

## Joint Appita and IChemE Technical Meeting

**DATE:** Wednesday 7<sup>th</sup> July 2021

**VENUE:** Copthorne Hotel, Fenton Street, Rotorua

**6:00pm** Registration and Drinks (cash bar) - House Bar

**6:30** Buffet Dinner, Restaurant

### TECHNICAL PROGRAMME – REDWOOD 2

**7:30** **Geo40 - from Shipping Container to World First Plant**  
Mary Helliwell & Rachel Grobecker, Geo40

*The presentation will cover the journey from concept to commercialisation of Geo40's silica recovery technology. This includes the challenges of developing a mineral recovery process in a geothermal environment and the opportunities it presents for the geothermal operators. Finally, it will touch on the market for recovered silica and how it could have a major positive impact on the environment.*

**8:00** **Development of a Market-Based Anaerobic Digestion (AD) Facility in New Zealand**  
Grant Smith, Director – Ecogas

*This presentation provides some insights into the AD world and how Ecogas has applied this waste to energy technology to New Zealand's changing energy and farming markets. There are three phases of our development process that are explained further:*

- Site selection and development consenting
- Core process design decisions and options
- Product development and quality management

*Each of these development area summaries will highlight how the changing market environment and substitution of higher emissions energy and high energy products with more sustainable technologies is both challenging and enlightening for emerging green businesses entering into different mature market sectors.*

**8:30** **Valediction: Closure of the Tasman Mill Newsprint Division - End of an Era of New Zealand Manufactured Newsprint**  
Peter Minten, Norske Skog Tasman

**8:40** **Close of Meeting**

**COST:** Members: \$45 Non-members: \$55

Payment can be direct credited to Account - Appita NZ Section - 06 0413 0178800 00  
or paid on the night by cash or credit card.

*(NB: A credit card surcharge of 3% will apply on payments by American Express)*

### ORGANISERS:

Martin Atkins, University of Waikato: [martin.atkins@waikato.ac.nz](mailto:martin.atkins@waikato.ac.nz)

Dr Peter Kovalsky, University of Waikato: [peter.kovalsky@waikato.ac.nz](mailto:peter.kovalsky@waikato.ac.nz)

Please register **by Monday 5<sup>th</sup> July 2021**,  
by contacting **Karen Clark at Appita**

**Phone : 07 350 2252 027 231 6541** [appita.nz@xtra.co.nz](mailto:appita.nz@xtra.co.nz)

*(People who register for technical meetings, but fail to attend on the night may be charged. Please advise Karen Clark before the day of the meeting if you can no longer attend.)*