

## 1<sup>st</sup> Annual Meeting Rome 6<sup>th</sup> March 2014

Guiding Environmental Performance in the Livestock Sector
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#### GRSB – a Multi Stakeholder Initiative













#### VISION

We envision a world in which all aspects of the beef value chain are environmentally sound, socially responsible and economically viable.

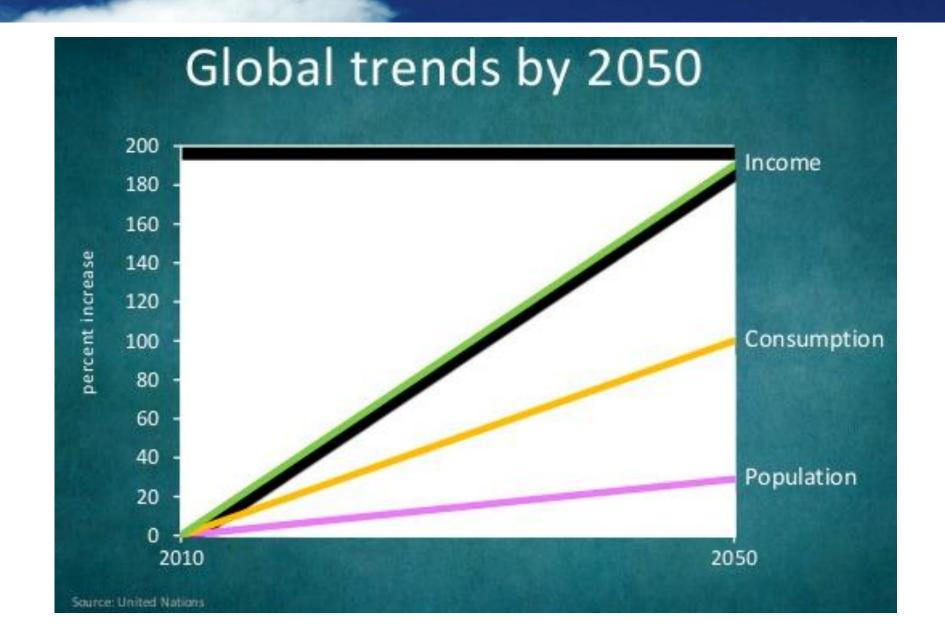


#### MISSION

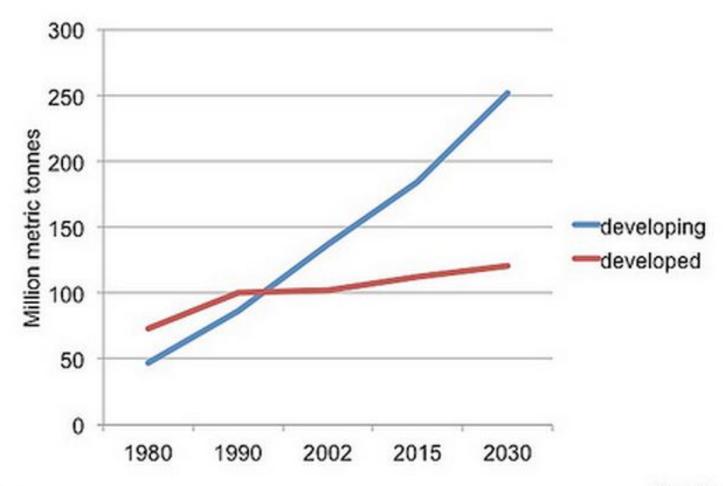
The GRSB mission is to advance continuous improvement in sustainability of the global beef value chain through leadership, science and multi-stakeholder engagement and collaboration.



