Animals Are the Answer
Global and Growing

We empower veterinarians, farmers, and pet owners with the tools needed to help animals live healthy lives. Our products and knowledge services help prevent and treat disease in farm animals and pets in more than 90 countries.
Two of the Greatest Challenges Today

Feeding the World.

Cooling the Climate.
Addressing Improvement Opportunities to Reduce GHG Emissions from Animal Farming - Biggest Impact in Cattle!

UN FAO estimates that **livestock GHG emissions could be cut 33%** while keeping output constant – if global average production could move to the current top 10th percentile.

...This is where the animal health industry steps up!

Source:
Methane – The Misunderstood GHG

Carbon Dioxide
- Long-lived stock gas
- Persists for 1,000 years
- Builds significantly over time

Methane
- Short-lived flow gas
- Persists about 12 years
- Remains constant with constant emissions
- Reduced emissions can create cooling

Greenhouse Gas Lifespans

Shift from GWP100 to GWP* to independently account for methane
4 Ways to Impact Methane + Other GHGs

1. **On the Land**
   - No till
   - Cover Crops

2. **In the Animal**
   - Genetics
   - Nutrition management, increased digestibility
   - Enteric health
   - Methane-reducing feed ingredients

3. **Out of the Animal**
   - Bio-digesters
   - Valcor next gen digester
   - Water usage

4. **In the Value Chain**
   - Data and tracking
   - Energy efficient operations

**Value creation:**
- Soil carbon sequestration credits
- Carbon credits attributed to reduction from feed additives
- Fertilizer revenue, water quality trade/credits, tax credits
- Avoided on-farm electric
Elanco will be a Lead Partner to Net Zero

Four Ways We Add Value

**Innovation**
*Solutions* that reduce environmental impact

Elanco products reduce beef’s footprint 11%, including the first FDA approved product with an environmental claim. Continued effort to bring game-changing innovation.

**Analytics**
*A proprietary insights engine* to benchmark and track progress

Based on more than 20 years of data in beef.

**Value Creation**
Establish and build a Net Zero Ecosystem

Partnering to create Athian, a new company designed to certify, aggregate and capture value.

**Change the Narrative**
Lead the conversation

Advocate and tell the story.

Strategically engage in media and opinion shaping platforms.
THIS IS ANIMAL AGRICULTURE’S DECADE OF OPPORTUNITY.