



Biogas: Pro-Economy & Pro-Climate *Growth in All Shades of Green*

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The US Biogas Market



Current

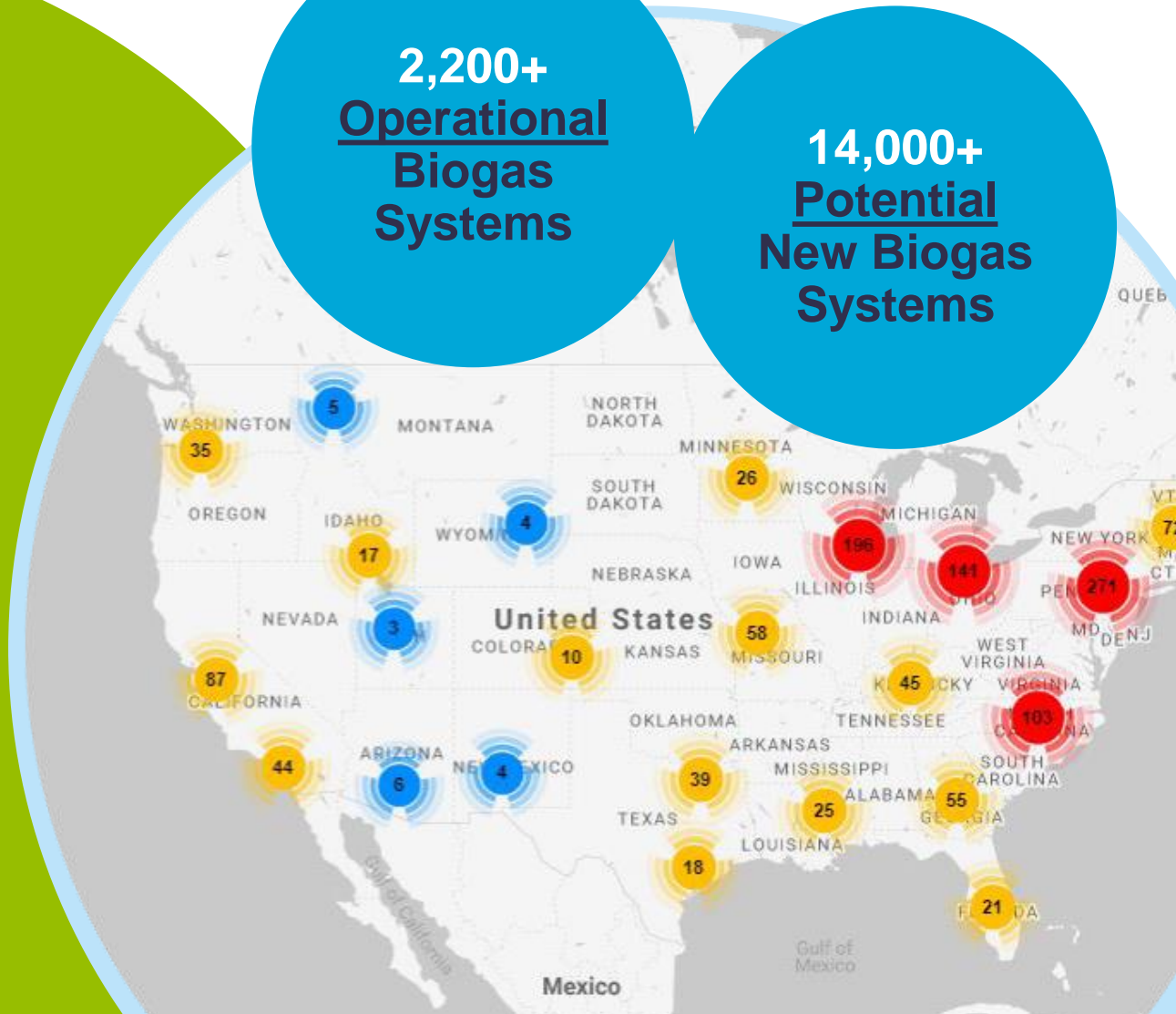
253 on Farm
1,269 Water
66 Food Scrap
645 at Landfills

