

Planet-Smart Dairy



Tremendous Progress...



45% reduction in the carbon intensity of California milk

Shrinking Footprint

**Efficiency
Remains
Key**

Producing MORE with Less



Land



Water



Fossil Fuel



Energy



Fertilizer
/Pesticides



Proven Strategies for Reducing Dairy Methane



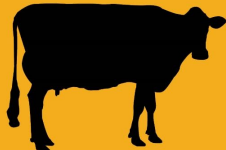
Digesters



Alternative Manure Management



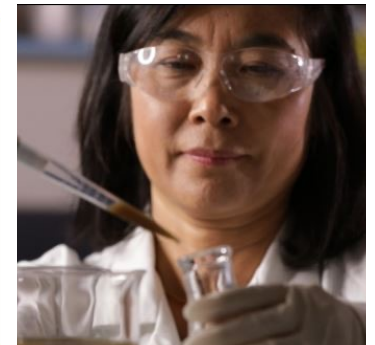
Enteric Methane Reduction



Efficiency



Research



Progress to Date



Digesters

- 145 Total Projects
- (117 DDRDP-funded)
- (135 Total since 2013)



**Total GHG
Reductions:
23.2 Million
MTCO₂e
Over 10 years**



Alternative Manure Management

- 144 Total Projects since 2013
- (114 AMMP-funded)

Tremendous Investment

Collectively Approaching \$2 Billion



Multiple Policies Supporting Methane Reduction

**Grant
Funding**



CA Dept. of Food & Agriculture

CA Energy Commission

CA Public Utilities Commission



**Procurement/
Program
Support**



BioMAT

Low Carbon Fuel Standard

RNG Procurement

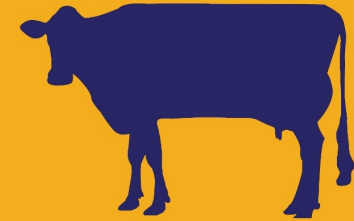
Interconnection Assistance

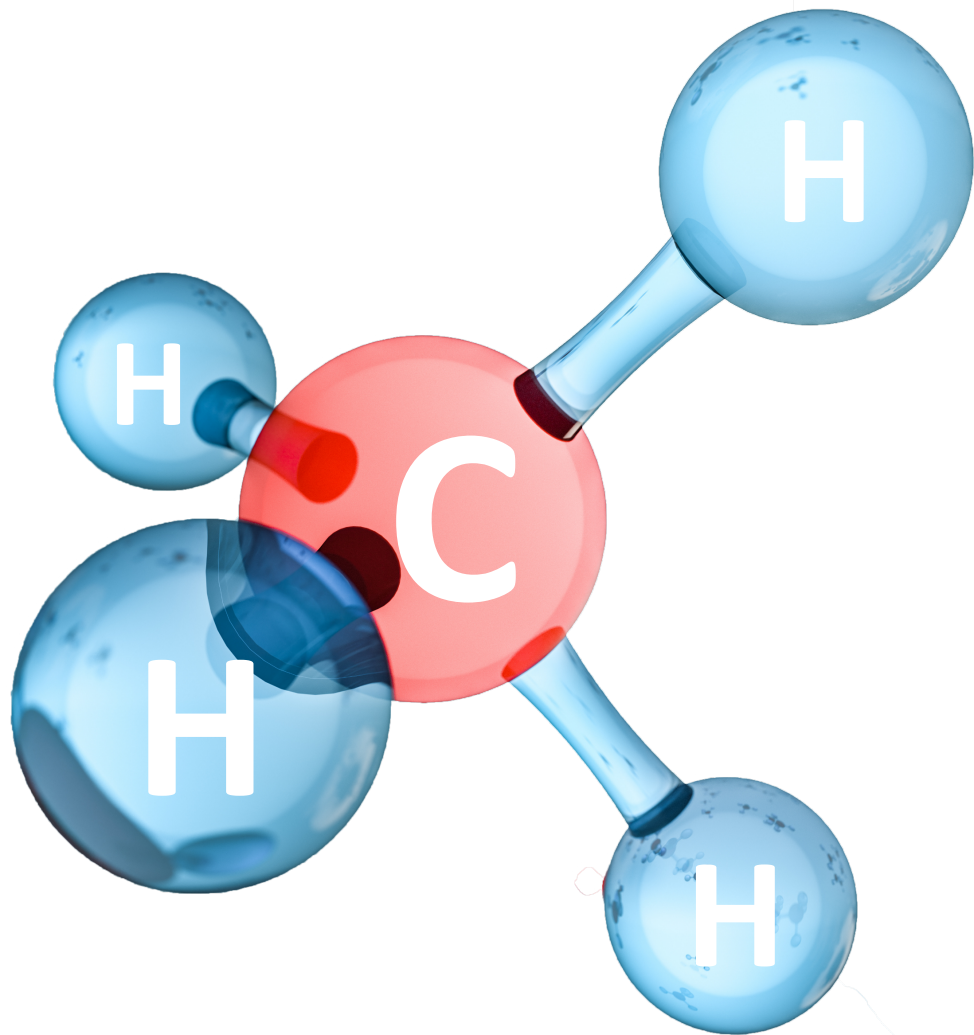
Net Energy Metering

Cap-and-Trade Offsets



**Dairy Farm
/ Private
Investment**





Rethinking Methane

Super Pollutant
or
**Super
Opportunity?**

“Quickly reducing methane could counteract global warming, while also improving air quality.”
- Maisa Rojas Corradi, IPCC Report Author





Thank you!

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PLANET-SMART DAIRY

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