



# impact

## the problem

In provinces like British Columbia, where construction and forestry dominate the economy, this waste comes from two major sources:

### 4M+ tonnes

from construction, renovation, and demolition (CRD), including framing offcuts and jobsite discards.

### 1.75M tonnes

from logging, deforestation, and sawmilling, where byproducts like bark and shavings often go unused.

### <0.3%

of wood waste is recycled in Canada, most ends up in landfills or incinerators due to high processing costs and limited infrastructure.

## why does it matter?

### methane emissions



from anaerobic decomposition in landfills, releasing CH<sub>4</sub>, a greenhouse gas 84× more potent than CO<sub>2</sub>.



### leachate pollution

when rainwater filters through wood waste, creating toxic runoff that contaminates soil and waterways.



### landfill overload

the sheer volume of discarded wood occupies space and accelerates long-term capacity issues.

