

LCANZ AGM 2026

Committee Nomination Bios



Joanne Duncan (Independent)

Joanne is currently secretary of LCANZ. She has been on the committee since 2020 and has previously completed one 4-year term as Secretary. Her background has mainly been in accounting in business, however she has completed post graduate study in life cycle assessment methodology at Massey University, including a LCA project upcycling NZ Post uniforms. Massey's study also included zero waste, product stewardship and the circular economy. She considers life cycle thinking and LCA methodology provide an important insight and base to promote product stewardship and to encourage businesses and consumers to take responsibility for environmental impacts over product life cycles. She is also a member of the Zero Waste Network for at least the last 9 years, and lately the TAG for textile recycling. She also enjoys travelling to the UK and Europe most years to visit her 2 children. She is looking forward to LCANZ continuing its journey in raising awareness of Life Cycle Thinking.

Ray Mohan (AbacusBio)

Ray is an LCA and product footprinting specialist based in Otago with a strong interest in food systems and circular approaches to resource use. Over the past nine years, she has worked across the agri-food and manufacturing sectors as a consultant, helping organisations understand their environmental impacts and identify practical pathways for improvement.

Ray recently joined AbacusBio as an Agribusiness Consultant, where she contributes to livestock emissions and inventory development. Prior to this, she worked with the Food and Agriculture Organization of the United Nations, supporting updates to the Global Livestock Environmental Assessment Model (GLEAM), an LCA-based framework used to assess environmental impacts across livestock supply chains.

As Co-Chair of the LCANZ Best Practice Working Group, Ray is committed to strengthening LCA practice in New Zealand and advancing the application of life cycle and circular economy thinking to support evidence-based decision-making and more sustainable outcomes across diverse industries.

Israel MacDonald (NZ Steel)

Israel has over a decade in steel and heavy manufacturing, having worked across the entire steel supply chain – mining, ironmaking, steelmaking, reinforcing bar production & quality assurance. As the sustainability manager for NZ Steel & Pacific Steel, Israel helps create opportunities for more sustainable collaboration between steel & manufacturing, with the wider building, construction & infrastructure sectors. Israel also contributes to several industry boards & committees and currently chairs Metals NZ.

Tim Kleier (Concrete NZ)

Large-scale industrial decarbonisation forms the foundation of Tim's professional background. As the former Global Head of Green Steel with a leading European plant engineering company, he contributed to many of the largest iron and steel decarbonisation projects worldwide

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throughout the early 2020s. Today, he channels that expertise into his role as Sustainability and Policy Director at Concrete NZ.

A passionate commitment to fostering an evidence-based sustainable future drives his advocacy for responsible material choices. He firmly believes that a thriving society must leverage the unique benefits of every material while ensuring strict compliance with environmental and climate-related standards.

Tim recently joined Ray as Co-Chair of the LCANZ Best Practice Working Group to help establish and share vital information with life-cycle assessment practitioners across Aotearoa New Zealand.

Emily Townsend (thinkstep)

Emily has over thirteen years of experience working in sustainability. With a background in the construction materials sector, and an experienced LCA practitioner, she supports businesses to make better decisions based on data. She enjoys working with organisations to identify, plan and take actions leading to real change.

As thinkstep-anz's Service Director, she brings our shared knowledge together so we can maximise the impact of our projects. She strongly believes in the key role of business in the transition to a sustainable future.

Emily is particularly proud of projects that prompt discussion and wider action. This includes the report Meeting the climate challenge through digital technology which we developed together with New Zealand telecommunications company Spark in 2022.

She is a past president (2019-2023) and past committee member of the Life Cycle Association of New Zealand (LCANZ) and was the Chair of LCANZ Professional Development Sub-Committee.

Phoebe Mitch (Laminex)

I am a Sustainability & Compliance Business Partner at Laminex (Fletcher Building), working at the intersection of product stewardship, environmental data, and commercial strategy in the building materials sector. My experience spans energy, dairy, and manufacturing, with a focus on decarbonisation, lifecycle thinking, and embedding sustainability into business decision-making.

I bring core strengths in LCA literacy, environmental data, sustainability communication and translating technical sustainability requirements into commercial outcomes.

I also have governance and advocacy experience, including serving as Secretariat for the Mana Wāhine –Females in Energy network, contributing to Whio Forever conservation advocacy at Genesis Energy, and leading sustainability advocacy initiatives within Laminex NZ.