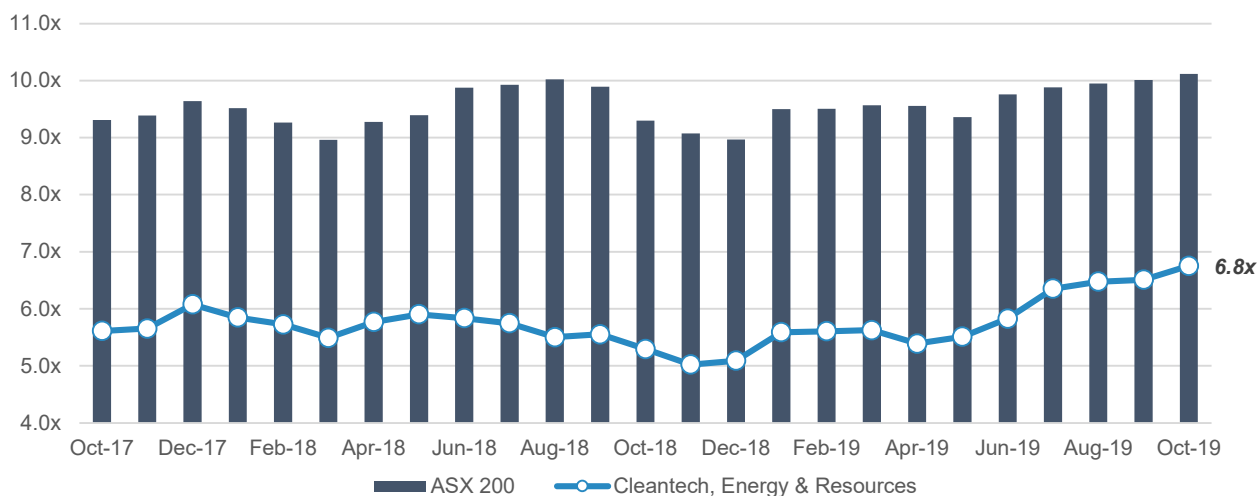


VALUATION MULTIPLES

Forward EV / EBITDA Multiples (monthly to 31/10/2019) Source: FactSet Research Systems Inc.

Multiples in the Cleantech, Energy & Resources sector have increased over the period. At the end of October, the sector traded on a forward EV / EBITDA multiple of 6.8x, compared to the ASX200 on 10.1x.




Average Values and Trading Multiples (monthly to 26/11/2019) Source: FactSet Research Systems Inc.

Subsector	Enterprise Value (\$ m)	EV/EBITDA FY2020	EV/EBIT FY2020	Price / Earnings FY2020
Energy & Utilities	73,904	8.8x	14.4x	19.1x
Environmental Services	8,716	11.2x	19.7x	28.4x
Metals & Mining	273,447	5.1x	8.0x	12.6x
Natural Resources	198	9.3x	16.2x	20.9x
Oil & Gas	62,576	5.6x	9.1x	13.6x
Cleantech, Energy & Resources	418,841	6.5x	11.7x	18.2x

Note: Multiples are based on the forward year of the unreported period, which for the majority of companies in the sector is FY2020. 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.

MERGER & ACQUISITION NEWS...

		<p>Value: \$32m</p> <p>Mitchell Services, a listed Queensland-headquartered provider of exploration and mine site drilling services to the exploration, mining, and energy industries, has agreed to acquire Deepcore Drilling, an Australian company providing service to mining and infrastructure industries, specializing in technical underground drilling.</p>
		<p>Value: \$10m</p> <p>WestStar Industrial Limited, a listed Australian conglomerate holding company with significant interests in mining and construction, has agreed to acquire Alltype Engineering, an Australian provider of construction and maintenance services.</p>
		<p>Value: \$357m</p> <p>AMPCI Macarthur Wind (T) and Megawatt Financing, a fund of AMP Capital Investors Limited, have agreed to acquire Macarthur Wind Farm, from Malakoff Holdings.</p>
		<p>Value: \$38m</p> <p>UK-based private equity firm Business Growth Fund plc (BGF) has sold 3sun Group Limited, a UK-based provider of control and instrumentation services and products to the oil and gas industry, to Worley Limited, a listed Australian company engaged in the providing expertise in engineering, procurement and construction and offers a range of consulting and advisory services.</p>
		<p>Value: Undisclosed</p> <p>Macquarie Group Limited, through its Macquarie Infrastructure Partners II Fund has sold Broadrock Renewables LLC, a US-based renewable energy plant located in California to Energy Developments Limited, an Australia-based energy supplier engaged in development and operation of power generation projects for an undisclosed consideration..</p>

DRILLING FOR DEALS...

