

# Planet-Smart Dairy



# California Senate Bill 1383



## Collaborative, Incentive-Based Approach

40% reduction

Regulation “if needed” only after  
2024

Initial Focus on Manure  
Methane

*Emerging Focus on Enteric*

**Pictured Left to Right:**

Dairy Farmer, Eric Te Velde  
CDFA Secretary, Karen Ross

Senate Bill 1383 Author Ricardo Lara

# California's comprehensive approach to methane reduction



**Efficiency &  
Attrition**



**Methane Avoidance  
(Alternative Manure  
Management)**



**Methane Capture  
& Utilization  
(Digesters)**



**Enteric Methane  
Reduction**



**Research &  
Innovation**



# California's World-Leading Dairy Methane Reduction Efforts



## Dairy Digesters



Reducing  
**+24.56 Million**  
MTCO<sub>2</sub>e  
over 10 years

**140 Projects**

(Projects funded by the Dairy Digester  
Research and Development Program)

## Alternative Manure Management



Reducing  
**+2.66 Million**  
MTCO<sub>2</sub>e  
over 10 years

**216 Projects**

(170 projects funded by the Alternative  
Manure Management Program, 15 Dairy Plus-  
funded + additional projects)

# Tremendous Investment

Collectively Exceeding \$2 Billion



# Multiple Policies Supporting Methane Reduction

Overall Goal: Profitable Revenue Stream



# ADAPTING WITH CALIFORNIA'S TRANSPORTATION EVOLUTION



# Lessons Learned

1. Voluntary, incentive-based approach works
2. Financial incentives and stable markets necessary
3. Dairy methane reduction efforts evolving with state goals
4. Projects provide tremendous environmental co-benefits







# Thank you!

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**PLANET-SMART DAIRY**

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