

# CleanLane:


## Creating good things from waste

As a facility designed to recover more resources from the waste stream, CleanLane reduces the amount of material sent to the landfill. It takes food waste and recyclables out of the garbage before it goes to the landfill. Less in the landfill means a longer life. Plus, it reduces greenhouse gases emissions.

CleanLane uses a proven method to efficiently handle solid waste to:

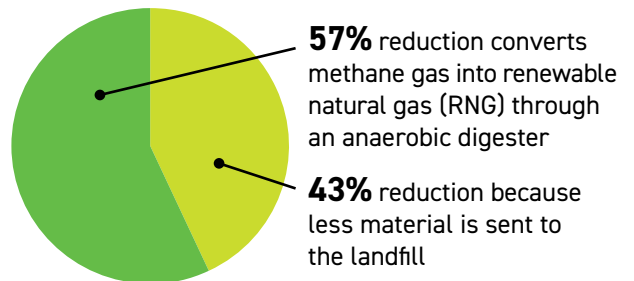
- capture more recyclables
- reduce greenhouse gases
- extend the life of the landfill

All good things!

A blue circular graphic with a gear-like border and the text "Proven method" in white.


Landfill (open air facility)	compared to CleanLane (covered recycling and anerobic digester buildings)
Haulers deliver garbage to landfill	Haulers deliver garbage to CleanLane
Co-mingled recyclables go to private companies, which remove high value recyclables and send the remainder out of the area for processing	Co-mingled recyclables and <b>recyclables recovered from the garbage stream</b> will be sorted and marketed locally
All waste goes to landfill	<b>Pull food/organic waste and send to anerobic digester.</b> This is anticipated to be 50% of waste.
EPUD captures 65-70% of methane to generate electricity and will continue to do so until 2041 when available methane will decrease by 5% compared to 2024.	<b>Anaerobic digester captures more than 90% of methane</b> to generate recyclable renewable gas (RNG) for transportation fuel
Waste delivered from CleanLane	Deliver <b>less waste to Short Mountain</b>

### Removing greenhouse gases



Percentages are based on net benefit of CleanLane over Short Mountain Landfill. Some 4.3 million MT CO<sub>2</sub>E\* will be removed. **That's the equivalent of taking 20,000 – 30,000 cars off the road each year.** Emission reductions from vehicles nearly double because fossil fuels are replaced with biogas produced at CleanLane.

\* MT CO<sub>2</sub>E = Metric tons of methane's carbon dioxide equivalent.  
One metric ton = 2,204.6 pounds.

A blue circular graphic with a cloud-like border and the text "Reduces greenhouse gases" in white, with "CO2" below it.

**Reduces greenhouse gases**

**Methane** is more than 28 times as potent as carbon dioxide in trapping heat in the atmosphere.

# Lane County residents get a deal

## Contributing \$35 million to a \$150 million project

Bulk Handling Systems, a local company, will pay 70% of the costs of the CleanLane facility. It has 48 years' experience designing, manufacturing and installing systems to increase efficiencies in processing waste. Its systems operate throughout the world, and the Lane County facility will serve to showcase its state-of-the-art technology to potential buyers. Bulk Handling will qualify for a \$15 million federal tax rebate for its portion of project costs.

	Lane County: <b>30%</b>	Bulk Handling: <b>70%</b>
Land, building, site development	\$35 million	0
Anaerobic digester and building	0	\$15 million
Equipment	0	\$100 million
Total cost: \$150 million	<b>\$35 million</b>	<b>\$115 million</b>

## How will Lane County pay for its part?

These costs will be funded by a bond issued in fall 2024. The bond will be repaid with revenue from tipping fees, which are collected from waste haulers based on the weight of waste delivered to the landfill (now) or CleanLane (in the future). No property taxes will be used.

Now, the tipping fee pays for the cost to operate the landfill, the transfer station system countywide, the hazardous waste program, the nuisance abatement (illegal dumping clean up) program and waste reduction and recycling programs. Modest increases in the fee will pay for CleanLane's operation.



The Waste Management Division of Public Works is supported entirely by the Solid Waste Disposal Fund, which is funded by tipping fees paid by waste haulers. It pays for all of the operational activities of the Waste Management Division and accumulates reserves for future costs associated with development and long-term environmental management of the Short Mountain Landfill.



## Timeline

- 2015**
  - State requires materials recovery goal starting in 2025
  - Lane County selects 63% recovery rate, currently at 49.7%
- 2020**
  - Lane County's Climate Action Plan identifies Short Mountain Landfill as highest contributor (77%) of greenhouse gases from county's operations
- 2022**
  - Lane County issues RFP for Waste Recovery Facilities to meet or exceed 63% recovery goal
- 2023**
  - Bulk Handling selected
  - Lane County purchased property in Goshen for facility
- 2025**
  - Construction begins
- 2026**
  - CleanLane becomes operational

