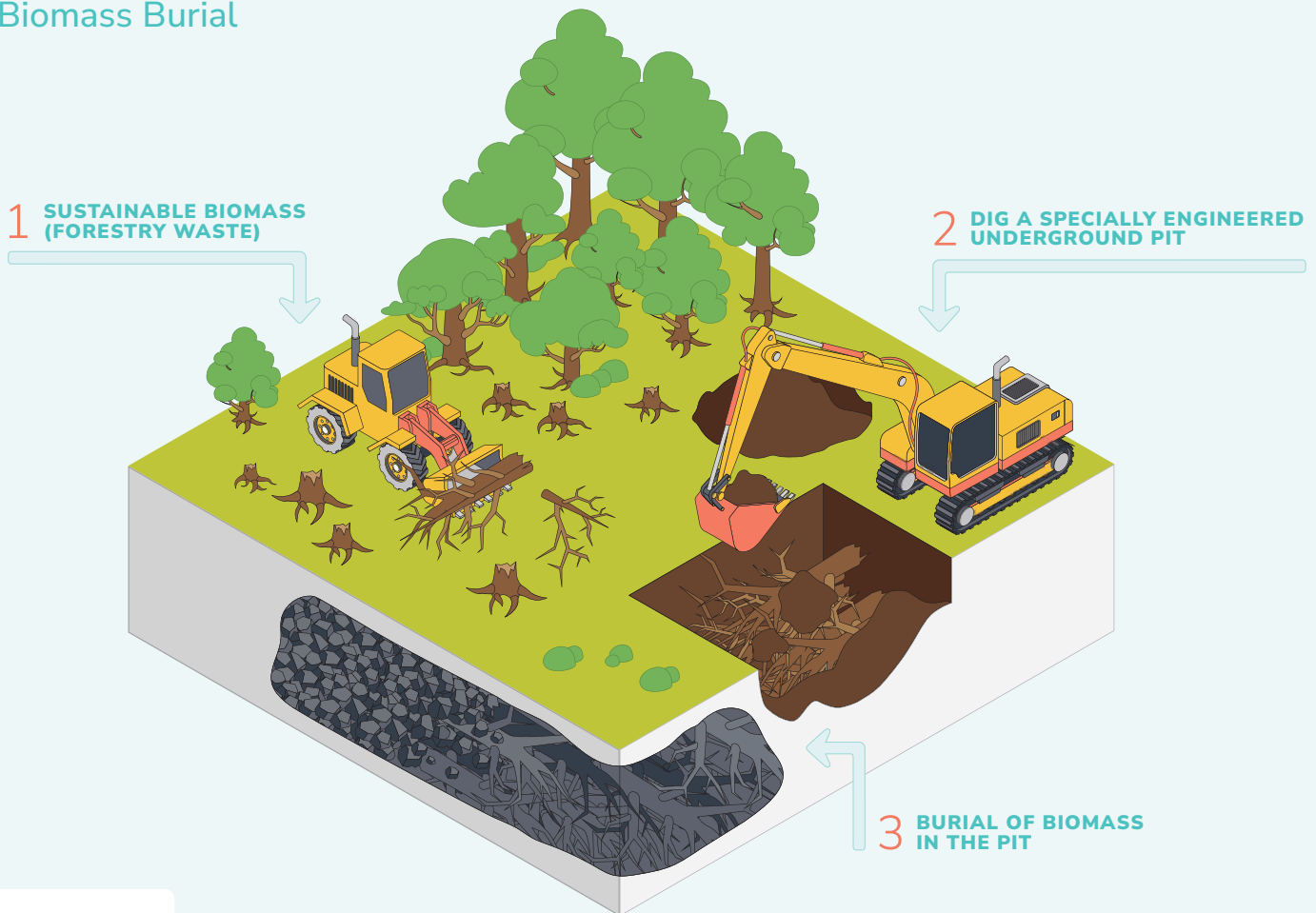


# Carbon removal digs deep to put emissions back in the ground

We can't solve climate change without carbon removal

## Biomass Burial



### QUICK FACTS

Each year, Canada produces over 34 million tonnes of biomass waste, which could annually remove and securely store over 11 million tonnes of CO<sub>2</sub>

## What is carbon removal?

Carbon removal is the process of cleaning up carbon dioxide (CO<sub>2</sub>) already in the atmosphere and storing it away for centuries or longer. Even if we cut emissions significantly, Canada cannot reach net-zero without also scaling carbon removal solutions to counterbalance any residual emissions. Beyond net-zero, carbon removal can help tackle historical emissions and turn back the clock on the worst impacts of climate change.

## What is Biomass burial?

Plant life, like dead trees or leftover crop waste after a harvest, has a secret superpower: they absorb CO<sub>2</sub> over their lifetime. They can now be collected and buried under the ground, pausing the process of re-releasing carbon. This sustainable biomass, whether from a farmer's field or part of forest fire management plans, locks carbon underground - think of it like putting food into your freezer to make it last longer.

