



Fonterra: Utilising the world's skills to assist our future



Fonterra is a global dairy nutrition company owned by 10,500 New Zealand farmers and their families. It exports a wide range of dairy products to over 1 billion people from 140 countries. 25% of New Zealand's exports to the world are from Fonterra.

Theresa Wilson (Programme Manager, Less Footprint)
Mike Scarsbrook (Programme Manager- Water)
Francesca Eggleton (Manager, Group Environmental)

Our On-Farm R&D work includes the Less Footprint programme which understands and measures our footprint, develops strategies on how might we reduce it and helps determine our targets and commitments. Three main areas are covered:



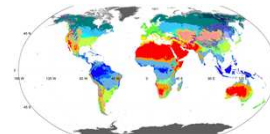
GHG emissions and moving to a reduced emission economy

Land and Water to underpin Fonterra's commitment to improving waterway health

Animal Health and Welfare and science based validation of cared-for-cows



Planting for GHG offsetting



Product footprinting across commercial base



Investing in research for breakthrough mitigation technologies

Impact of climate change for us

Weather pattern changes affecting growth of pasture and other animal feeds influence milk supply to our manufacturing facilities

Access to fresh water for both farms and manufacturing sites (water quality and quantity issues)

Increased risks of extreme events such as floods, forest fires and drought affecting supplier and consumer base



How information will be used

Assist with decisions around location of new infrastructure or investment in upgrading of existing facilities

Change in likely milk supply with shifts in pasture growth and other feeds that will affect use of manufacturing sites

Water access with increasing demand and competition from range of sectors with regulation/trading likely

