

Planet-Smart Dairy



1,000 family dairies lost

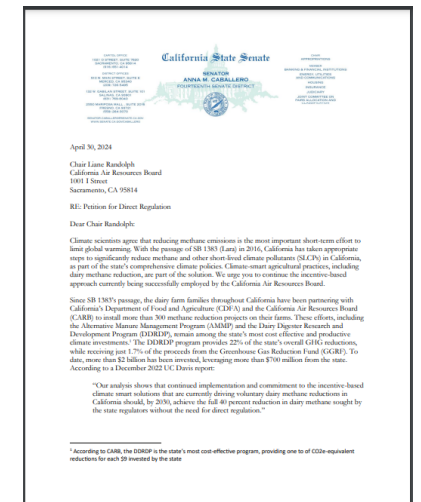
Direct regulation is
counterproductive.

Who supports current incentive-based approach?

All 8 San Joaquin Valley counties on record. Read the resolutions & letters at climatesmartagca.com/community

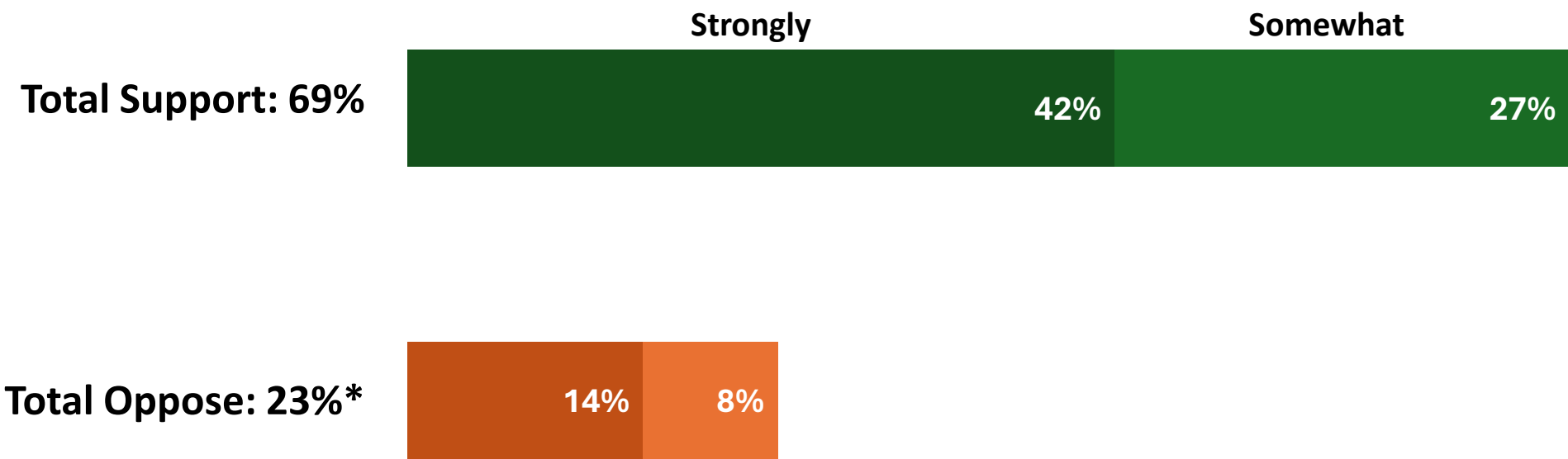


Key San Joaquin Valley and state legislators.



Nearly 7-in-10 voters support climate incentives to California dairy farms, specifically.

