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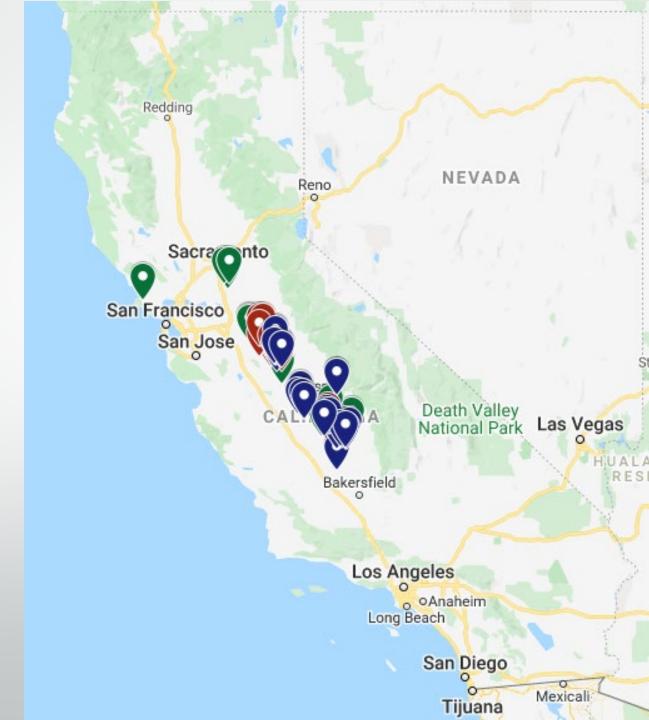


# CEC IPER Renewable Natural Gas Workshop

"Renewable Energy that Works"

## Maas Energy Works

- Maas Energy Works, Inc.
  - Founded in 2010
  - 27 digesters constructed or refurbished in CA
  - 18 sites in pre/full development
  - 29 sites in construction
  - Largest West Coast developer of dairy digesters (~\$100M install base)





2010 — present (Aug 2021)
Accomplishments across California, Texas, Idaho, Nebraska, Wisconsin, and
Michigan

#### **Digesters**

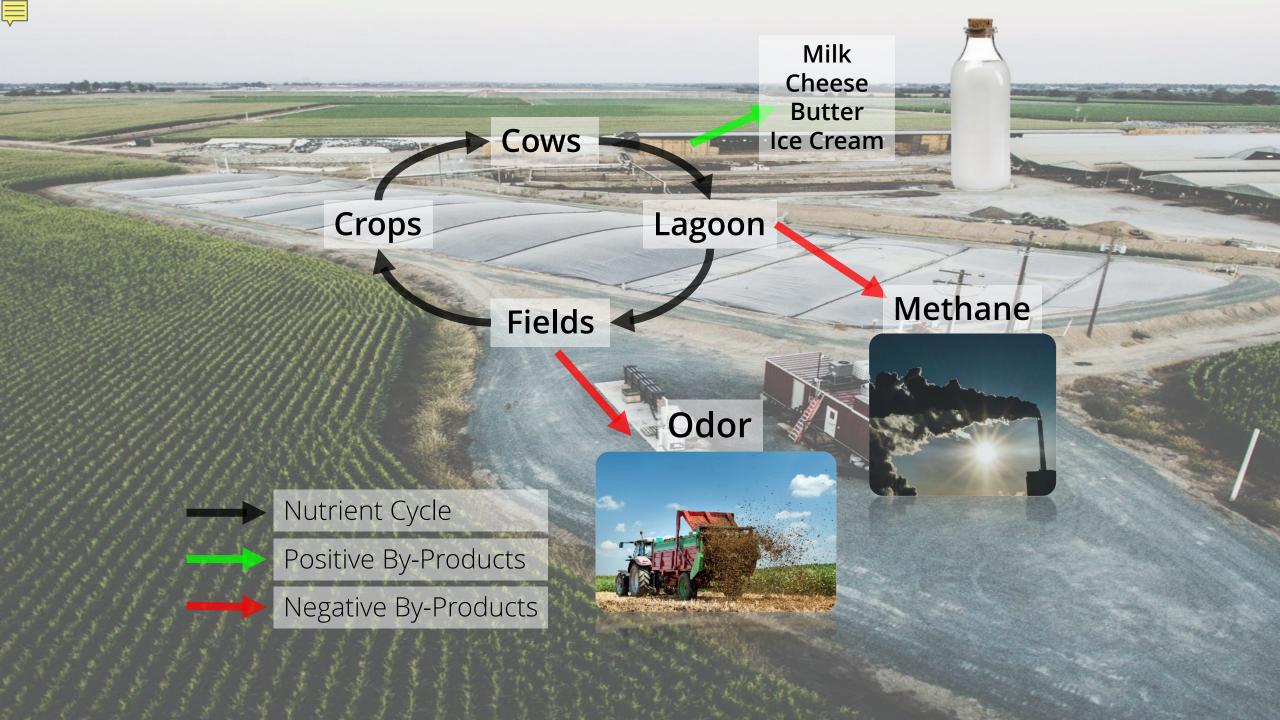
- 31 digesters in steady operations.
- 28 digesters in development or construction.
- 5 retrofitted existing sites.
- 2 refurbished digesters.

