

ENVIRONMENTAL PRIORITIES

GHG EMISSIONS

THE PRODUCTION OF DAIRY PRODUCTS
IN THE U.S. CONTRIBUTES

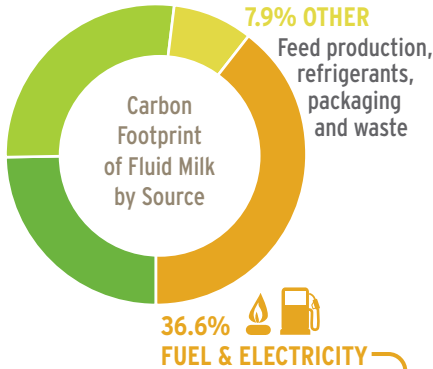
~20% of total U.S.
GHG emissions



25%
ENTERIC

22.7%
**MANURE
MANAGEMENT**

On the farm, feed efficiency
and manure management
present opportunities to
reduce GHG emissions.



36.6%
FUEL & ELECTRICITY

ENERGY

ENERGY USAGE OCCURS ACROSS THE ENTIRE DAIRY VALUE CHAIN.

Opportunities to reduce energy use, GHG emissions and costs exist at every step from farm to fridge through conservation, efficiency and the use of renewable energy.

WATER

DAIRY-RELATED
WATER USE REPRESENTS

~5.1%
of total
U.S. water
withdrawal

Water Usage



93.5% crop irrigation for dairy feed

Management opportunities include:

- Agricultural systems improvements
- Water conservation and recycling
- Wastewater treatment management

3.6% on-farm use

1.0% processing

Sources: Henderson et al., U.S. Fluid Milk Comprehensive LCA, University of Michigan and University of Arkansas, 2012. Thoma et al., Greenhouse Gas Emissions of Fluid Milk, 2010.