


Global Burden of Animal Diseases (GBADs) en la región del CVP



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Background

- **Imagine a situation:**
 - Where **the scale of investments** on animal health are based on **gut feelings** at best, **guesses** at worst...
 - We rely on **perceptions** to **allocate the resources** to diseases and animal health problems to achieve our goals...
 - And when the animal health investment and allocations have been made there are **no systematic ways to capture data and information to evaluate our successes or failures.**
- This is reality for animal health - the Global Burden of Animal Diseases programme aims to **fill this void of data and information for animal health and One Health**



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History of GBADs

- A series of presentations and papers over the 2010s
- **Technical item** at the OIE 84th General Session in 2016 with a resolution
- Development of a partnership between WOA (Formally OIE) and The University of Liverpool leading to support for the development of the concept during 2018/19 for a **10-year program**
- Investment of Phase IIa for the period of **2021/22** by the Bill and Melinda Gates Foundation and FCDO for a proof of concept
- Additional funding for rollout activities from Brooke, ACIAR, European Commission, Fleming Fund



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What is GBADs?

- **GBADs** is a multi-national and transdisciplinary consortium co-led by the University of Liverpool and the World Organisation of Animal Health (WOAH) funded by the Bill and Melinda Gates Foundation, UK's FCDO, European Commission, Australia's ACIAR, Canada's IDRC and Brooke
- **GBADs** generates estimates of the social and economic burden of animal diseases through an innovative framework that provides data and information to support sustainable animal health investment opportunities that achieve sustainable development goals (SDGs)



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GBADs seeks opportunities to improve investments, allocation of resources and evaluating successes




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What motivates the **GBADs** program?

Our livestock keepers, consumers and the environment need:

- **Investment plans** which ensure there are adequate animal health systems
- **Allocation of resources** to problems that most affect their health and wellbeing
- **Evaluation** of animal health investments to ensure they are delivering on societal outcomes



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Do you know?

- The biomass of your livestock?
- The economic investment in 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 impact the wider economy and food supply?



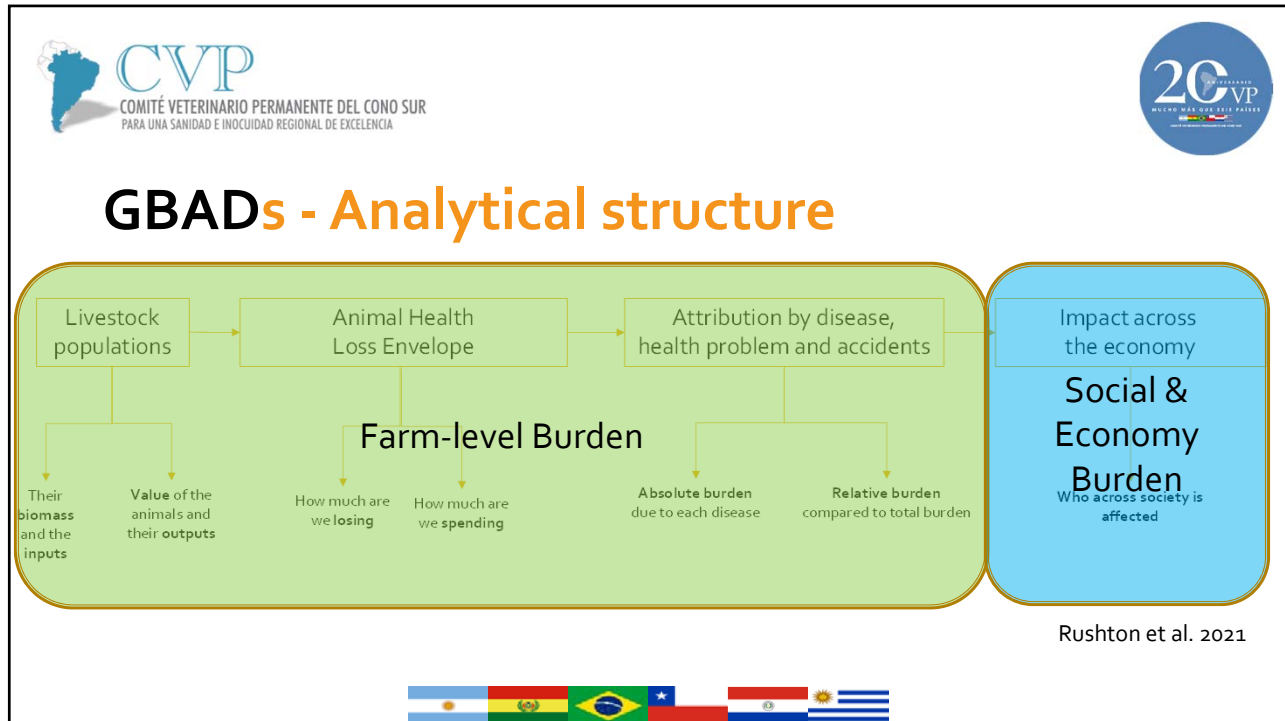
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How are we addressing these needs?

