



NEWS RELEASE

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Investor Presentation

Attached is a presentation that Mighty River Power will be presenting at the UBS Resources, Energy and Utilities Conference in Sydney today.

ENDS

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19 June 2014

Geothermal – the ‘premium renewable’

UBS Australian Resources, Energy and Utilities Conference



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► GEOTHERMAL – THE ‘PREMIUM RENEWABLE’

Mighty River Power at a glance

15-17%

Generates 15-17% of New Zealand's annual electricity.

1 in 5

Supplies nearly 1-in-5 New Zealand homes and businesses.

90%

90%+ of generation from renewable sources.

40%

Geothermal energy provides 40% of generation output, following the commissioning of the Ngatamariki power station.



GEOTHERMAL



HYDRO



GAS

Steady base-load geothermal, flexible hydro and gas-fired generation.

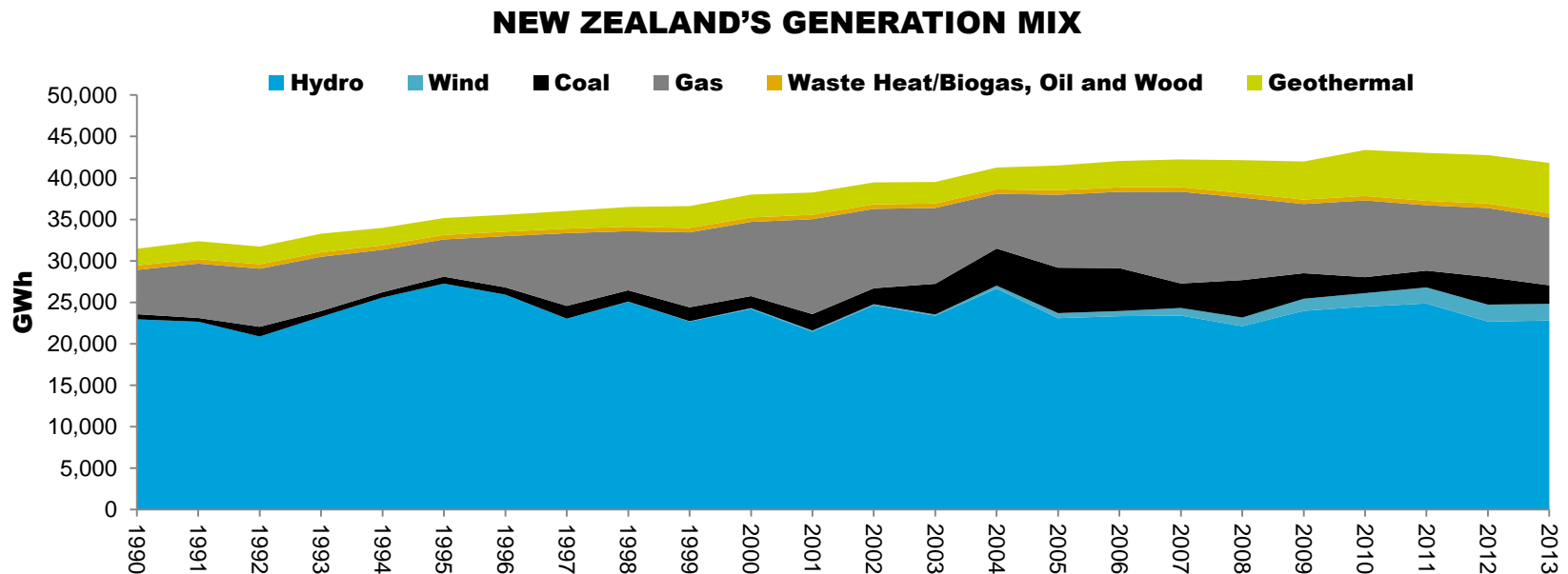


Measured approach to international geothermal development opportunities.

