

NZGA Presentation





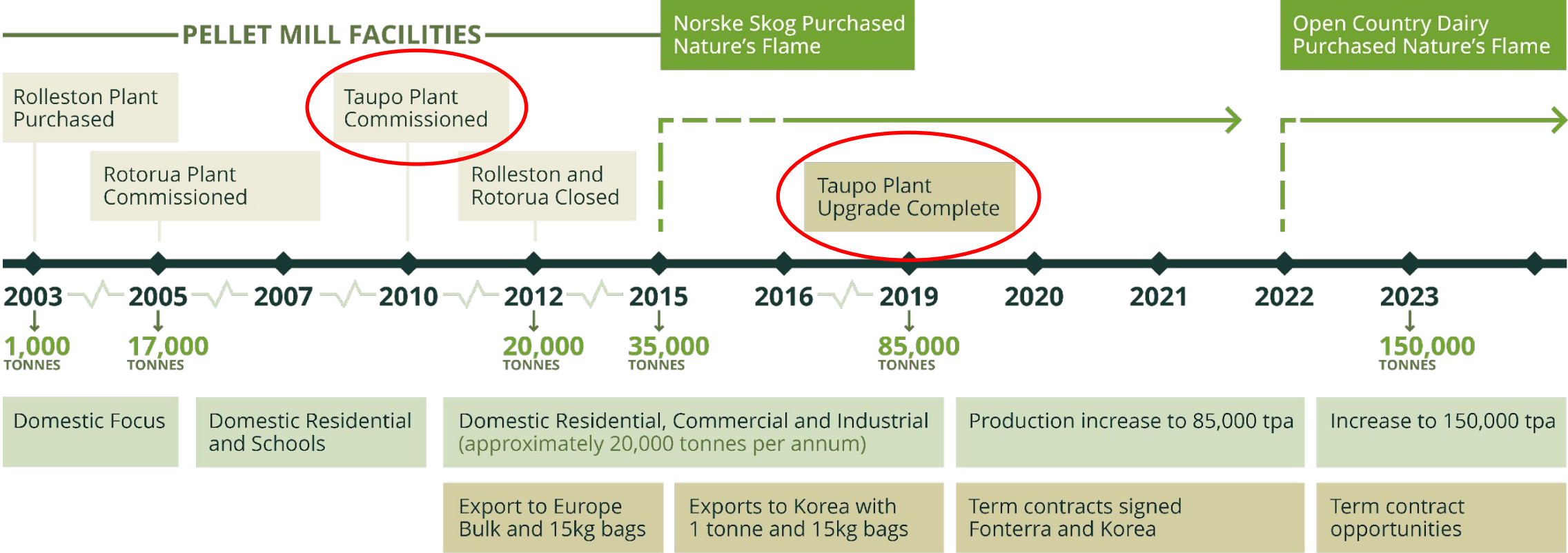
Who is Nature's Flame

Nature's Flame is a producer of wood pellets made from residues from the sawmilling and forestry sector.

These pellets are used in applications from home heating to large industrial process and electrical generation boilers.

Wood pellets can be used to convert coal boilers to a carbon neutral fuel source.

History of Nature's Flame



How We Use Geothermal Energy

150-200°C



150°C



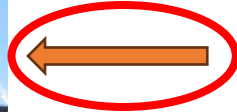
125°C



Heat is reduced through three heat exchanging loops (two heat exchangers) to supply 125°C clean hot water to the drier with 22MW of thermal energy available.



