



LANE COUNTY

INTEGRATED MATERIAL AND ENERGY RECOVERY FACILITY (IMERF)

Lane County is seeking project funding to construct a state-of-the-art Integrated Material and Energy Recovery Facility (IMERF). Currently, waste has been trucked from Short Mountain Landfill to treatment plants. The project aims to reduce greenhouse gas emissions from the County landfill, increase the diversion of marketable materials from the landfill, and create local jobs and sustainable economic development.

The new facility would:

- Recover over 70% of materials;
- Process single stream recyclables that will local capacity and reduce long haul shipments for processing;
- Recover and convert organic waste to be turned into renewable natural gas through anaerobic digestion;
- Divert over 110,000 tons of material from the County's landfill for processing and would serve as a regional recycling hub for SW Oregon; and
- Produce 1,300,000 diesel gallon equivalent per year of renewable natural gas



Bulk Handling Systems (BHS) has built some of the largest and most durable Material Recovery Facilities. The Public Private Partnership between BHS and Lane County envisions a new facility for processing and recovery of commodities for sale and reuse. Lane County and BHS are currently working together on a 30% design for the facility to finalize the site location. The estimated \$100 million project

will be built at or near the Short Mountain Landfill. Additional funding is needed to offset the capital cost. BHS is moving forward with the financing of the \$70 million worth of equipment. Lane County is seeking federal funding to pay for the construction of the facility that will house the equipment amounting to \$30 million. The economic revenue from plant operations would be more than \$30 million annually, with the estimation of creating more than 90 high-paying manufacturing and construction jobs. Facility employment for the next 25 years estimates more than 50 jobs at the facility, paying prevailing wages and benefits.

IMERF would be the most technologically advanced waste processing facility in the country and would utilize technology and equipment built in the USA. Lane County has the highest recycling rate in Oregon (53.8%), which makes it a leader in recycling in the state. The establishment of IMERF would be the most technologically advanced waste processing facility in the world. The facility would recover commodities from solid waste headed to the landfill and process municipal solid waste, single stream recycling, and organic waste. This process would reduce over 100k tons of CO₂ equivalent emissions at Short Mountain Landfill, effectively reducing greenhouse gasses in the area.

**FOR ADDITIONAL INFORMATION PLEASE CONTACT ALEX CUYLER, LANE COUNTY
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