- American firm **Apollo Global Management** is believed to be interested in **Downer's** mining services business. **Downer** is thought to be seeking AUD 700m for the unit, but it may be more likely to sell for AUD 550m.
- Apollo** is also believed to be in talks to buy the mining services business **Thiess** from **CIMIC**, which could be worth over AUD 3bn. Chile's **Sigdo Koppers** is believed to be among overseas buyers and trade groups in talks to acquire **CIMIC**.
- Tailsman Mining**, an Australian gold and base metals exploration company, is evaluating different pathways to realise value from its Sinclair nickel project in Western Australia.
- Cleanaway Waste Management** has entered into a joint venture with **Macquarie Capital's Green Investment Group** to develop an energy from waste project in Western Sydney.
- Breaker Resources**, an Australia-based miner, is undergoing a strategic review following the receipt of several unsolicited approaches.
- Australian copper explorer **Cobre Pty Ltd.** is seeking an initial public offering to list its shares on the Australian Securities Exchange to raise funds to expand its exploration activities.
- Metgasco's** directors have urged the company's shareholders to reject the proposed conditional takeover offer from **Melbana Energy** for 100% of the ordinary shares of **Metgasco**, for an implied value of AUD 0.04 each. The offer period has been extended until November 1.
- BHP** is considering the sale of its 50% stake in the Bass Strait oil field off the coast of Victoria, worth at approximately AUD 5,836m.

DRILLING FOR DEALS...

- Investors are being sought for the **Corvus Metallurgical Coal Project**, an Australian coal project, with the aim to raise AUD 540m in capital for production.
- **Saracen Minerals** has launched an AUD 700m equity raising, which will be used to fund the purchase of a 50% stake in the Kalgoorlie Super Pit from **Barrick Gold**. The stake is estimated to be worth around AUD 1bn.
- **Morrison & Co** is expected to acquire **Flow Systems**, an Australian water utility service business, from **Brookfield Infrastructure**. The transaction is thought to be worth under AUD 250m.
- **Japan's Inpex Corporation** is said to be selling its West Australian assets, which could sell for up to AUD 200m. They have received interest from **Petro Talaria** and the American oil and gas firm **Helix Energy**, along with Singapore-based **Jadestone Energy**.
- **ConocoPhillips** is thought to be considering the sale of its AUD 11bn stake in the **Australia Pacific LNG (APLNG)** project.
- Keen interest from private equity, overseas players and local suitors for **ExxonMobil's** Altona Refinery and downstream oil assets, which could be valued between AUD 800m and AUD 1bn.
- **Woodside Petroleum**, the Australian oil and gas producer, has started a sale process for its 75% stake in its Scarborough gas resource in Western Australia.
- **WestStar Industrial** is set to announce the acquisition of **Alltype Engineering**, an Australia-based fabricator, for at least AUD 6m in scrip. Deal is expected to double **WestStar's** revenue to around AUD 60m.
- **Independence Group NL** announced intention to make an off-market takeover offer to acquire all of the ordinary shares of **Panoramic Resources Limited** at the offer price of AUD 0.476 per Panoramic share, which implies an equity value of about AUD 312m.
- **Nebras Power**, a Qatar-based group, has agreed to purchase a 49% stake in Australian wind farm operation **Stockyard Hill**, worth AUD 1.2bn.
- **EganStreet Resources** bidder **Silver Lake Resources Limited** has raised the offer price for its off-market takeover bid for all the issued and outstanding ordinary shares of **EganStreet** to AUD 0.40 per share in cash.
- **Ramelius Resources**, an Australia-based miner, could pursue acquisitions following the execution of an AUD 35m Syndicated Facility Agreement (SFA).
- **Royal Dutch Shell** could sell energy infrastructure assets in Queensland.
- **Malakoff Corporation**, a Malaysian energy company, is selling off its 50% stake in Macarthur Wind Farm, an Australian wind farm, to **Megawatt Financing** and **AMPCI Macarthur Wind** (Trustee Of AMPCI Macarthur Wind Trust) for AUD 357m.

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