Fonterra Engineering Graduate Programme

Rotating through New Zealand Manufacturing and Technical Excellence (6 month rotations)

Who are we looking for?

• Australia or New Zealand citizen or New Zealand Permanent Resident
• Full driver’s licence before start of the programme (end-November)
• Flexible and able to travel across New Zealand

Read our stories and others on www.fonterra.com/earlycareersnz#graduate

Fonterra Engineering Graduate Programme

Technical Engagement Lead - Amsterdam
“IT exposed me to a range of people and roles across the company. Really helped me get an understanding of the diverse range of roles available and get a better idea of what areas I enjoy working in. Coincidently, my FGTP project was based around commissioning (Cream Cheese 3 in Darfield) and I ended up back in that space years later.”

Quinn
Bachelor Science Food Technology
(2018 Cohort)

Advisor to NZ Govt affairs - Wairakei
“The programme set me up for success by giving me a greater understanding of my personal work style, and how to complement this. This was through brain dominance and personality discussion, writing modules and coaching workshops. Perhaps the most important asset the programme has given me is access to a vast network.”

Kiriana Isgrove
Bachelor Biological and Environmental science
(2018 Cohort)

Maintenance Manager - Morrinsville
“I found in this programme the biggest influence is the amount of exposure and practical experience out on site with the multiple product streams. This set me up for success going into the manufacturing environment. In the multiple roles I have been in, ranging from Process Project Manager, Process Team Lead and now Environmental Manager. I have developed a breadth of knowledge & technical capability as well as take advantage of many growth and development opportunities.”

Tahirongo Tuhiwai
Bachelor Engineering Mechanical
(2020 Cohort)

Automation Engineer - Whareroa
“The range of knowledge I gained from the number of experts I met and now work with has helped to develop a broader understanding of the whole Coop and set me up for success. I got to learn what each person values and more importantly what they don’t. This level of relatability/understanding across Fonterra is not something I would have been able to gain so soon without FGTP and is something that will be handy for the rest of my career.”

Gabbi
Bachelor Engineering – Mechatronics
(2021 Cohort)

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Introducing the Fonterra Engineering Graduate Programme
Programme length - 18-24 months

Overview

Receive the best start to your career as a future leader in Fonterra Engineering. Benefit from a strong support network and mentoring from a senior leader within Fonterra Engineering. Take on the opportunity to develop a breadth of experience across exciting work within our core engineering teams. Build your cultural capability and gain exposure across our diverse co-operative.

Our programme is comprised of functional rotations across asset management, capital projects, operations, and technical engineering. Each rotation is six-months, allowing you to gain tangible experience and achieve meaningful outcomes. These rotations will enable you to thrive across a broad scope while flexing your individual passions.

Alongside your rotations, you will get to connect with your cohort on group projects or development workshops. You will also be supported through the Engineering New Zealand Emerging Professional Programme towards Chartership.

Be guaranteed to move into an exciting first role in our engineering teams across New Zealand.

New Zealand Manufacturing

Our NZM Regional Capital Projects teams support manufacturing to manage our key risks, such as process safety, business continuity or environmental impact. Examples of the projects our engineers manage include heat recovery, boiler conversion to biomass, or process upgrades for new product streams.

Our NZM Site Engineering and Maintenance teams prioritise asset stability through maintenance actions, problem-solves and non-capital solutions, so our plants are operational and efficient.

Technical Excellence

Our Technical Excellence teams support a variety of engineering functions across our co-op. Their portfolios include national capital, automation and operational technology, energy and climate, and water. Technical Excellence teams support these functions both through the management of these strategies and projects, and through providing subject matter expertise.

- Decarbonisation Projects, e.g., Biomass Conversion, Heat Recovery or EV Charger Install
- Wastewater Projects, e.g., DAF Plant Installation or Upgrade
- Plant Upgrade Projects e.g., new product streams or reverse osmosis
- Building Remediation Projects
- Evaporator Conversions
- Maintenance Upgrades
- Vibration Analysis for Predicting Failure
- Valve Actuation Timing
- Commissioning experience
- Defect Eliminations
- Engineering Risk Assessments
- Basis of Design and Feasibility Studies
- Control loop tuning
- Control/Safety System Commissioning
- Asset Management Planning
- Drier Operation

Project examples