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2012 RECAP

Almost exactly a year ago on the 29th of March, 2012 a meeting was held at HERA House in Manukau, and GHANZ as an entity was officially born. 2012 was a busy year for us, here's a brief summary of our activities:

- GHANZ established:
 - Charter
 - Website
 - Organisationally established under the New Zealand Geothermal Association (NZGA)
 - Associate membership with the Climate Control Companies Association
- GHANZ member meetings held throughout the year
- GHANZ events held throughout the year:
 - Auckland (GHANZ Workshop) – September
 - Invercargill (Southland Energy Conference) – October
 - Wellington (CCCA Trade Night) – October
 - Christchurch (GHANZ Workshop) – October
 - Auckland (NZ Geothermal Workshop) – November
- GHANZ members review of introductory technical guide prepared by GNS Science and EECA
- GHANZ membership on AUS / NZ Standards committee
- GHANZ members support of GNS Science research and development projects, including:
 - NZ GHP installation database
 - Renewable energy social science awareness study
- Two GHANZ newsletters produced

With some great achievement and accomplishments behind us, GHANZ is now entering its second year. We have had a great start, but where to next? Where do we want to be at the end of this year? Or in five years' time? At our next meeting there will be a discussion about developing a simple but clear strategic plan for our future.

CANTERBURY LAND AND WATER PLAN HEARINGS

Central Heating New Zealand and GHANZ (through Brian Carey as Chair), attended the Environment Canterbury hearings for the Canterbury Land and Water Plan in March this year. Our submissions looked at the provisions of the proposed plan that could be overly restrictive to open loop smaller scale groundwater GHP systems.

While we have yet to hear the result of our submissions, it was a great opportunity to discuss the benefits of GHP technology with the hearings commissioners and to try to influence the regulatory framework such that GHP technology can more easily become part of Canterbury's energy future.

CHRISTCHURCH OPPORTUNITIES

Brian Carey as Chair of GHANZ held a number of meetings with key Christchurch people in the days following the Environment Canterbury hearings. Christchurch presents a unique opportunity for GHP technology – not only could the technology contribute hugely to Christchurch's future, but is also an excellent opportunity to show the rest of the country just how good this technology is. Meetings were held with Christchurch City Holdings, EECA and others with good discussion and interest shown. It would be good to continue these discussions through GHANZ and we will discuss these opportunities at our next meeting.



AUSTRALIAN CONNECTION

Simon Bendall (GHANZ) and Anya Seward (GNS Science) recently travelled to Rotorua to meet with Professor Ian Johnston from the University of Melbourne who was in New Zealand visiting relatives.

Back in November 2012, Prof. Johnston gave a talk at the NZ Geothermal Workshop and an associated Auckland GHANZ event about GHP technology in Australia and the related research work the University of Melbourne are doing.

The opportunity was taken to meet with him during his most recent visit to New Zealand to further the discussion around areas of possible collaboration, such as coordinating training with International Ground Source Heat Pump Association (IGHSPA) or similar, developing “down under” versions of IGHSPA (or similar?) training systems, and sharing data and research results and programmes to build our knowledge of GHP performance in this part of the world.

Simon Bendall will report back to GHANZ members in full at the next meeting,

GNS PROJECTS

GNS Science is developing the first database of New Zealand's geothermal heat pump installations. This project aims to collate technical and economic data for existing GHP installations to build an accurate picture of New Zealand's current market.

GNS Science has contacted GHANZ members and other identified installers/designers over the past few months to assist with the development of survey methodology. This feedback has informed the preparation of a standardised questionnaire which has now been circulated to all GHANZ members.

The data gathered through this process will be extremely useful. Among other things, it will provide an accurate picture of the current market, allow growth to be tracked, provide a useful communication tool for consumers, and assist with reporting to Government agencies and other sources of support and/or funding.

If you are an installer or designer, GNS Science would greatly appreciate your support by supplying information on any GHP systems you have worked on through the survey forms provided. If you have any questions about the process or how the information is to be used, or if you have completed forms to submit, please email Anya Seward (a.seward@gns.cri.nz).

TRAINING

IGSHPA are considering bringing one of their trainers down for a session in Melbourne, and IGHSPA have expressed interest in incorporating a possible New Zealand visit as part of that trip.

There are likely to be opportunities to go to Australia for training as part of what is run there. We expect places in Australia to be limited.

NEXT MEETING

A meeting of all GHANZ members is proposed. This meeting will be held as a teleconference and dial in numbers will be circulated to GHANZ members by email.

Put it in your diary **11am, Thursday 18 April.**

Looking forward to you joining in on the meeting

Brian Carey
GHANZ.