Sustainable Beef Goals in Action

Global Roundtable for Sustainable Beef

October 4th, 2022, Dublin, Irlanda
The Sustainable Beef Network
Member Organizations

**Producer Constituency**
Producers, organizations and associations who are actively engaged in the ownership and management of live cattle used to produce beef.

**Processing Constituency**
Organizations processing live cattle into beef products.

**Allied Services and Industries Constituency**
Organizations and companies supplying goods and services to beef producers.

**Retail Constituency**
Organizations and associations who bring beef and beef related products to consumers.

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[Logos and images of various member organizations]
Member Organizations

Roundtable Constituency
Local, national or regional multi-stakeholder initiatives who share the vision, mission, and statement of purpose and objectives of GRSB.

Civil Society Constituency
Academic institutions, non-government and non-commercial institutions, foundations and associations with a stake in the beef value chain.

Consulting Members
Individuals or organizations such as regulatory authorities, governmental agencies, consulting and auditing firms and donor organizations, which do not belong to one of the six constituencies, may request membership as Consulting Members.

Observing Members
Individuals and organizations that may otherwise qualify for Participating Membership may apply for Observer status in order to learn and engage in the association. It is expected Observers would work toward becoming Participating Members within a reasonable period of time.
Global Goals

https://grsbeef.org/sustainability-goals/
Climate commitments - Australia

CN30 is the Australian red meat industry’s aspirational target to be carbon neutral by 2030.

MLA is supporting CN30 through investing in research, development and adoption:

- EMISSIONS AVOIDANCE R&D
- CARBON STORAGE R&D
- INTEGRATED MANAGEMENT
- LEADERSHIP BUILDING
Climate commitments - Canada

- Sequester an additional 3.4 million tonnes of carbon every year.
- Reduce food loss and waste by 50% from secondary processing to consumer.
- Maintain the 35 million acres of native grassland in the care of beef producers.
- Reduce primary production GHG emission intensity by 33% by 2030.
Climate commitments

• Europe
• New Zealand – He Waka Eke Noa
• United States – Climate Neutral 2040

• Supported by many corporate commitments.
Climate activities

• Enteric methane reductions
  • Additives; both synthetic and natural impact on rumen flora
    • 3NOP
    • Asparagopsis
    • Wearable device (Zelp)

• Feed & grazing management
  • Composition of sward / ration
  • Rotation, animal impact and rest (benefits extend beyond emissions).

• Genetics
  • Conventional breeding – advanced data management, IVF
  • Gene editing – first approval in the US recently

• Animal Health & Welfare – smaller supporting herd; PLF
Climate activities

• Grazing management / sequestration
  • Planned (AMP) grazing; in addition to improving sward productivity, sequesters C.
  • Silvo pastoral systems – multiple wins for fodder, temperature, C etc

• Manure management
  • Biomethane capture
  • Fertilizer and manure application
GRSB’s Climate Activities

GRSB Beef Carbon Footprint Guideline to support consistency in emissions reporting worldwide and our Climate Goal. Visit GRSBEEF.ORG to learn more.

GRSB working with Emerging Ag to support Sustainable Beef representation at CoP 27 in Egypt, November 2022.

GRSB has started work this year on our MRV system to set baselines and report against the global goals. We will work closely with members (e.g. with SBTs) and national RTs to streamline this.
Nature Positive Production

• Water
  • Planned (AMP) grazing; can contribute to soil moisture retention / resilience.
  • Ground cover is important in reducing runoff.
  • Silvo pastoral systems – multiple wins including water services
  • Water withdrawals for feed are very significant in the US. There will need to be a shift in the coming years – CSU and the National Alliance for Water Innovation as well as several partners in the USRSB are working on this to investigate water savings and non traditional water sources.

• Biodiversity
  • Deforestation free commitments from corporates – increasing interest in transparent supply chains. Proposed legislation from EU.
  • Conversion of native grasslands to cropping – beef industry is on both sides of this equation. Evidence from AMP grazing suggests grassland productivity can be significantly improved and reduce demand for feed inputs (context dependent).
Nature Positive Production

By integrating with Producindo Certo, producers will have a clear assessment of the situation of their properties and once they receive high-level technical guidance to help them adopt best environmental practices, they will be able to open their doors to new business opportunities with companies that seek reliable suppliers and quality for both meat lines that require compliance with legal guidelines in the social and environmental areas.

Producindo Certo allows companies that operate in the Agriculture segment to develop actions to quality suppliers, adding the necessary transparency in fulfilling their commitments to responsible production—and consequently in partnerships with producers, after confidence to their customers.

When purchasing products certified by Producindo Certo, consumers can be sure that they will be contributing to environmental preservation and respect for the rights of rural workers.

Good for all –

2.2+ MILLION Ha of Protected Native Vegetation

NEARLY 20,000 PEOPLE WORK IN RURAL PROPERTIES UNDER GOOD HEALTH AND SAFETY CONDITIONS

1.5+ BILLION TONS OF CO2 KEPT FROM BEING RELEASED INTO THE ATMOSPHERE
Animal Health and Welfare

• Health and Welfare

• We owe the animals in our care a life worth living.
• This benefits the animal and the producer, and is the minimum consumers expect.
• Health and welfare contribute to the other goals by closing the efficiency gap.
• Healthy, well handled cattle do better and are safer to work with
• Good animal health contributes to human health through reduction in zoonoses, as well as reducing need for pharmaceuticals that are critical to human health; overuse of which can lead to resistance.
Animal Health and Welfare

Regular pain relief usage for cattle has risen to 30% from 21%.

Awareness of Animal Welfare Standards for cattle has risen to 97.3% from 73%.
Global Conference on Sustainable Beef
Gracias!

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