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Positive change in New Zealand’s energy mix

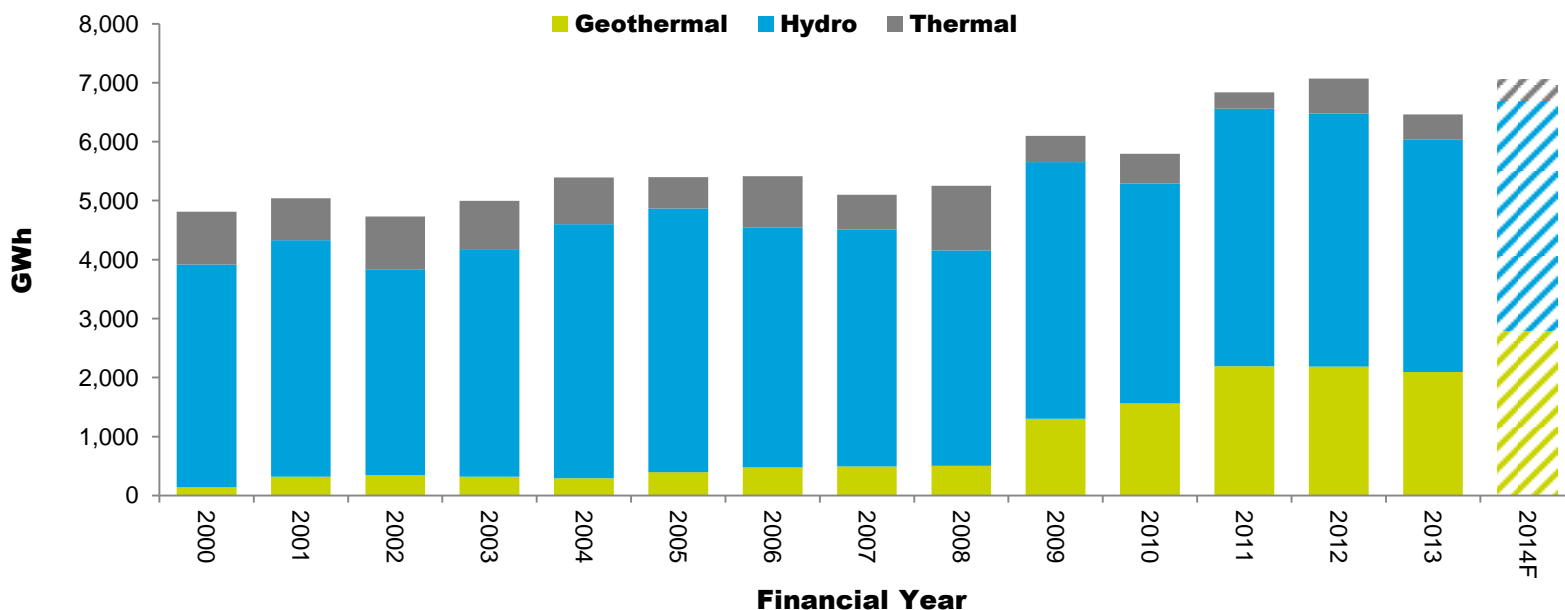
- > 1,200MW of unsubsidised renewable generation built over the past 10 years; displacement of fossil fuels – renewables over 73% in the last 3 years
- > Geothermal production has increased by 4,000GWh since 1990 and now makes up 15% of New Zealand’s energy mix (up from 5%)
- > Reliable renewable geothermal generation – normally runs 24/7, not weather dependent
- > Sustainable resource development supported by injection strategy; no resource mining



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Our geothermal growth

- > One of the world’s largest geothermal power station owners
 - > Successful track record in geothermal development and operation
 - > Geothermal now makes up 40% of total annual generation
- > Invested more than \$1.4 billion in development over the last decade- successful completion of 3 major geothermal projects since 2008



Note: FY2014F is based on Mighty River Power’s PFI included in the Investment Statement and Prospectus dated 5 April 2013

