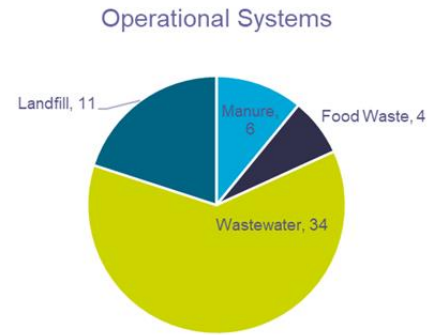
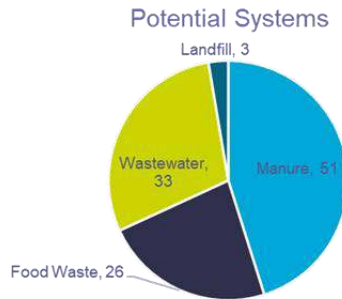


# OREGON

## BIOGAS STATE PROFILE



Oregon ranks **33<sup>rd</sup>** out of 50 states for its biogas production potential. We estimate up to 10.23 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



## THE POWER OF 15.99 BILLION CUFT OF BIOGAS:

### ENERGY POTENTIAL:

- **857 million kWh** electricity and **334 million BTU/h** heat (engine); OR
- **1433 million kWh** electricity and **2388 million kWh** heat (fuel cell); OR
- **132.9 million gge** fuel; OR
- **75 million kWh** heat.

### ECONOMIC GROWTH:

Constructing 113 new systems would generate about...

- **\$340 million** in capital investments,
- **2832** construction jobs, AND
- **188** permanent jobs.

### REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **452 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **62500** acres of forest, OR
- Removing **1010 thousand** cars from the road.

### BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
<b>Manure (total)</b>	3.2 million tons/yr	6.7 billion cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	3.2 million tons/yr	
<i>Swine</i>	16000 tons/yr	
<i>Turkey</i>	-	
<b>Food Waste</b>	1.31 million tons/yr	7.18 billion cuft/yr
<b>Landfill</b>	-	-
<b>Wastewater Facility*</b>	360 gallons/day	2.08 billion cuft/yr
<b>Total Biogas</b>	-	15.99 billion cuft/yr

\*Wastewater facility greater than 1 MGD