Why We Use Geothermal Energy



Boiler

Geothermal



The advantage geothermal energy provides is raw material that can be used for pellet manufacture is not required to supply a thermal boiler for drying



Global Exports

150,000 mt wood pellets

currently distributed across New Zealand and Globally

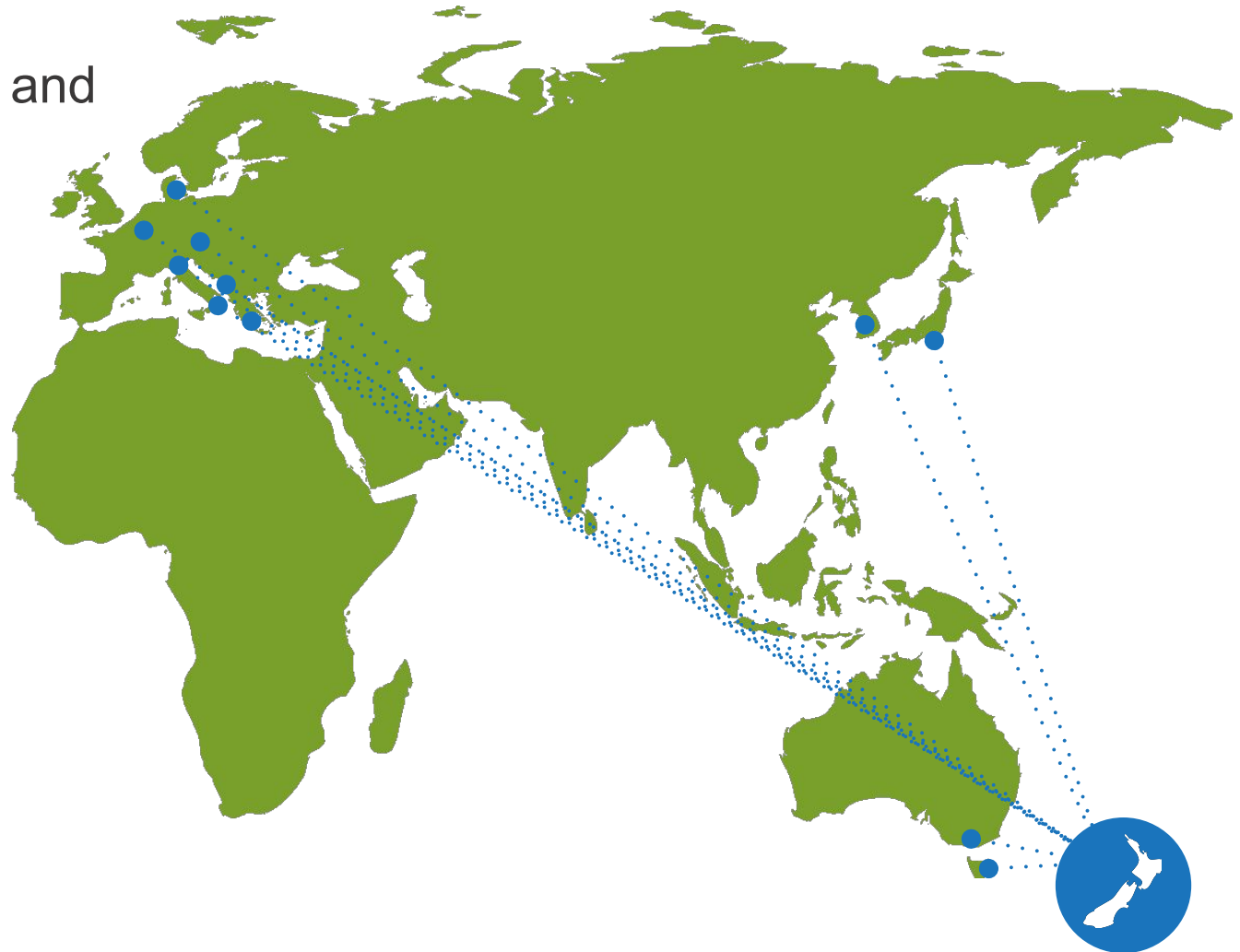
That's a total CO₂e reduction of ~ **258,714 Tonnes/Year** for New Zealand



Equivalent to **108,000 cars off the road**



Reducing **13.14 cm** of CO₂e over the surface of Auckland





Nature's
Flame