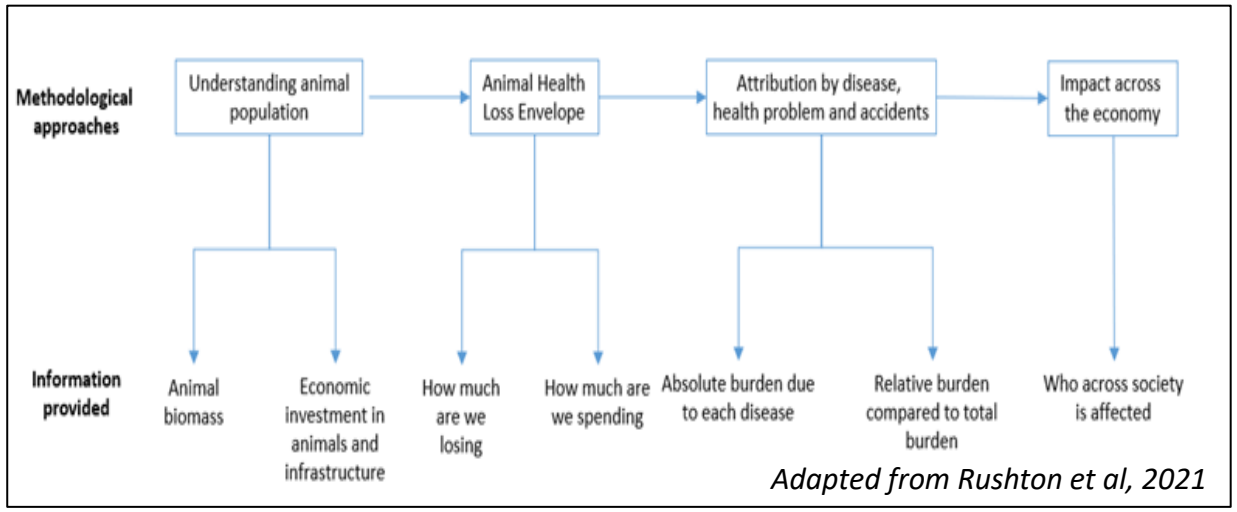
Why GBADs exists

- **Provide** information for evidence-based investment plans for veterinary services in order enhance the allocation of resources to key social, economic and environmental problems

- **Support** high quality evaluation of existing animal health investments thus demonstrating the value of veterinary services

