NEWFOUNDLAND & LABRADOR'S BIOMASS OPPORTUNITY

THE WASTE CHALLENGE: CURRENT REALITY & SOURCES

Less than **1%** of organic waste is currently diverted from landfills.

Organics comprise nearly 30% of NL's total annual municipan wate generation.

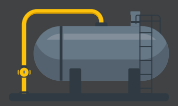


WASTE BREAKDOWN GENERATES 7% OF THE PROVINCES GREENHOUSE GAS EMISSIONS.

DIVERSE BIOMASS WASTE STREAMS REMAIN UNDERUTILIZED ACROSS KEY SECTORS



Forest Wood Residues



Gas Collection Pipes



Municipal Food Waste

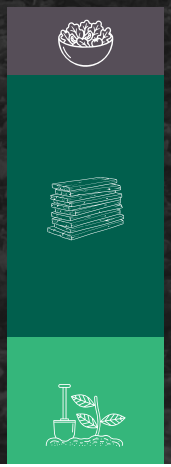


Household Food Waste



Fishing Discards

ESTIMATED LANDFILLED BIOMASS MATERIALS (NL ANNUAL)



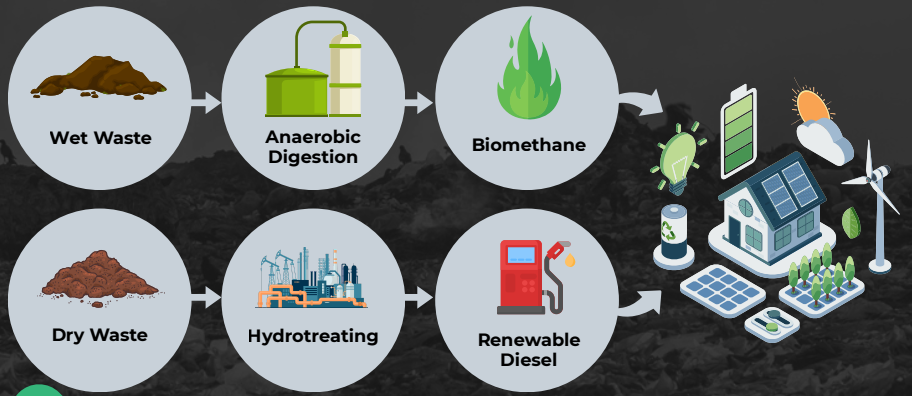
FOOD WASTE (17.5%) | 69,182 MT

PAPER & WOOD RESIDUE (32.0%) | 126,503 MT

YARD, GARDEN & OTHER ORGANICS (8.3%) | 32,812 MT

THE LOW-CARBON SOLUTION: BENEFITS & PATHWAYS

ORGANIC WASTE DIVERSION COULD HELP REDUCE 7% OF ALL OF NL'S GHG'S



DOMESTIC BIOFUEL PRODUCTION DIRECTLY STRENGTHENS PROVINCIAL ENERGY SECURITY

Blending locally produced low-carbon fuels displaces expensive imported product.

econext
Advancing Newfoundland & Labrador's Green Economy

Partially Funded by Natural Resources Canada *Financé partiellement par Ressources naturelles Canada* Canada

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