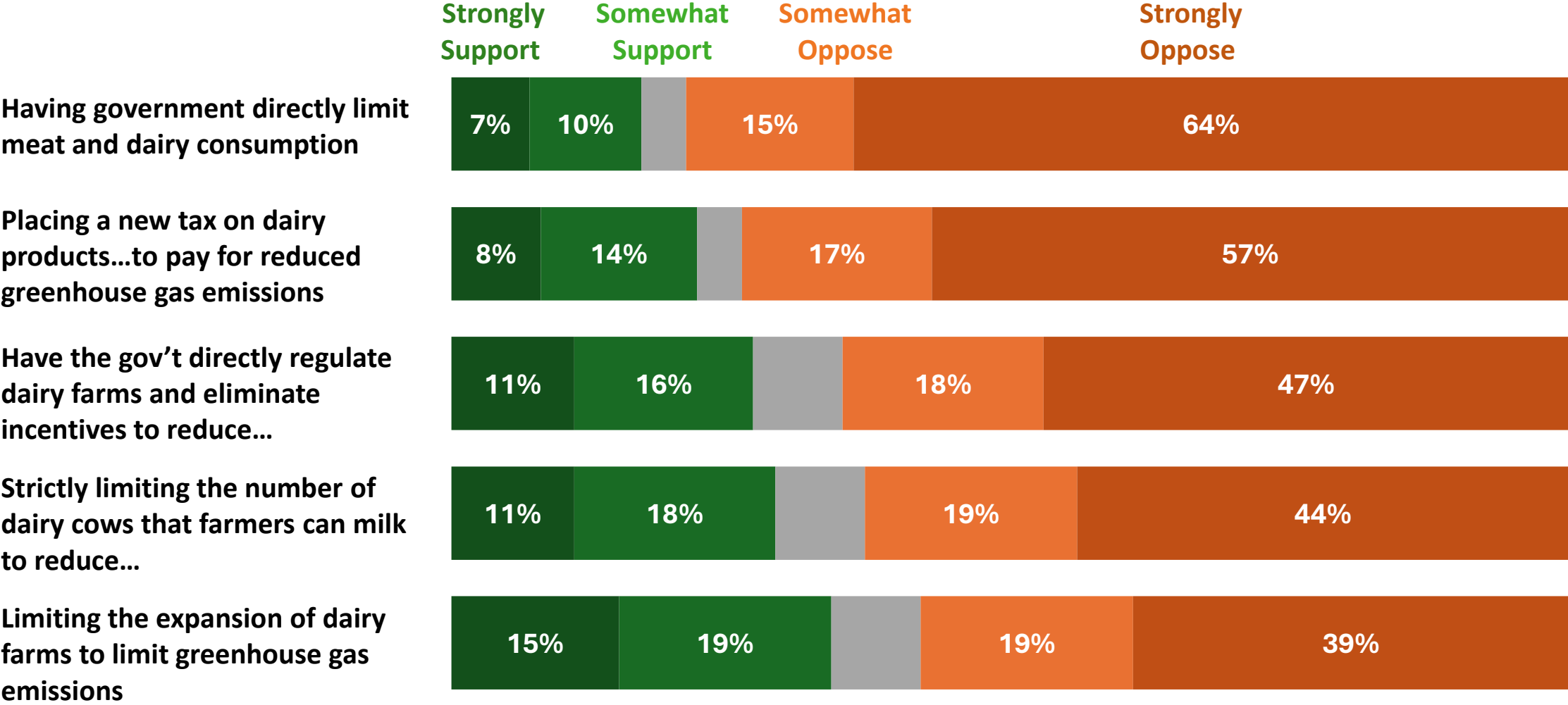
Thinking specifically about these climate incentives to the dairy farms, do you support or oppose them?



	Democrats	Republicans	NPP/Other
Total Support	80%	43%	73%
Total Oppose	13%	46%	18%

Policies to create alternatives to or eliminate climate incentives to dairy farms meet with broad and strong opposition.

Do you support or oppose these proposals related to dairy farming and climate issues?