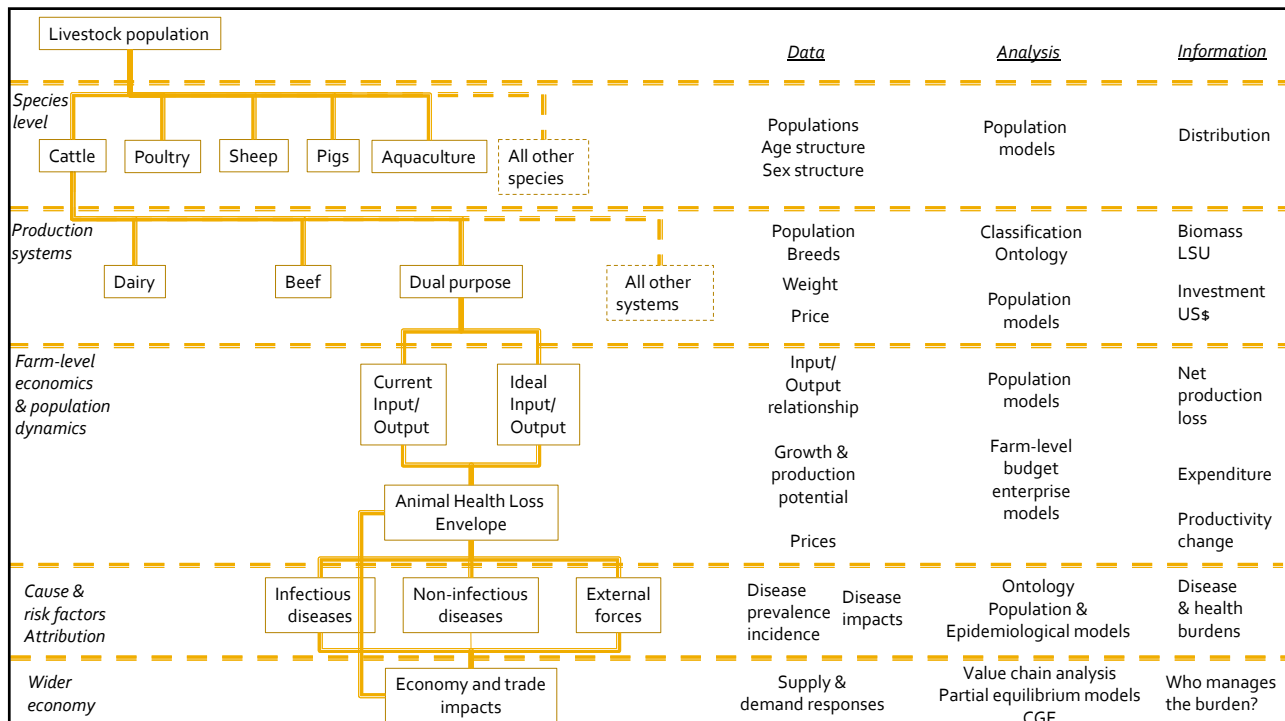
- **GBADs** is establishing a systematic framework for assessing the burden of animal diseases to:
 - enable informed decision-making to support livestock sector productivity and reduce health impacts
 - improve equity for small scale livestock and aquaculture producers, particularly women
 - enhance production efficiency by respecting the scarcity of natural resources
 - reduce the impact of farming on the environment