#### WHY SUSTAINABLE BEEF?

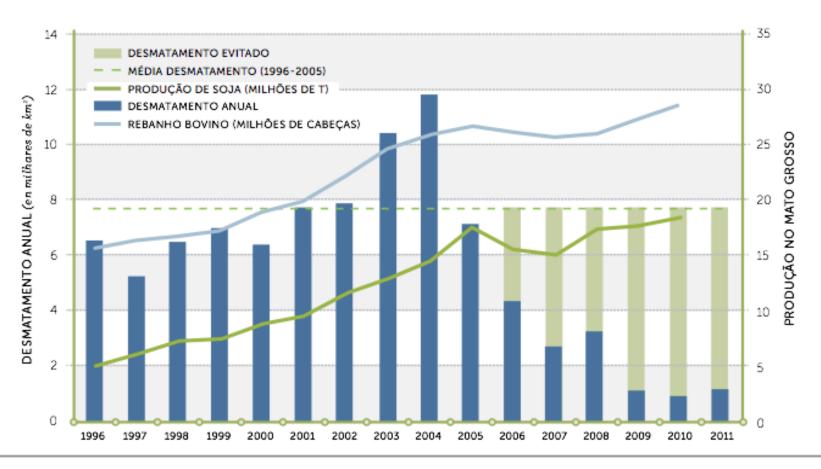


#### WHY A GLOBAL ROUNDTABLE?





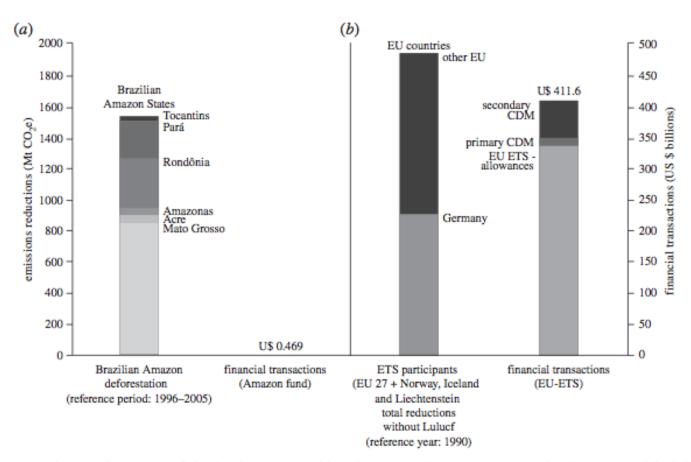
## Perceptions vs pace of change?



**Figura 1:** Desmatamento anual, produção de soja, e rebanho bovino em Mato Grosso (Dados do PRODES, IBGE)

IPAM: Mato Grosso - no Caminho do Desenvolvimento de Baixas Emisso es: Custos e Benefícios da Implementa ca o do Sistema estadual de REDD+

## Lessons from Brazil



**Figure 1.** Carbon emissions reductions from states of the Brazilian Amazon (a) and European Union signatories to the Kyoto Protocol [39] (KP) (b) and associated financial transactions for the first 3 years of the KP compliance period (2008–2010) (Amazon fund. http://www.fundoamazonia.gov.br accessed 20 February 2013) [47].

IPAM: Responding to climate change and the global land crisis: REDD+, market transformation and low-emissions rural development. Nepstad *et al* 2013

# Linkages to other initiatives

Global Agenda for Sustainable Livestock; MoU with GRSB



 Livestock Environmental Assessment and Performance Partnership; Large Ruminant Group



- RT REDD; Colombia & Brazil
- SAI Platform Beef Working Group



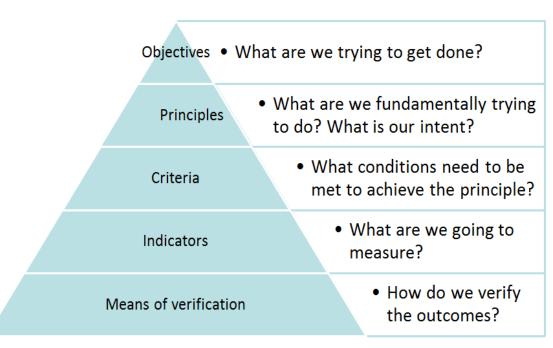
 National and regional roundtables; Brazil, Canada, Colombia, US, Australia and potential elsewhere

- We need a common understanding and approach
- General agreement on allocation and methodology between dairy/ beef / leather
- Better understand systems and opportunities for improvement
- Scientifically underpinned
- Support continuous improvement rather than "pointing the finger"
- Provide stakeholders and outsiders with information they can use

# Definitions progress

#### Principles and Criteria:

- 1. Natural Resources
- 2. People & Community
- 3. Animal Well-Being
- 4. Food
- 5. Efficiency and Innovation



#### Development of Subsequent levels:

Performance outcomes are the basis for comparison not practices or systems by type. Indicator development at national / regional level, but we will need a common methodology for baseline and measurements

## Summary Definition

# "Planet, People, Animals and Progress"

We define sustainable beef as a socially responsible, environmentally sound and economically viable product that prioritizes Planet (relevant principles: Natural Resources, Efficiency & Innovation, Community Development); People (relevant principles: People and Community and Food); Animals (relevant principle: Animal Well-being); the; and Progress (relevant principles: Natural Resources, People and Community, Animals, Food, Efficiency and Innovation).

## Natural Resources

Global sustainable beef production takes place in a way that identifies and manages natural resources responsibly and maintains or enhances the health of ecosystems.

Air

Water

Land

**GHG** 

**Biodiversity** 

Continuous improvement

# Efficiency and Innovation

Global sustainable beef stakeholders encourage innovation, optimise production, reduce waste and add to economic viability.

Genetics

Non recyclable waste

Product value and utilisation

Water and land use efficiency

Energy

Feed

Pharmaceutical, nutrient & chemical use.

# Efficiency and Innovation...

The criteria defined under this principle aim to increase the ability of the value chain to profitably and safely produce beef, with a balanced use of natural resources through optimal use of external inputs, efficient management and reduced waste.

Efficiency and Innovation are seen as key to the continuous improvement for each of the other four GRSB principles for sustainable beef. Efficiency improvements should also enhance the ability of the beef industry to adapt to external and internal challenges. Increasing efficiency through shared knowledge and experience should be underpinned by scientific evidence that ensures environmental protection and social responsibility, while allowing economic viability.

## Communicate





# **Everyone Has a Seat at the Table**

**YOU will determine OUR success.**