

# NZGA - Industry Update

## 2014 Year in review and looking forward

Warwick Cutfield

Industry Director – Thermal & Geothermal

## Geothermal and AECOM

Purchase and Merger with URS, brings additional resources and track record.

Export business with Energy teams (NZ, Indonesia and Philippines) led by Engineers educated in New Zealand.

- Indonesia – many projects planned however timelines slipping
- Philippines – general increase in work
- Kenya – AECOM now has country office, projects slowed down

# AECOM's Geothermal Activity 2014

FEED Designers (Indonesia)

Technical Advisors / Detailed design (Indonesia, Kenya)

Tender Designs for E of EPC (Indonesia , Philippines , Kenya)

Owners Engineers (Indonesia, Philippines, Hawaii)

SAGS Design (Indonesia)

Control System Designs & Upgrades (Philippines)

Transmission connections, Protection designs (Philippines , Indonesia)

PS efficiency Improvement projects (Philippines)

Civil and Mechanical detailed design & enabling works

Site Supervision (Indonesia)

Environmental permitting (Indonesia , Philippines)

# AECOM Typical Geothermal Projects 2014

Contact - Ohaaki minor efficiency improvement upgrades , cooling system.

EDC- Efficiency Upgrades, plant uprating, C&I & protection Upgrades .

Chevron – Indonesia - New Ventures kickoff

Pertamina – Lahendong 5&6 , Ulubelu 3&4 , Support to client tendering, contractor negotiations

Hyundai/ Sarulla – Technical Advisors / Process Design for 3 x 110MWe GCCU

Hyundai Tender designs – various

Batturaden - Field development planning and project management

# AECOM Typical Geothermal Projects 2014

OTP- Sorak Malapi - Infrastructure enabling detailed designs

Pertamina - NZ aid funded World Bank contract for Capacity building for Lumut Balai, Karaha, Lahendong, Sungai Penuh , Hulu Lais, Ulubelu, Kamojang, Kotamobagu

KenGen - Olkaria VI Technical advisors- awarded, contract kick off delayed

Supreme - Rantu Dedap- Civil Infrastructure Roads and Drill Pads detailed design

# 2015 Looking forward

## **Pipeline of opportunities**

Kenya - E of EPC roles

Philippines – Upgrades , new build's

Indonesia – Chevron , panel work

Indonesia –Pertimina / IP – Support to clients for management of EPC contracts

Indonesia - Supreme - Rantu Dedap OE , infrastructure enabling

Batturaden - Project Management

Thank You

[warwick.cutfield@aecom.com](mailto:warwick.cutfield@aecom.com)