

WHY CLIMATE SMART DAIRY IN WISCONSIN?

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AGRICULTURAL & APPLIED ECONOMICS
College of Agricultural & Life Sciences

2023 Wisconsin Agricultural Outlook Forum

January 24, 2022

Madison WI

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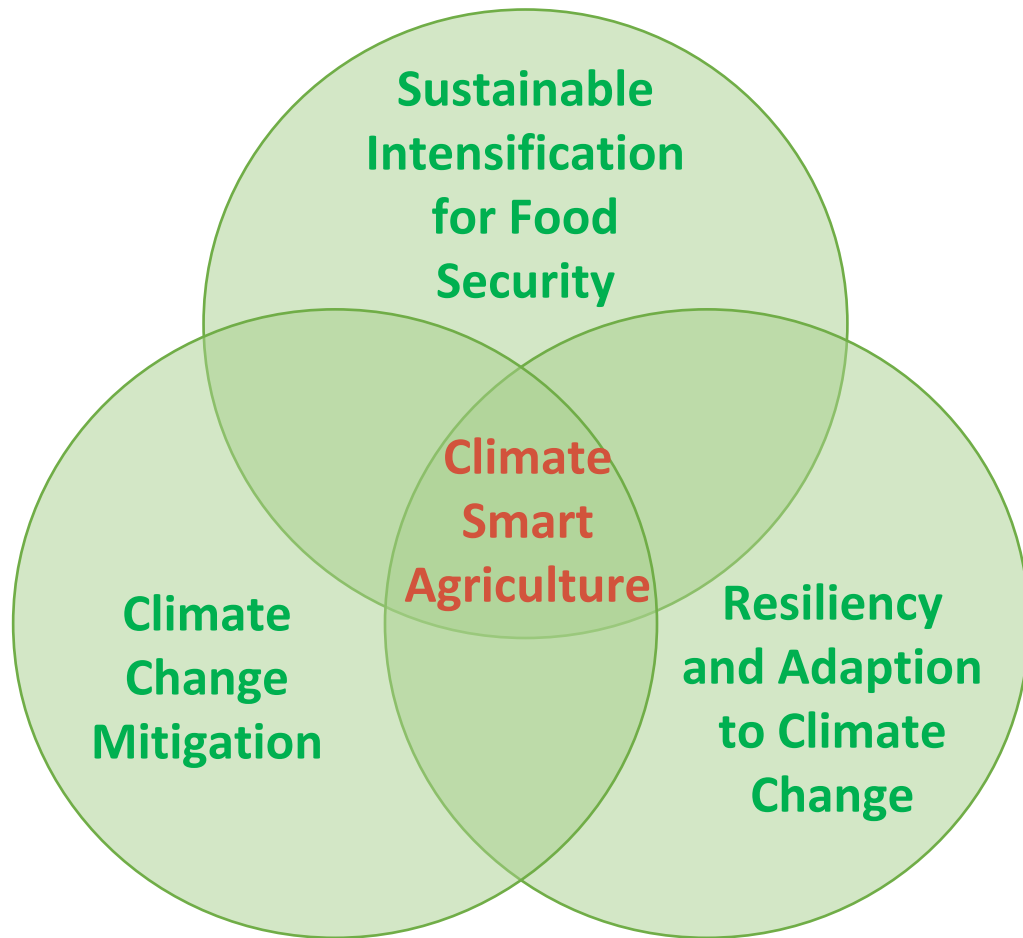


RENK AGRIBUSINESS INSTITUTE
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Division of Extension
University of Wisconsin-Madison

What is Climate Smart Agriculture?



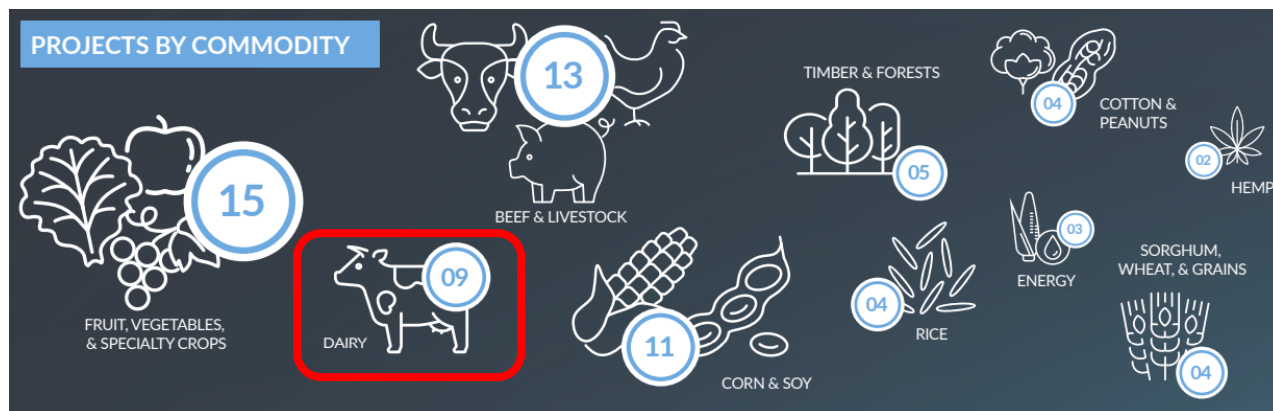
Climate Smart Agriculture Outcomes

- Increased Productivity and Farm Returns
- Improved Input Use Efficiency
- Reduced Greenhouse Gas Emissions
- More Resilient Systems
- Improved Equity and Social Inclusion

Short Answer

- Rebranding of BMP adoption and adding climate change mitigation and adaptation

USDA Partnerships for Climate Smart Commodities



Re-Energize Ag Conservation & Jump Start Carbon Markets

\$3.1 Billion on 141 Projects

- **Edge Dairy Farmer Coop: \$50 M**
- **Organic Valley (CROPP): \$25 M**
- Carbon A List (Danone) \$70 M
- The DeLong Co: \$40 M
- Fox-Wolf Watershed Alliance \$5 M
- Dairy Grazing Apprenticeship \$4.8 M

<https://www.usda.gov/climate-solutions/climate-smart-commodities/projects>

What are they supposed to do?

- Pay farmers to implement climate-smart production practices on working lands
- Measure, monitor and verify carbon and greenhouse gas benefits from these
- Develop markets and promote the resulting climate-smart commodities

Our Goal Today

- Hear from academics and practioners to get us talking to each other about the future and Climate Smart Dairy
 - What are people doing?
 - What's coming?
 - Where does Wisconsin fit in?
 - What are we good at?
 - Where are we behind?

Academics

- Michel Wattiaux, ADS
- John Lucey, Food Sci/CDR
- Frank Mitloehner, UC-Davis

Practioners

- Wade Miller, Organic Valley
- Jamie Fisher, Edge Dairy Coop
- Mark Crave, Crave Brothers

Re-Energization of Agricultural Conservation

Inflation Reduction Act

- \$18 Billion for ag conservation on working lands over 4 years
- EQIP \$8.45 Billion
- Regional Conservation Partnerships \$5 Billion
- Conservation Stewardship Program \$3.25 Billion
- Ag Conservation Easement Program: \$1.4 Billion

Wisconsin Initiatives

- Dairy Innovation Hub: Stewarding Land & Water Resources Priority
- New Extension specialist funding
- Producer-Led Watershed Groups
- Commercial Nitrogen Optimization Pilot Grants
- Crop Insurance Rebates for Planting Cover Crops