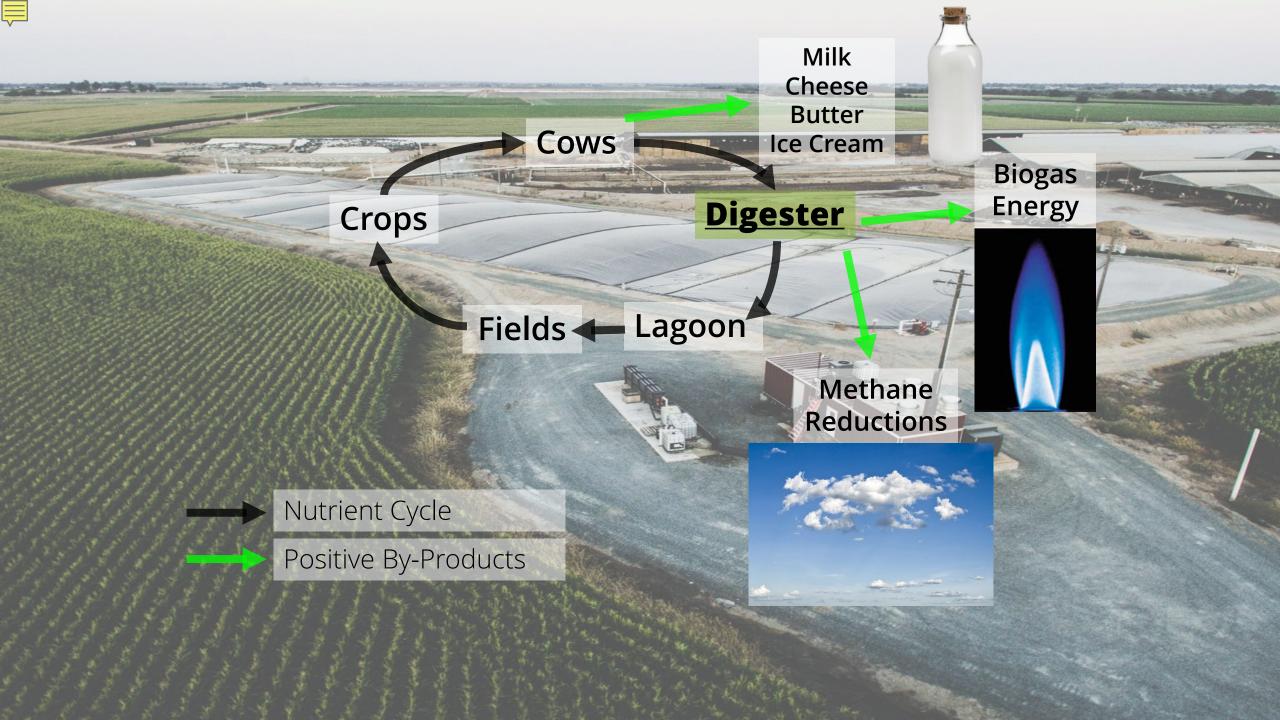
#### Bio Methane Injection Facilities