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Our geothermal generation

- > Strong long-term commercial partnerships/arrangements with Maori landowners
 - > Tuaropaki Trust, Tauhara North No.2 Trust, Ngati Tuwharetoa Settlement Trust, Putauaki Trust
- > Resource consents generally for 35 year terms
- > Operating costs of less than \$10/MWh compared to hydro \$5/MWh and gas \$110-\$120/MWh¹
- > Lumpy reinvestment capex – look to optimise timing (procurement and rig availability) of drilling new wells across geothermal portfolio
 - > Well costs of around \$10 - \$20 million - can be over 3km deep and 30cm wide



01/ Kawerau	100MW
02/ Mokai*	112MW
03/ Rotorua	34MW
04/ Nga Awa Purua*	138MW
05/ Ngatamariki	82MW

* Not 100% owned by Mighty River Power

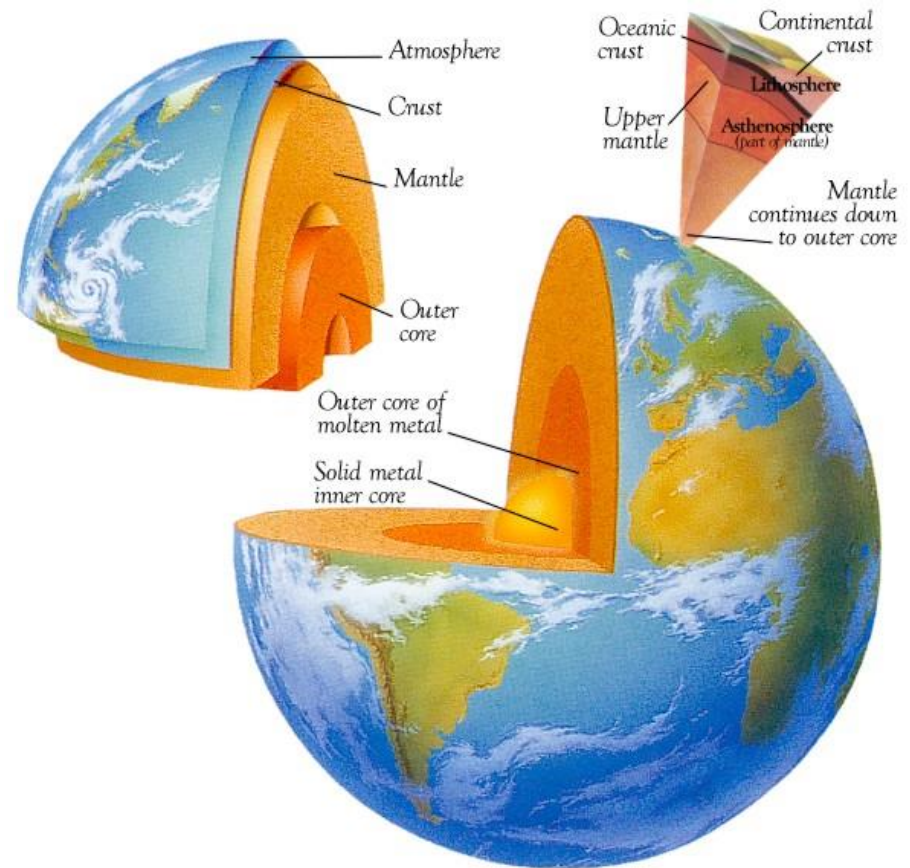


1. As disclosed in Mighty River Powers Investment Statement and prospectus dated 5 April 2013 and numbers based on HY2013

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What is geothermal energy?

- > Geothermal = hot earth
- > Geothermal energy used for industrial processing, distributed heating and power generation
- > Magma below the earth's crust, heating nearby rock and water – as hot as 300°C
- > Some of this hot geothermal water travels back up through faults and cracks and reaches the earth's surface: hot springs or geysers
- > Most of it stays deep underground, trapped in cracks and porous rock: geothermal reservoir
- > Geothermal comprises 0.3% of global electricity generation, circa 12,000MW