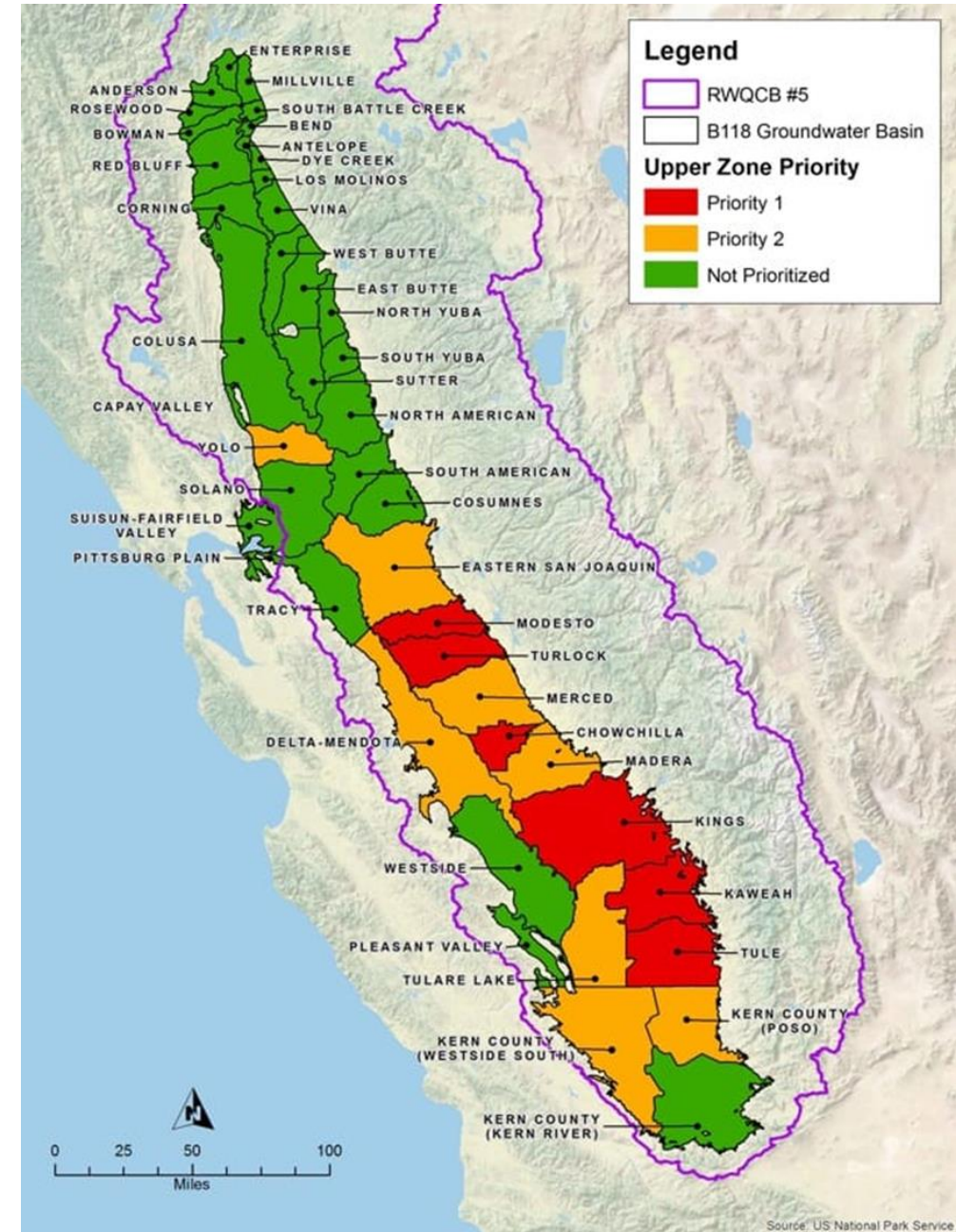
Largest Groundwater Monitoring Network

- 440 wells
- More than 44,000 samples so far



Nitrate Management Zones

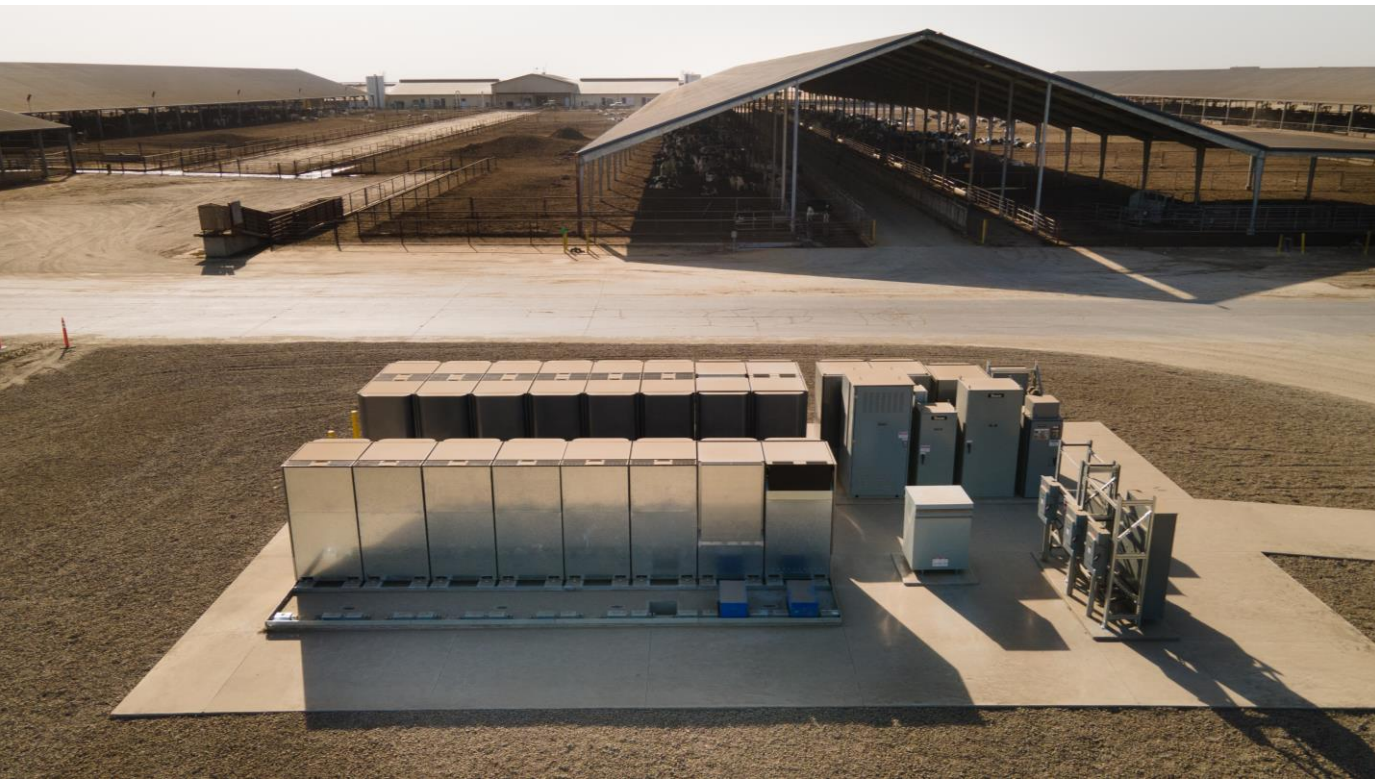
- Free well testing
- Free replacement drinking water
- Six community botting filling kiosks



BAR 20★DAIRY

2023 Innovative Dairy Farm of the Year –
International Dairy Foods Association

2022 Outstanding Dairy Farm Sustainability –
Innovation Center for U.S. Dairy





Bloomenergy®





Efficiency Remains Key

Producing MORE



with fewer cows and less



45% Less GHGs



88% Less Water



89% Less Land



Less Fossil Fuel



Less Energy



Less Fertilizer
and Pesticides







Reducing methane emissions while improving water quality outcomes





California
dairy sector
provides
180,000 jobs



San Joaquin Valley Air Pollution Control District Electrified Dairy Feed Mixing Program

- 17 projects have been implemented on CA dairies
- Total annual emission reduction of 164 tons
- Equivalent to removing 1,000 heavy-duty trucks from the road
- Four more projects are under construction, and 11 more applications are under review.

