ACCELERATE THE CIRCULAR ECONOMY

Through the Innovation Center for U.S. Dairy, the dairy community commits to advancing human well-being, ensuring leadership in animal care, supporting communities, and regenerating the environment. A core component of dairy solutions that enhance natural resources and ecosystems is circularity — essentially, the dairy community's ability to generate value through resource efficiency, waste reduction, and renewable resource and energy production.

Leadership Opportunity

Circularity and the notion of a circular economy have emerged as important sustainability concepts among key stakeholder groups. While the U.S. dairy community has implemented circular practices for decades, there is an opportunity for the industry to speak to those practices in the context of circularity and to further advance the leadership role dairy can play.

Circularity Framework

The Innovation Center has developed a circularity framework comprised of a definition and associated infographic for the industry. While not exhaustive of every circular system in the industry, this framework provides a unified perspective to communicate U.S. dairy's essential role in the circular economy.

Foundational Stakeholder Resource

Dairy processors, cooperatives, farmers, and other stakeholders can utilize this framework as a foundation to shape communications around their circularity strategies, actions and impacts. By adopting this broader perspective, the industry has the potential to unlock new collaborations, foster innovation, and drive efficiencies — delivering both economic value and environmental resilience.

Circularity Defined for U.S. Dairy

U.S. Dairy, from field to farm to processor, seeks to maximize resource efficiency and minimize waste. The industry can achieve a circular system through innovative and impactful collaboration that expands societal benefits. Circularity for U.S. Dairy will:

- Ensure new technologies, processes and assets prioritize and maximize mutually beneficial resource recovery
- Design existing processes and assets to optimize efficiency and upcycling opportunities
- Invest in farm viability, longevity and resilience by bolstering ecosystem services, enhancing biodiversity and generating economic returns



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