

## **Minutes of the 29<sup>th</sup> Annual General Meeting of the New Zealand Geothermal Association on Wednesday 27 November 2019, Auckland**

1. The NZGA 29<sup>th</sup> Annual general meeting was held on Wednesday 27 November 2019 at the Owen Glen building, University of Auckland

2. The NZGA minutes and financial report had been sent by email to the NZGA membership prior to the meeting. (PowerPoint presentation was used for the Treasurer's report)

### **3. Present**

President: Stephen Daysh

Vice-President: Paul Siratovich

Secretary: Anya Seward (minutes)

Treasurer: Ted Montague

Members present: approx. 80 present

The President opened the meeting at 1:10pm and welcomed all to the AGM.

### **4. Apologies**

Apologies were noted from Jacqui Nelson, Brian White

### **5. Confirmation of the NZGA minutes from the 28th Annual General Meeting**

Minutes of the previous AGM held on 16<sup>th</sup> November 2018 had been circulated by email before the meeting. There were no questions or comments on these minutes.

Motion: that the Minutes of the 2018 AGM be accepted –Jaime Quinao / Andy Bloomer carried unanimously.

### **6. President's Report**

Take the report as read by the membership.

Few highlights –

- Steady and productive year.
- Active with central government, advocacy role with ICCG and Minister Megan Woods,
- Encouraging Dr Woods or PM Jacinda Ardern will attend WGC. [Mike Allen and Stephen Daysh]
- EECA is becoming more involved with NZGA
- MBIE connections have been steady
- Geoheat strategy – new action plan coming out
- Winter seminar was well attended and greatly received
- Topic session have been held in Rotorua and Wellington
- Continued contribution to sponsorship of NZGW and contribution awards

A lot of effort has been focussed on supporting a strong NZ contingency for WGC 2020. NZGA is working closely with NZTE (Mike Allen) for WGC collaboration.

#### Board members Update:

Farewell to John Burnell, Katherine Luketina, Andrew Rae.

Welcome to: Paul Siratovich (vice president (re-elected)), Leighton Taylor (MTL), Jacqui Nelson (Contact Energy), Greg Bignall (Baseload) & Aroha Campbell as Observer

Executive Team: No change: Stephen (President), Paul (Vice-President), Ted (Treasurer), Anya (Secretary) & Andy (past President)

### **7. Treasurer's Report**

Report was circulated – no questions raised

Motion: Approval of Treasurers report 2019 -Stephen Daysh/ Mike O'Sullivan; All approved

BUDGET FOR 2020: Key points put forward by treasurer.

(1) Projection of a deficit

(2) Will be covered by existing fund

(3) Focus of expenditure: providing and operating WGC pavilion; increase in connection to member, newsletter, social media; running of the board and society

Membership has decline, so not as much income coming in from that revenue

SUMMARY of budget 2020:

Total predicting expenditure: \$117,000

Predicted deficit of ~60K (worse case outcome)

(Proposed budget for 2019 had predicted \$30K deficit ended with surplus.)

Opened to the floor for discussion on budget: no question

Motion: budget approval: Andy Bloomer / Kevin Brown. approved by all

### **8. Matters Arising**

Open to the floor: no matters arising.

### **9. Awards**

Life membership was awarded to **Malcolm Grant**.

Contribution awardee receive medal.

**Christine Siega:** for her work at both MRP/Mercury and Contact with a huge impact on both early days of Mercury's geothermal builds and ongoing optimisation at Contact's fields. [not present]

**Farrell Siega:** for his contribution to geochemistry at MRP/Mercury and input to both injection and production scaling mitigation strategies.

**Andy Blair:** for her efforts in promoting and increasing direct geothermal use through Bay of Connections and for her global efforts with WING [not present]

**Isabelle Chambefort:** for securing large research grants to enable New Zealand to look beyond standard geothermal and understand our super-critical potential

**Noel Kortright:** for more than 30 years' service to the geothermal industry, including NZGA Board membership from 1998-2004 and co-presenting a WGC2015 short course on geothermal policy. [not present]

NTGA award: Best direct use paper for the year: received by H. Putri Fraser, James H. Johnston, Mathew J. Cairns, Thomas Bormann, and Michael Schweig for their paper titled : “Mechanisms and Kinematics of CaSil Precipitation”; presented by Jaime Quinao.

NZGA awards:

*Best Student poster*: Daniel Elizalde, Elena Azocar, Jorge Crempien, Gloria Arancibia, Eduardo Molina, Tomas Roquer and Nicolas Peres-Estay. “Geophysical imaging of the Lique Geothermal site (39S, Chile) by means of 3D gravity inversion”

*Best Student paper*: Dylan (Nona) Taute, Kepa Morgan, Jason Ingham, Rosalind Archer, Tumanako Fa’au; “A holistic approach to impact assessment: Revitalising the presence of Maori values for cultural sustainability in Geothermal development”

*Best NZ author*: Farrell Siega, Bruce Mountain, Ian Richardson and Aimee Calibugan; “Mechanism of Silica deposition in formation and management options investigated in laboratory study”

## **10. Adjournment**

Meeting adjourned at 13.35 pm.

*Anya Seward* - Secretary  
New Zealand Geothermal Association