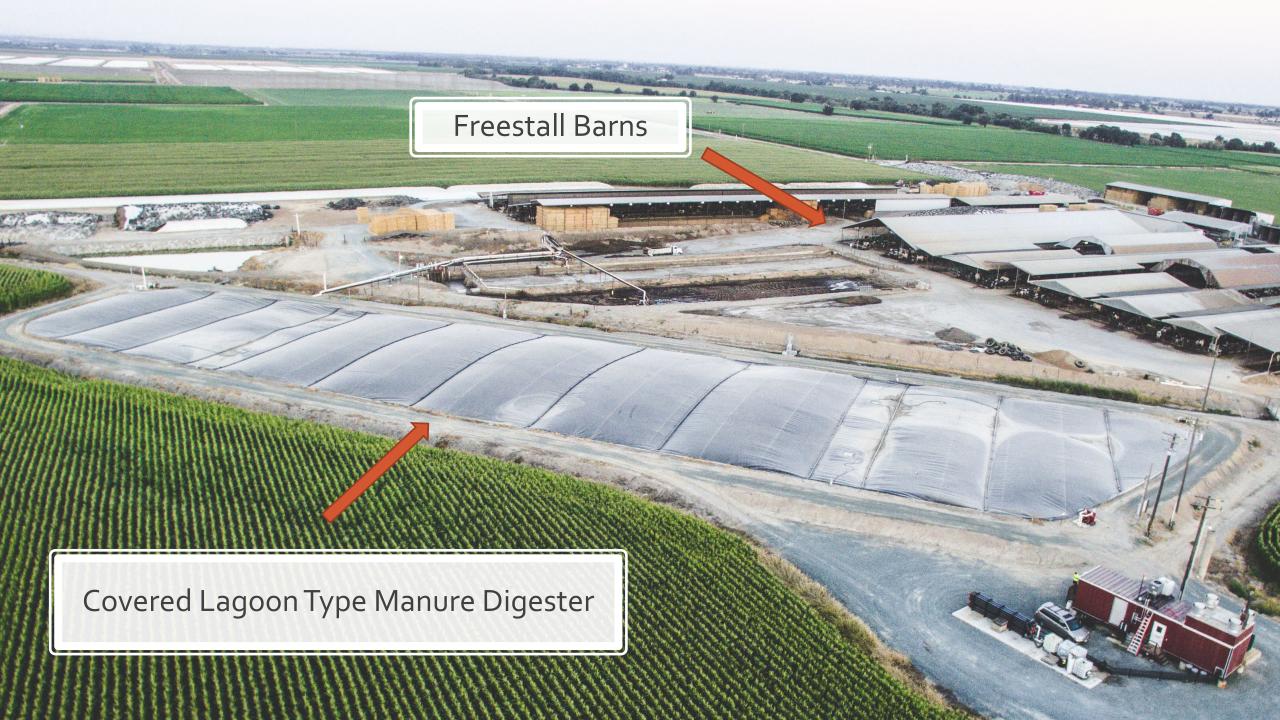
- 5 operational bio methane injection facilities.
- 9 in development.