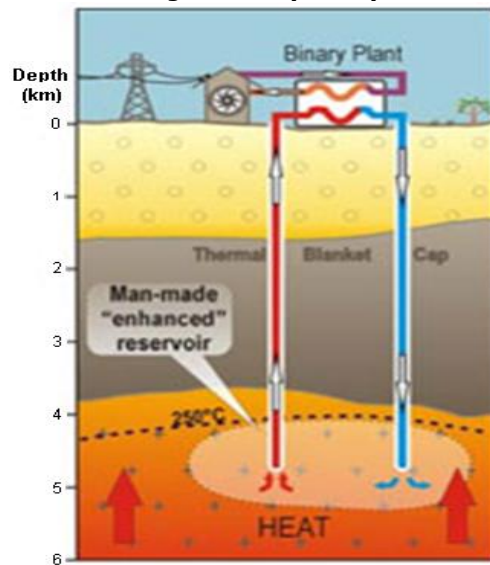
Source: US Department of Energy (DOE)

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Geothermal reservoir types

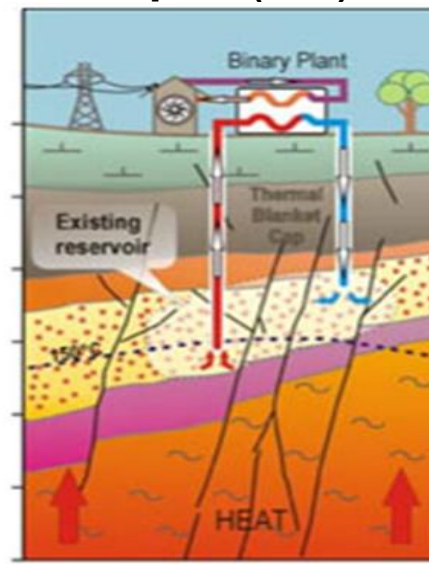
- > Geothermal investment in Australia has been based on EGS and HSA technology
- > New Zealand geothermal generation is all Volcanic Geothermal

Enhanced Geothermal System (EGS)



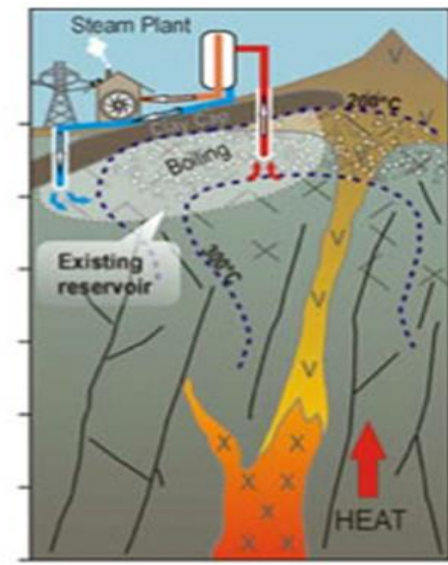
- > Known as ‘Hot rocks’
- > Technologically challenging
- > Represents 0% global installed capacity

Hot Sedimentary Aquifer (HSA)



- > Utilises conventional technologies
- > Represents 4% global installed capacity

