# 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:**

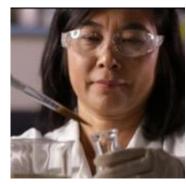
Dairy Farmer, Eric Te Velde CDFA Secretary, Karen Ross Senate Bill 1383 Author Ricardo Lara

#### California's comprehensive approach to methane reduction



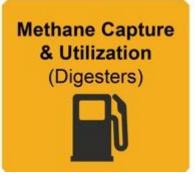














Research & Innovation

### **Dairy Digesters**

# California's World-Leading Dairy Methane Reduction Efforts







**140 Projects** 

(Projects funded by the Dairy Digester Research and Development Program

# Alternative Manure Management





Reducing +2.66 Million MTCO2e over 10 years

**216 Projects** 

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

#### **Tremendous Investment**

# Collectively Exceeding \$2 Billion





#### Multiple Policies Supporting Methane Reduction

Overall Goal: Profitable Revenue Stream



methane reduction credits

#### 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





#### PLANET-SMART DAIRY

# Thank you!

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