#### In House

80+ employees across
 Redding, Pennsylvania,
 Central Valley and Los
 Angeles







## Pipeline





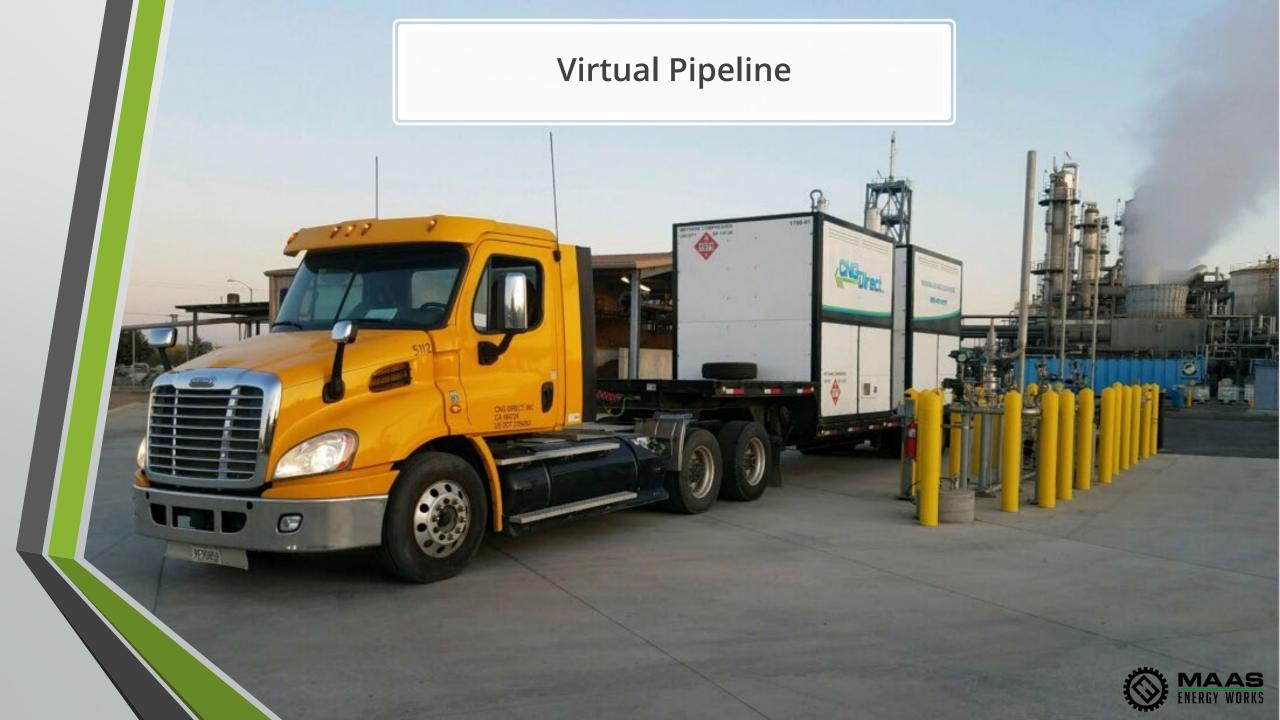


#### De Boer Dairy Fern Oaks Farms Tipton, CA Ave. 144 Schott Dairy Mario Simoes Family Dairy JR Dairy Sousa & Sousa Dairy Avenue 128 Dairy Northstar Dairy Smithfield Farms (Pigs) Pixtey Dairy Vanderham West Circle A Dairy 4J Farms Pixley, CA Legacy Ranch K&M Visser Dairy Riverview Dairy **Existing Constructed Biogas Pipeline** (Phase 1) Planned Biogas Pipeline Permitted Biogas Pipeline (Phase 2) Proposed Minor Modification Expansion County ROW (Phase 2) Proposed Minor Modification Roadways

### Calgren Dairy Fuels Cluster

- Maas Energy Works
   Lead Developer
- 13 Digesters online injecting RNG to SoCalGas Pipeline
- Expanding to 20+ total dairies
- ~4M GGE/year CNG







## RNG Growth in California in Diesel Gallon Equivalents (DGEs)



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Supporting Partners:





## Thank You!

Daryl Maas

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