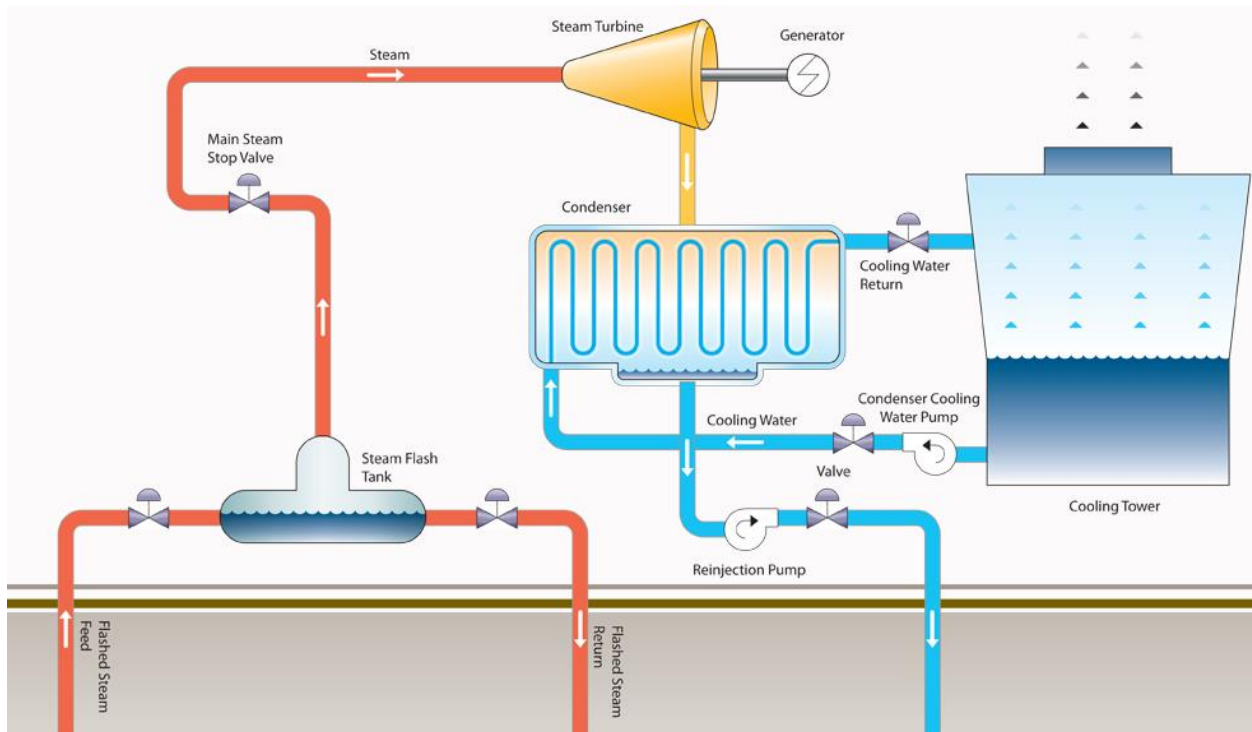
Volcanic Geothermal



- > Utilises conventional technologies
- > Represents 96% global installed capacity

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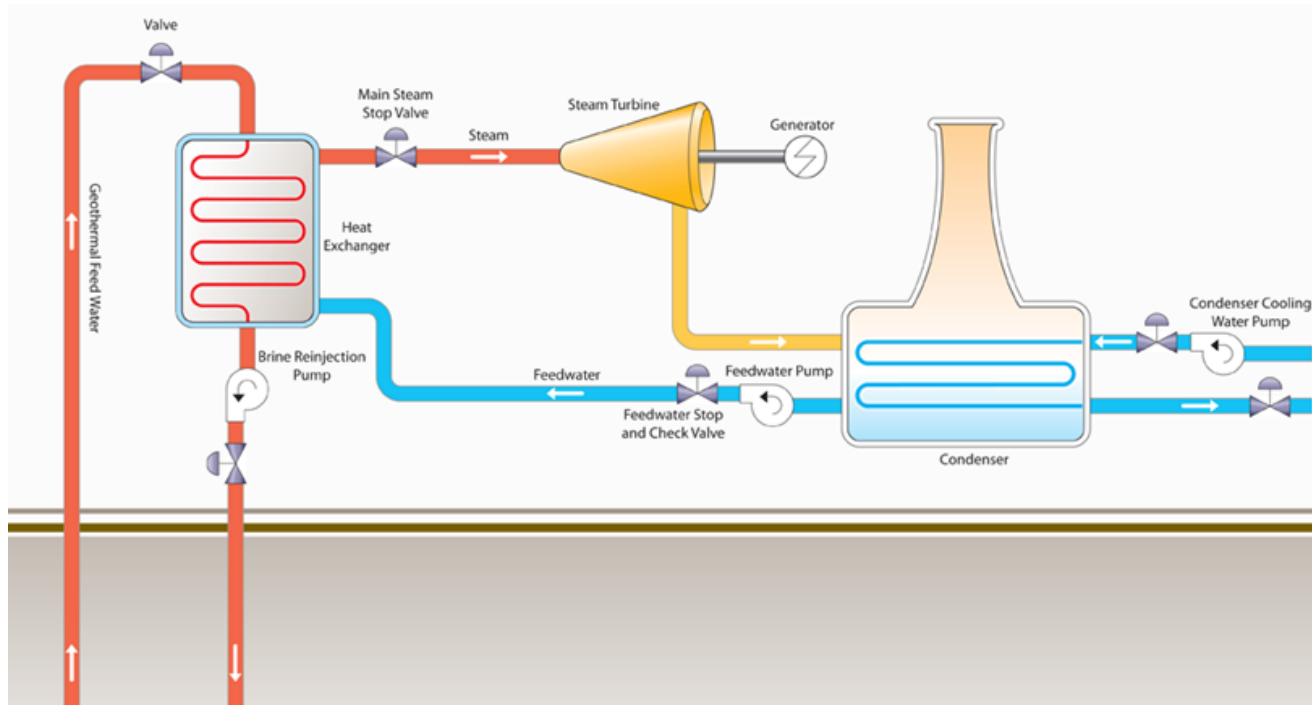
Flash steam geothermal power plants