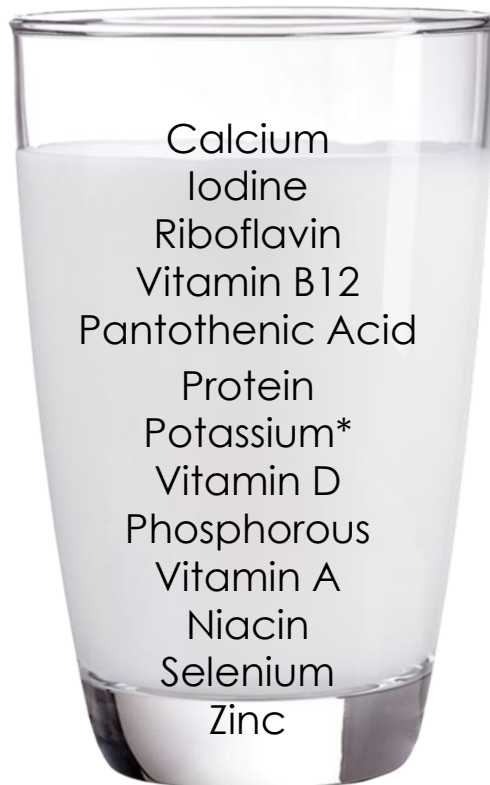




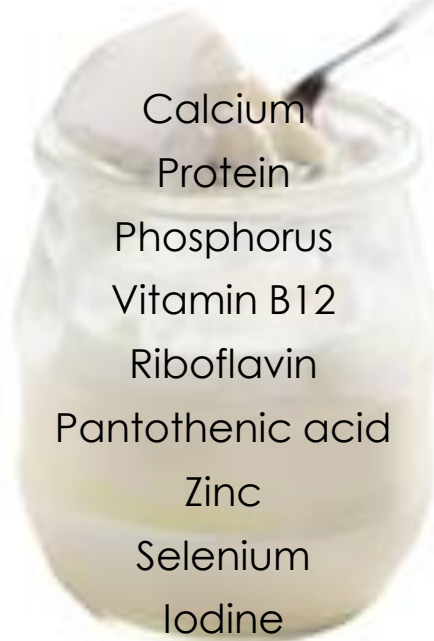
Dairy Nourishes Lives

Critical Source of Nutrition

13 essential nutrients



9 essential nutrients



8 essential nutrients



Feeding Local Families in Need

- One in 5 Californians have uncertain or inconsistent access to food.
- In 2023, California dairy organizations collectively donated more than **3.6 million pounds of dairy products** to local food banks.

Percent of total population in poverty, 2021:



“Milk is central to many Californians — and it’s one of the most coveted items sought by food bank visitors. California dairy families’ partnership and contributions help source nutritious milk and dairy foods for families facing food insecurity throughout the state. We are grateful to California dairy farmers and the California Milk Advisory Board for their commitment to providing more dairy to those who need it most.”

**- Stacia Levenfeld, CEO,
California Association of Food Banks**



Dairy Helps Nourish Communities by...



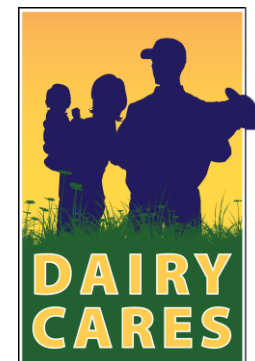
LOOK FOR THE SEAL.
California Milk Advisory Board

- Pilot projects delivering product and refrigeration resources to food banks
- Partnership with Raley's Food for Families program
- First 1,000 Days initiative- improving food access for families with young children
- Let's Eat Healthy initiative- empowering students and communities through nutrition education





PLANET-SMART DAIRY



Michael Boccadoro
Executive Director
Dairy Cares

Factory Farms

Mega Dairies

Industrial Dairies

Factory Farm Gas

“These projects are estimated to achieve 2.45 MMTCO₂e in annual methane emission reductions at a cost of approximately \$29 per MTCO₂e, with approximately \$9 representing state investment. Importantly, 67% of project funds provide jobs, economic environmental, and financial benefits to priority populations.”

- CARB and CDFA Petition Response

May 30, 2024

“[Dairy digester] project co-benefits may include nuisance reduction (odor, flies, pathogens, weed seed), fossil fuel reduction or replacement, energy and fuel cost savings, renewable fuel and energy generation, compost production, fertilizer reductions, direction of biomethane to hard-to-decarbonize sectors, and local and remote criteria pollutant reductions. The DDRDP program also promotes surface and groundwater quality protection by requiring digester designs that meet the most stringent water quality protection requirements.”

- CARB and CDFA Petition Response
May 30, 2024

More than 400 Dairy Methane Reduction Projects Deployed



Dairy Digesters



Reducing
+24.56 Million
MTCO₂e
over 10 years

**140 Projects Funded
by the DDRDP**

238 Total CA digesters
capturing methane from 259 farms

Alternative Manure Management



Reducing
+4 Million
MTCO₂e
over 10 years

220 Projects

(168 projects funded by the AMMP,
12 Dairy Plus-funded + 40 privately-
funded projects)



A little gassy.....
Need money for
Tums!