Potential

8,300 on Farm
4,000 Wastewater
1,000 Food Scrap
440 at Landfills

2,200+
Operational
Biogas
Systems

14,000+
Potential
New Biogas
Systems



With what infrastructure will we manage:

66,500,000 TONS of food waste each year

The sludge from 31 BILLION gallons of wastewater EVERY DAY

The manure AND NUTRIENTS from 8 BILLION cows, chicken, turkey and pigs



Biogas/AD Systems Are Worth It

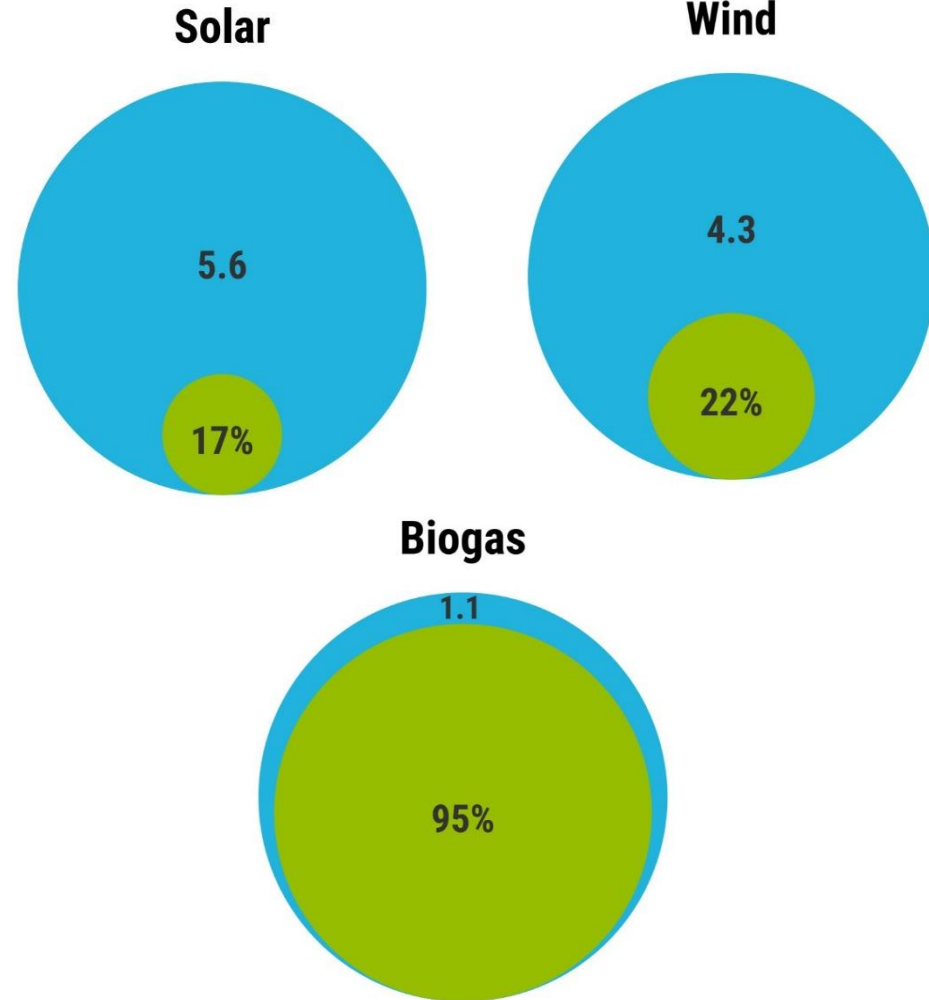


Capacity factor:

- Solar: 17% (EIA, NJ)
- Wind: 22% (average worldwide)
- Biogas/AD: 95% (DOE, UW)

How much are the non-energy benefits worth?

- Waste management
- Nutrient recycling
- Reduced or negative GHGs
- Revenue “insurance” for farmers
- Odor reduction
- Soil health



Energy Delivered



Electric Grid



Gas Grid

Policy



**Renewable Fuel
Standard**

**Farm
Bill**

Infrastructure

**Tax
Extenders**

Climate

**Ag
Approps**

Watershed Protection

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