- > Represents over 45% of total global installed capacity
- > Operate at higher technical efficiency than binary cycle for geothermal resources exceeding 200°C
- > Can have higher O&M costs than binary cycle systems resulting from scaling and corrosion
- > Examples include Kawerau (Double Flash) and Nga Awa Purua (Triple Flash)

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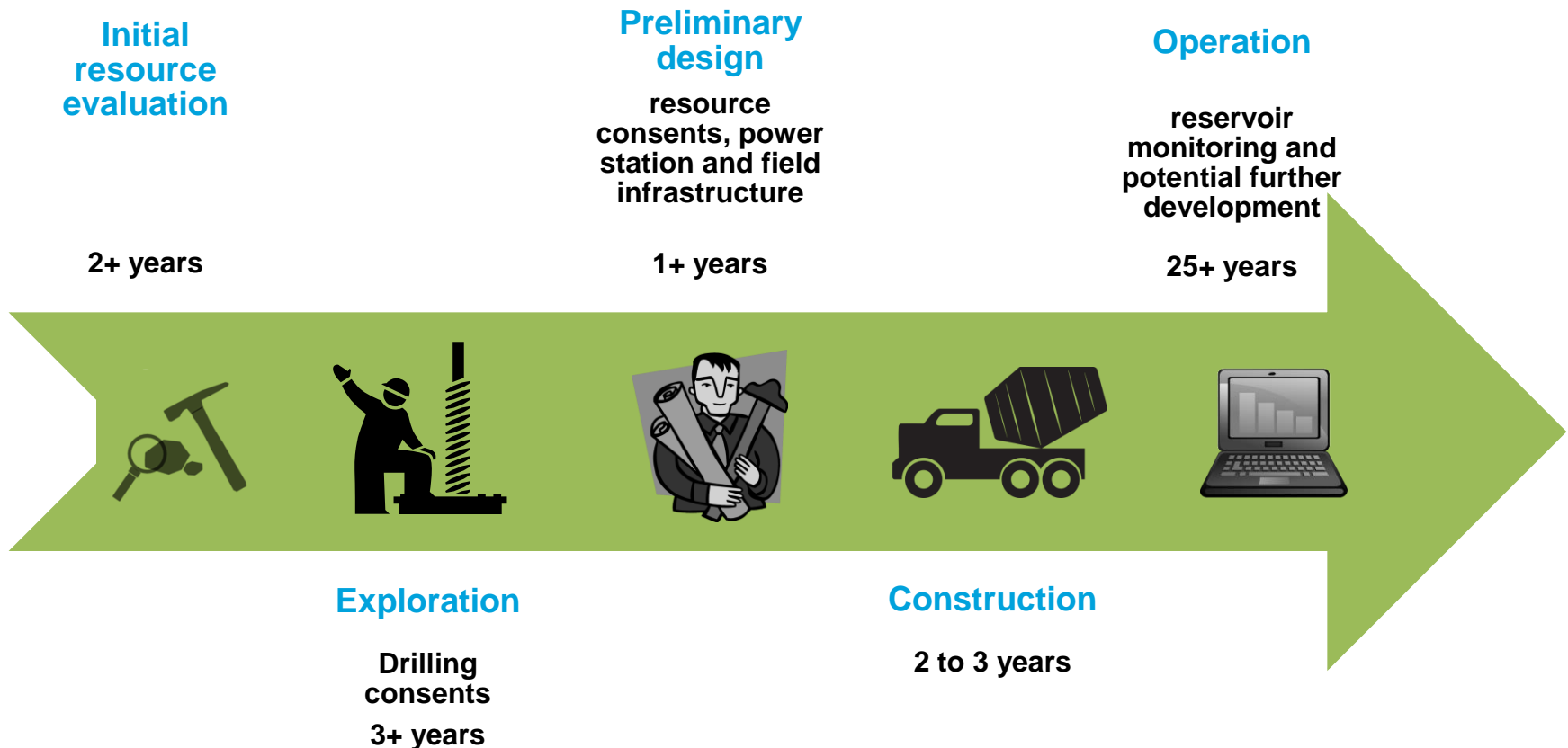
Binary cycle geothermal power plants



