

VALUATION MULTIPLES

Forward EV / EBITDA Multiples (monthly to 31/12/2018) Source: FactSet Research Systems Inc.

Multiples in the Cleantech, Energy & Resources sector have increased over the period. At the end of December, the sector traded on a forward EV / EBITDA multiple of 6.3x, compared to the ASX200 on 8.9x.



Average Values and Trading Multiples (values as at 18/01/2019) Source: FactSet Research Systems Inc.

Subsector	Enterprise Value (\$m)	EV/EBITDA FY2019	EV/EBIT FY2019	Price / Earnings FY2019
Energy & Utilities	67,866	8.1x	13.5x	17.5x
Environmental Services	7,239	8.2x	12.8x	18.6x
Metals & Mining	205,001	5.9x	10.0x	15.2x
Natural Resources	319	8.7x	10.3x	12.8x
Oil & Gas	54,938	5.1x	7.7x	13.6x
Cleantech, Energy & Resources	335,363	6.4x	10.4x	15.5x

Note: Multiples are based on the forward year of the unreported period, which for the majority of companies in the sector is FY2019. Difference in forward EV/EBITDA multiples between Figure and Table are representative of the timing difference between month-end result, and current day result.

¹ The InterFinancial Cleantech, Energy & Resources Index set is an unweighted index comprising Cleantech, Energy & Resources sector related companies trading on the Australian Securities Exchange (ASX). Estimates are sourced from FactSet Research Systems Inc.



Cleantech, Energy & Resources

INDUSTRY UPDATE – 18 January 2019

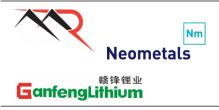
MERGER & ACQUISITION NEWS...













Value: \$115m

Highlands Pacific's largest shareholder Cobalt 27 Capital has entered a scheme implementation agreement to acquire the remainder of the company. Cobalt 27 currently owns 13% of Highlands. The scheme implies an equity value for Highlands of approximately \$115m.

Value: Not Disclosed

Westgold Resources has decided to accept an offer from Cobalt 27 Capital to acquire Westgold Resources' Mt Marion lithium royalty. Due to Westgold Resources entering into a conditional agreement with SilverStream in December, Westgold has agreed to accept the higher offer from Cobalt 27 and will pay the minor termination costs associated with the conditional SilverStream agreement. The offer by Cobalt 27 Capital was \$250,000 and 200 metric tonnes of physical cobalt metal in a warranted LME warehouse.

Value: \$2.5m + \$6.5m (shares)

Westgold Resources announced on 24 December that it has signed a binding term sheet with **Doray Minerals** to buy its **Andy Well** and **Gnaweeda Gold Projects**. Westgold will pay **Doray** \$2.5m in cash and \$6.5m in shares at completion which is planned to occur on or about 15 February 2019.

Value: \$103.8m

Mineral Resources and **Ganfeng Lithium** have jointly acquired a combined 13.8% stake in the Mt Marion Lithium Project from **Neometals** for an aggregate \$103.8m in cash. The two bidders split equally the purchased 13.8% stake. The acquisition of the additional Mt Marion equity interest is consistent with **Mineral Resources'** strategy of identifying value-adding opportunities in the lithium sector.

Value: Not Disclosed

Pacific Equity Partners (PEP) is believed to have acquired **Macquarie Group's** smart meters business. The deal was agreed in late December.

DRILLING FOR DEALS...

- **Newcrest Mining** could pursue a listing in North America. Bankers believe that a secondary listing would substantially increase **Newcrest's** funding capacity, especially if it is looking for an acquisition. A listing in North America would allow the business to offer potential targets local shares as part of an offer.
- **Batchfire**, an Australia-based miner, is seeking an equity investment of around \$25m. **Batchfire** is also considering raising debt of up to \$100m.
- Urgent expressions of interest are sought for the recapitalisation or sale of the business and assets of multi-utility services provider Flow Systems and related entities.
- Pilbara Minerals announced that China's Jiangxi Ganfeng Lithium and Great Wall Motor Company have agreed to cornerstone the Stage 2 funding package for the expansion of its Pilgangoora lithium-tantalum project. The funding package will include a \$35m offtake pre-payment facility provided by Great Wall and a \$35m equity placement to Ganfeng.



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- Codan, an Australian provider of radio communications, metal detection and mining technology solutions, is conducting a
 global search for acquisition targets and could spend at least \$100m on acquisitions. The Adelaide, South Australia-based
 company would prefer targets based in English-speaking countries such as Australia, the US, or the UK, or culturally aligned
 European countries, but does not rule out any geographic regions.
- Australian miners Genesis Minerals, Gascoyne Resources, MOD Resources and Paringa Resources stand a high chance of becoming takeover targets. This is largely due to management changes, share price slides and project development opportunities.
- Rio Tinto could partner with a private equity player to pursue large copper producers. Rio could pursue an overseas copper
 producing business to build up its exposure to the commodity. Anglo American, First Quantum and Freeport have been
 listed as potential targets.
- Northern Star Resources has received written rejections from Tribune Resources, Rand Mining, and Rand Exploration, against Northern Star Resources' earlier offer to acquire a 49% stake in the East Kundana Joint Venture it does not already own. The deal was reportedly worth \$150m.
- **Navarre Minerals** and **Catalyst Metals** have reached agreement on the terms of the **Tandarra Joint Venture Agreement**. Drilling is likely to commence in the first quarter of 2019.



Cleantech, Energy & Resources INDUSTRY UPDATE – 18 January 2019

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