CARBON STORAGE ON LAND

PERMAFROST

500 PETAGRAMS

FORESTS

1500 PETAGRAMS

FOSSIL FUEL RESERVES

1200 PETAGRAMS

CARBON EMISSIONS

2°C THRESHOLD

Humans have 275 petagrams of carbon left to emit to stay on this side of the 2°C threshold.

HALF OF THAT COULD COME FROM PERMAFROST THAW BY 2100.