



ACT Australian CleanTech Index

1Q FY15

Quarterly Performance Report

October 2014

To request further information or to be added to the distribution list for future ACT Australian CleanTech Index reports, please see www.auscleantech.com.au/Pages/cleantech.html

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Table of Contents

1. ACT Australian CleanTech Index Overview	3
2. ACT Australian CleanTech Index Performance 3Q FY14	5
3. Component Sub-indices	9
4. Component Companies on 31 March 2014	11
5. China CleanTech Index	12

1. ACT Australian CleanTech Index Overview

The ACT Australian CleanTech Index provides the definitive measure of the performance of Australian listed cleantech stocks.

The cleantech industry is split into a number of sub-sectors as detailed in the table below. Each of the sub-sectors contains companies that have both environmental and economic benefits.

Solar Thermal and Photovoltaics	Waste Management & Recycling
Wind Generation	Energy Efficiency & Biomaterials
Biofuels	Green Buildings
Water	Energy Storage & Fuel Cells
Environmental Services	Wave, Tidal & Hydro
Low Emissions Vehicle Technologies	Biogas
Carbon Trading	Geothermal – Hot dry rocks and conventional

The cleantech sector is fundamentally different to Socially Responsible Investments (SRI) or Environmental, Social and Governance (ESG) performance. SRI and ESG look at incremental improvements in company performance and can be seen as ‘operational hygiene’ measures that find the best in class. Cleantech focuses on companies whose output positively enhances the communities and ecologies in which they reside. It is about doing ‘more good’ rather than ‘less bad’.

With 63 companies falling under the coverage of the Index and with a combined market capitalisation, after its rebalance, of over \$15Bn, the ACT Australian CleanTech Index presents a comprehensive picture of the Australian cleantech industry’s growth in a single measure.

The Index is weighted by market capitalisation and is benchmarked against both the S&P/ASX200 and the S&P/ASX Small Ordinaries. The rules for the formulation and management of the Index have been developed with reference to global best practice. An overview of these rules is provided in the annual performance report.



The ACT Australian Cleantech Index is updated each month and published on the Australian CleanTech website at www.auscleantech.com.au, in the Ethical Investor magazine, in WME's Environmental Management News, on the Clean Energy Council website and in the international Cleantech Investor publication.

Monthly results can be emailed directly to interested parties by subscribing at <http://www.auscleantech.com.au/Pages/cleantech.html>.

2. ACT Australian CleanTech Index Performance 1Q FY15

ACT Australian CleanTech Index outperformed the S&P ASX200 and the S&P ASX Small Ordinaries for both the month of September and the first quarter of FY15.

The ACT Australian CleanTech Index rose from 46.8 to 47.8 over the month of September recording a 1.5% gain. This compared to the S&P ASX200 loss of 5.9% and the S&P ASX Small Ordinaries Index loss of 6.3%. The Australian CleanTech 20 recorded the same performance as the full index for the month.

Over the first quarter of the 2015 fiscal year, the ACT Australian CleanTech Index recorded a gain of 5.7%, ahead the S&P ASX200's loss of 1.9% and the S&P ASX Small Ordinaries' 0.3% gain.

The six and twelve month figures also remain ahead of the wider market. Over the last 12 months, the ACT Australian CleanTech Index recorded a gains of 10.6%, 9.2% ahead of the S&P ASX200.

Percentage Change	FY10	FY11	FY12	FY13	FY14	SEP'14	1Q FY15	6 Mnths	12 Mnths	3Yrs
ACT Australian CleanTech Index	-32.0%	-8.1%	-30.3%	-3.5%	19.6%	1.5%	5.7%	3.3%	10.6%	7.6%
Australian CleanTech 20	-16.3%	-17.6%	-29.2%	-2.0%	19.6%	1.5%	5.5%	3.7%	11.2%	12.8%
S&P/ASX200	11.8%	4.2%	-9.6%	17.3%	12.3%	-5.9%	-1.9%	-1.9%	1.4%	32.0%
S&P/ASX Small Ords	10.5%	9.5%	-15.0%	-8.3%	9.6%	-6.3%	0.3%	-2.4%	-3.1%	-4.0%

The market capitalisation of the 63 stocks in the ACT Australian CleanTech Index is A\$15.5 billion, after its rebalance, falling from its peak of \$16.3 billion in July 2007 but a long way up from its trough of A\$6.2 billion in July 2012.