How GBADs is obtaining proof-of-concept

Analytical structure



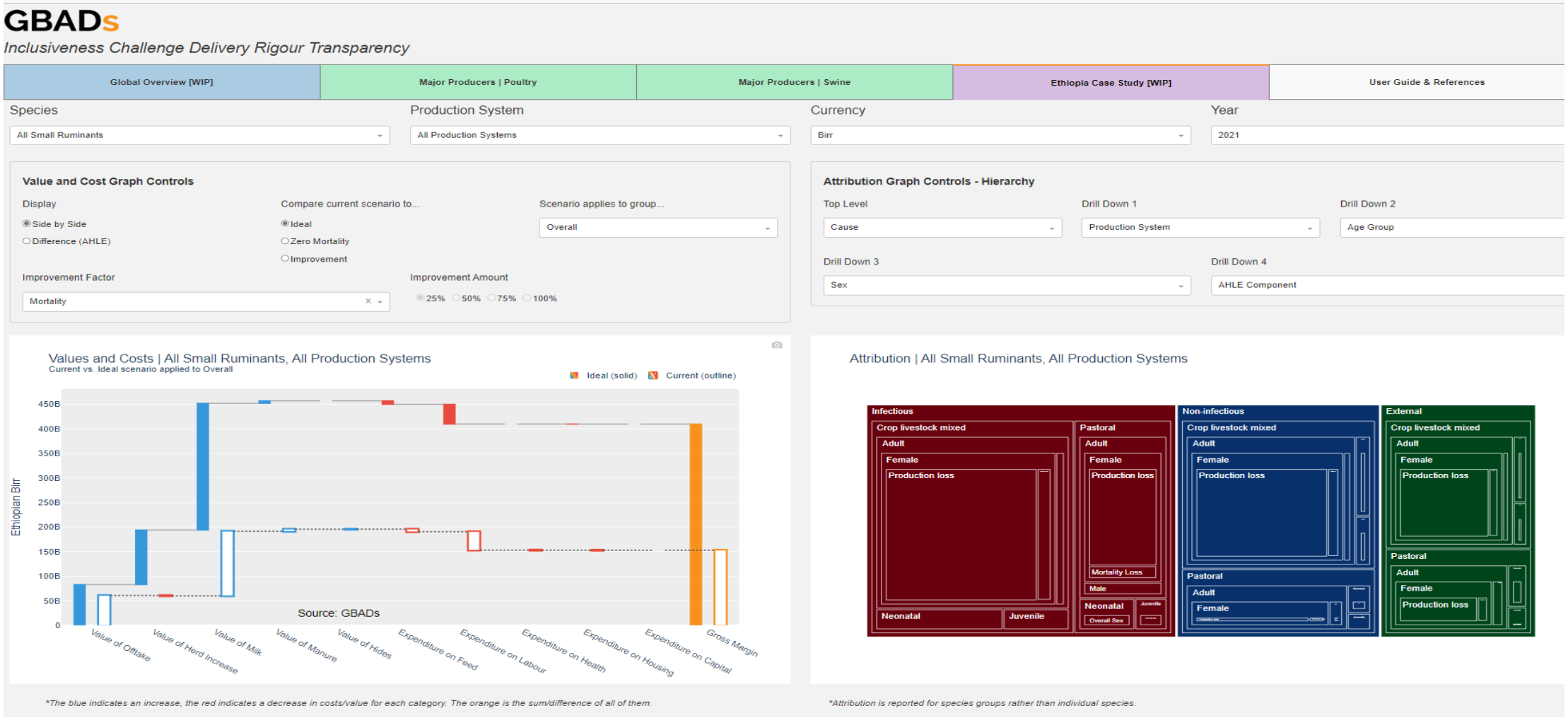
Adapted from Rushton et al, 2021

Country and global case studies

https://animalhealthmetrics.org

GBADs

GBADs output – dashboards to support decision-making



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GBADs

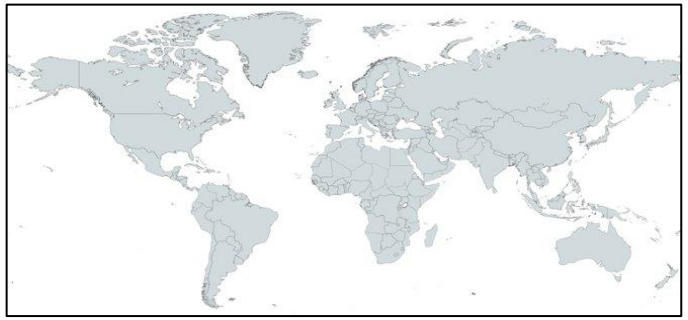
Into the future

GBADs
Technical, process and data management documentation and other products

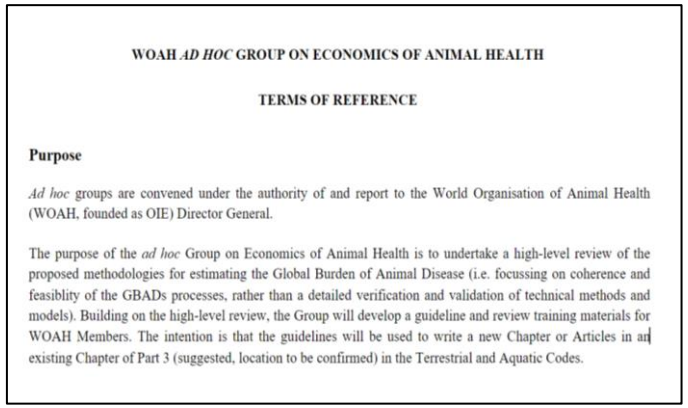
Capacity building

Online and in-person training

Country rollout



Institutionalisation



WOAH *AD HOC* GROUP ON ECONOMICS OF ANIMAL HEALTH

TERMS OF REFERENCE

Purpose

Ad hoc groups are convened under the authority of and report to the World Organisation of Animal Health (WOAH, founded as OIE) Director General.

The purpose of the *ad hoc* Group on Economics of Animal Health is to undertake a high-level review of the proposed methodologies for estimating the Global Burden of Animal Disease (i.e. focussing on coherence and feasiblity of the GBADs processes, rather than a detailed verification and validation of technical methods and models). Building on the high-level review, the Group will develop a guideline and review training materials for WOAH Members. The intention is that the guidelines will be used to write a new Chapter or Articles in an existing Chapter of Part 3 (suggested, location to be confirmed) in the Terrestrial and Aquatic Codes.

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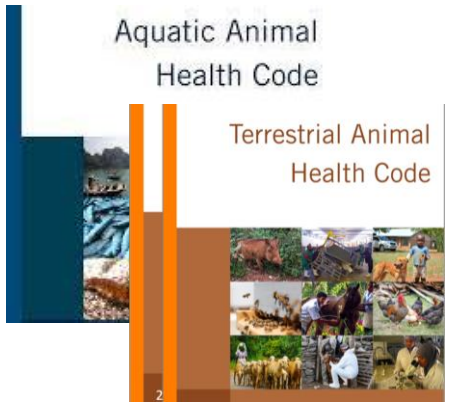
Guideline



The GBADs programme has a long-term vision to get to maturity (2030). During this timeframe, using the GBADs technical, process and data management documentations and other products, the programme will (i) develop and implement capacity building activities and tools, (ii) rollout GBADs in additional countries, and (iii) embark on a process to create a WOAH guideline and hopefully standards on the use of the GBADs approach.

GBADs funders and collaborators

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GBADs