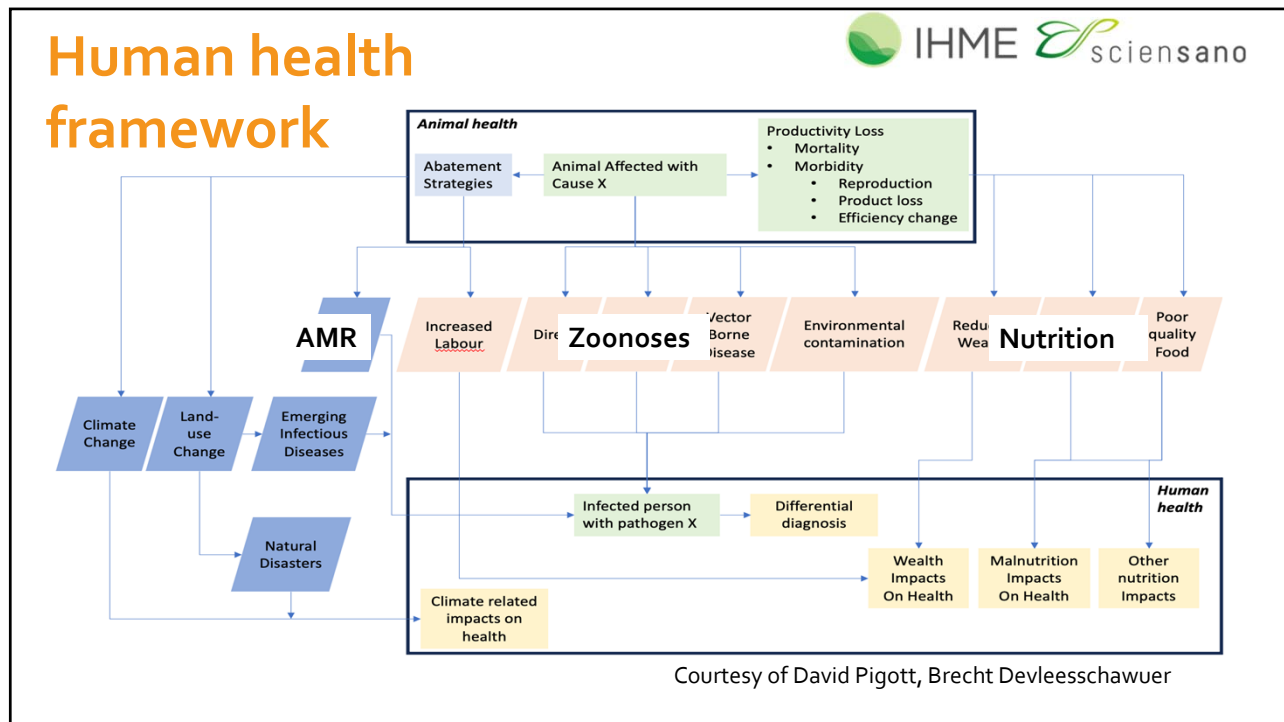
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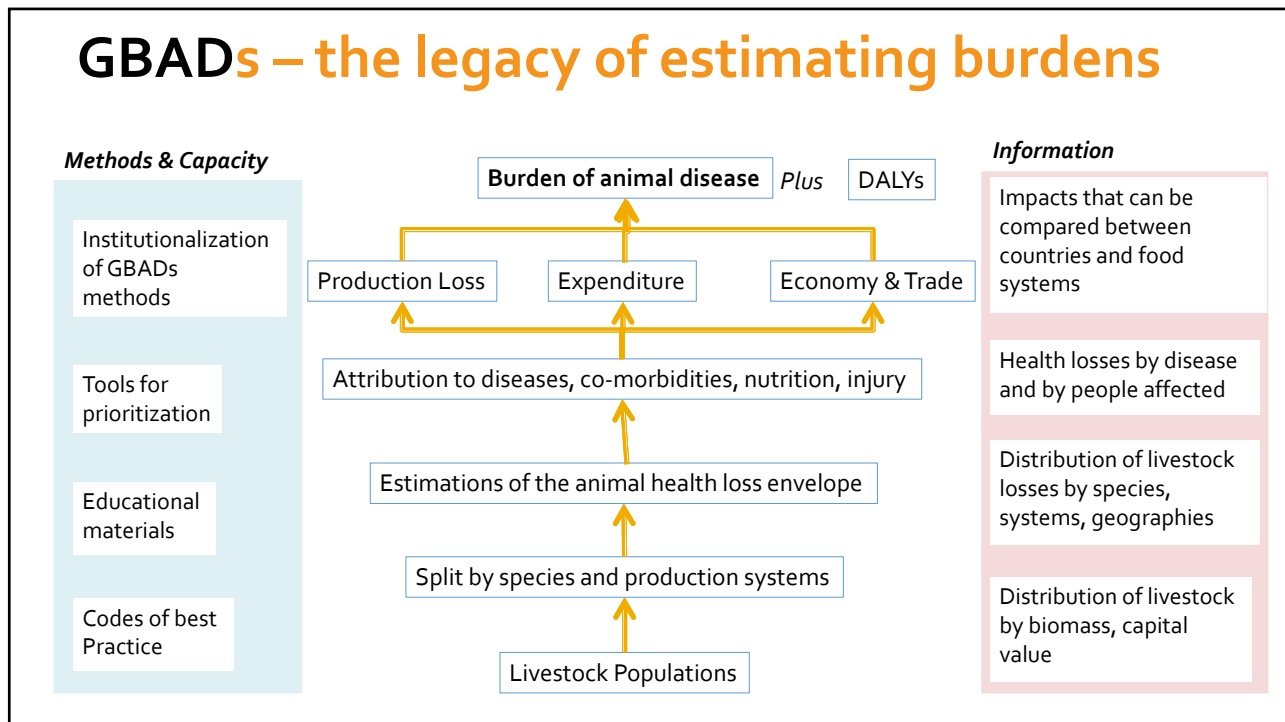
Adding value through information provision

