



In a Global Marketplace, U.S. Dairy is an Environmental Solution

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Connecting Cows, Cooperatives, Capitol Hill, & Consumers

VISION

U.S. Dairy is an Environmental Solution

GOALS

By 2050, U.S. dairy collectively commits to:

BECOME CARBON
NEUTRAL OR BETTER

OPTIMIZE WATER USE WHILE
MAXIMIZING RECYCLING

IMPROVE WATER QUALITY
BY OPTIMIZING UTILIZATION OF
MANURE AND NUTRIENTS

OVERARCHING
STRATEGIES

FOR FIELD AND FARM

FOR PROCESSORS

Net Zero Initiative

A collaboration of dairy organizations with the aim to knock down barriers and create incentives for farmers that will lead to economic viability and positive environmental impact, in the areas of feed production, cow care, energy efficiency and manure management.

Processor Working Group

Led by the Innovation Center, a working group of more than 50 participants representing over 30 processing organizations convenes regularly and engages in facility-focused workstreams for waste, water, packaging, and GHG emissions to drive action and demonstrate progress towards the goals.

Definitions and Terminology

(adapted from IPCC)

- **GHG** = Green House Gases = Gases responsible for global warming like carbon dioxide, methane, and Nitrous Oxide
- **CO_{2eq}** = Carbon Dioxide Equivalent = Methods to convert different GHG emissions to one unit
- **Carbon Neutrality** = Achieved when sector CO₂ emissions are balanced by CO₂ removals
- **Net Zero Emissions*** = Achieved when (sector) emissions of all GHG are balanced by GHG removals
- **Climate Neutrality** = Achieved when human activities (sector) does not impact the climate system

* 2050 Goal to be achieved through Net Zero Initiative

Global Sustainability Landscape Intensifies

- Investor groups look to decarbonize portfolios and increase investment in climate solutions

BLACKROCK



Vanguard



STATE STREET

- Global dairy customers prioritize sustainability in their supply chains



MARS

- Global dairy leaders set sustainability goals



- Countries including UK, NZ, France, Denmark & Sweden commit to carbon neutral



By 2050



By 2050



By 2050



By 2050



By 2045