- > Represents only 10% of total global installed capacity
- > Traditionally employed for geothermal resources below 150°C
- > Being increasingly considered for higher temperature projects due to lower O&M costs and increasing generator scale
- > Example includes Ngatamariki plant

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Typical geothermal development cycle



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Further opportunities in geothermal

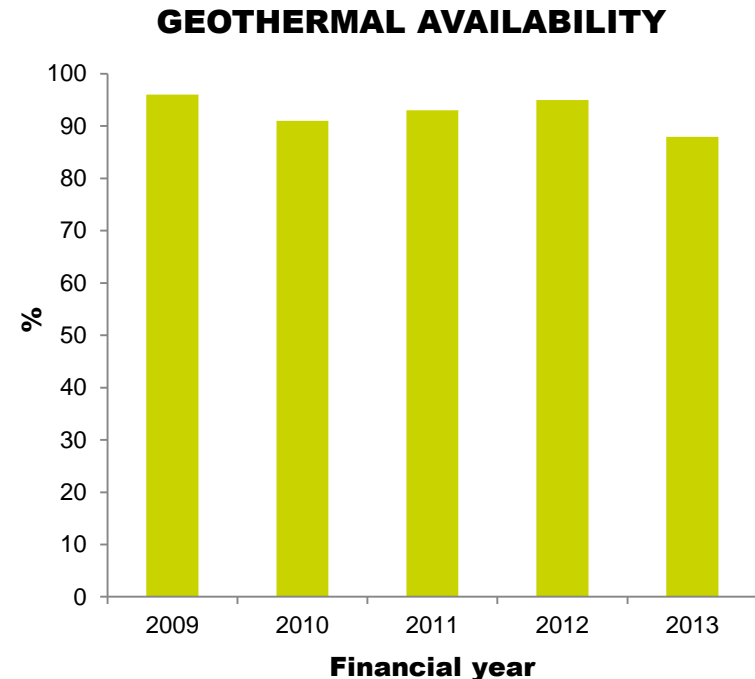
- > Maintaining a number of domestic geothermal expansion opportunities (mainly brown field) for when demand and supply conditions improve
- > International geothermal interests provide opportunity to leverage niche capabilities and provide economic growth:
 - > discussions with EnergySource partners for greater shareholding ongoing
 - > John L Featherstone plant operating above expectations (96.5% availability)
 - > Further Chile exploration pending commercial prerequisites satisfied
- > Hold an interest in GGE’s German development concessions
 - > option to assume control by 30 June if GGE is unable to raise further capital – currently considering extending option



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Summary

- > Reliable geothermal generation – normally runs 24/7, operation not dependent on the weather
- > Sustainable development
- > Base-load geothermal has strengthened our generation portfolio and allowed greater flexibility with our hydro generation
- > During the 10 year development programme, built-up institutional knowledge in:
 - > geothermal risk assessment
 - > development capability
 - > technical resource capability
 - > geothermal operations



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Q&A