- **GBADs** is generating data and information to help understand the livestock sector and the impact of animal diseases
- This information is available through prototype dashboards at a global, sector and national level (see <https://gbadske.org/dashboards>)
- Three levels of prototype dashboard are being developed
 - Global level burden estimation
 - Sector level estimation based on major producers of key commodities
 - Country level estimation across all species
- Summary information is provided and where data are available this can be disaggregated by species, age and sex groups

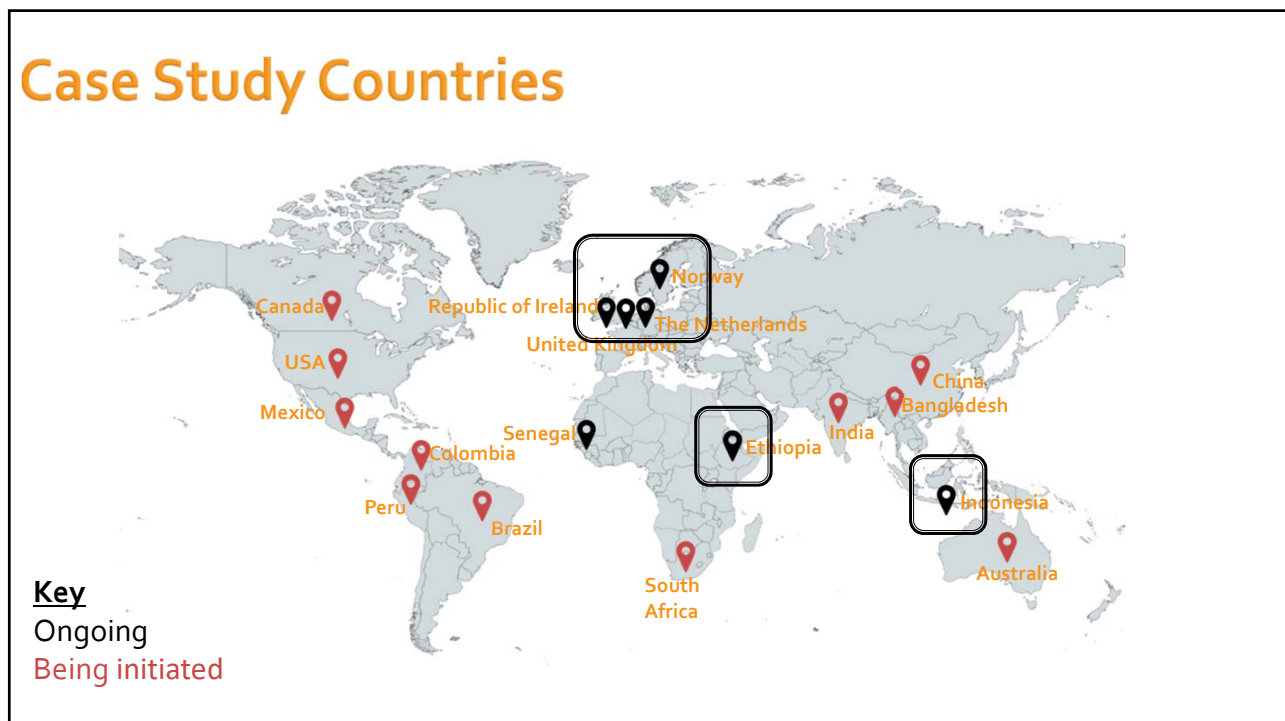
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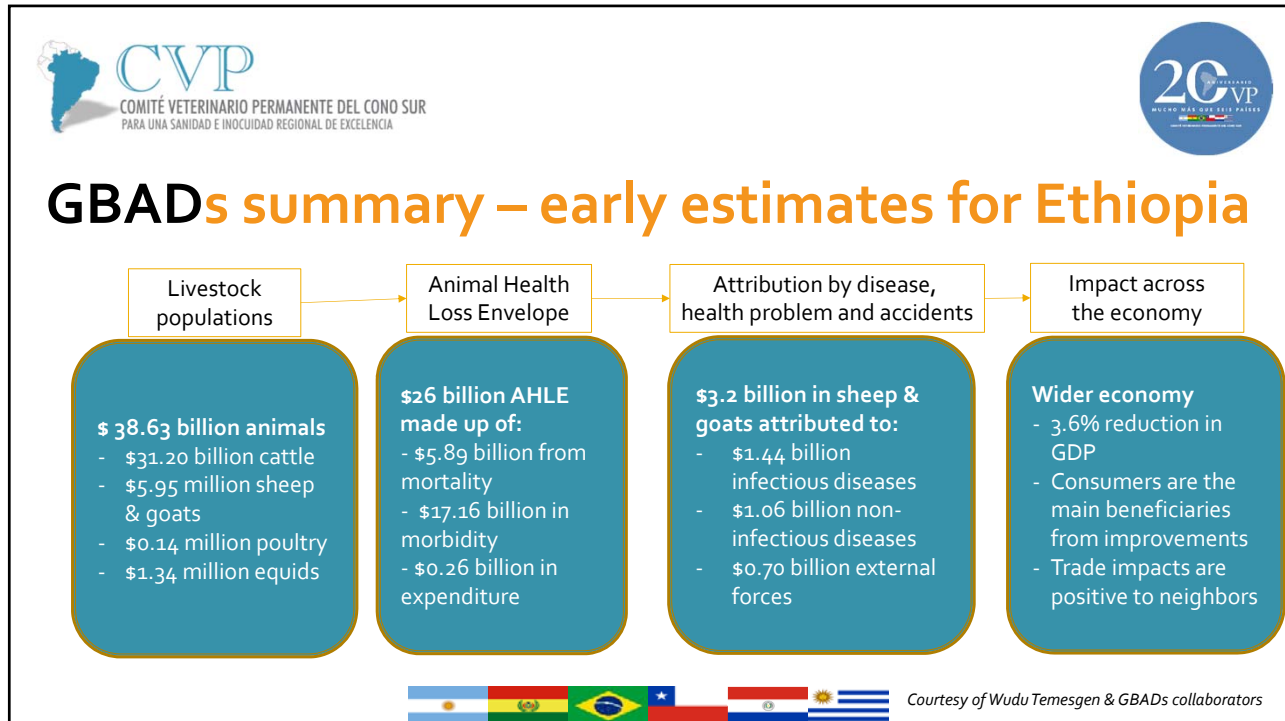
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WOAH Collaborating Centre for the Economics of Animal Health - Americas Region

Reference Centre  **World Organisation
for Animal Health**
Founded as OIE



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Collaborating Centre Key Partners

- Kansas State University
 - Dustin L. Pendell - *Department of Agricultural Economics*
- University of São Paulo
 - Silvia Helena Galvão de Miranda - *Department of Economics, Business and Sociology*
- University of Brasília
 - Vitor Salvador Picão Gonçalves - *Faculty of Agronomy and Veterinary Medicine*
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- Washington State University
 - Thomas L. Marsh - *School of Economic Sciences, Paul G. Allen School for Global Health*



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GBADs – a call to arms

- We cannot do this alone
- We need you to work with us in partnership
- We need you to join with us on investments on data sharing, testing of information and education materials
- We need you to help us to develop and encourage a cadre of young people
- This is an exciting time, a time of change
- **GBADs** is an exciting and ambitious program – it is one of exploration and discovery
- We want you to enjoy being part of the **GBADs** team and journey





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<https://animalhealthmetrics.org>

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GRACIAS!!

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