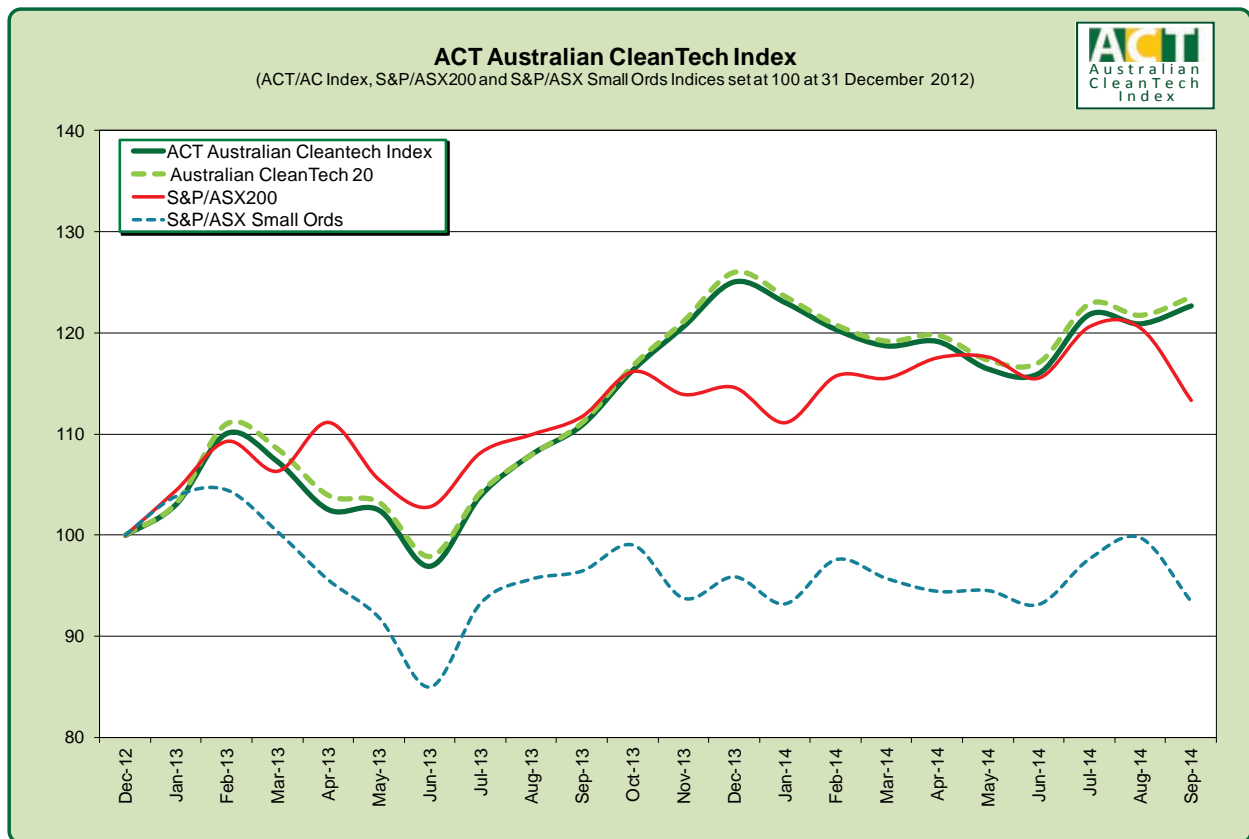
Best and Worst Stocks

The best and worst performers in terms of share price performance over the month and the quarter are shown in the table below.

The month's performance was driven by 12 companies with gains of more than 15%. The greatest percentage gains were recorded by Eden Energy, RedFlow and Phoslock Water Solutions. These gains were partially offset by 16 companies recording losses of more than 15% led by AnaeCo, Green Invest and Water Resources Group

The quarter's performance was driven by 13 companies with gains of more than 20%. The greatest gains were recorded by Actinogen, K2 Energy Limited and RedFlow. These gains were partially offset by 8 companies recording losses of more than 20% led by Green Invest, Water Resources Group and AnaeCo.

September 2014		
Best Performers Share Price Gain > 15%	Worst Performers Share Price Loss > 15%	
Dyesol Phoslock Water Solutions Papyrus Australia Novarise Renewable Resources Enerji Eden Energy RedFlow Meridian Energy Vmoto Orbital Corporation Greenearth Energy Aeris Environmental	Solco EnviroMission Sylex Systems SWW Energy Limited Actinogen Algae.Tec Water Resources Group AnaeCo	Intec Electrometals Galaxy Resources Petratherm Hot Rock Carbon Conscious Environmental Group Green Invest
1Q FY15		
Best Performers Share Price Gain > 20%	Worst Performers Share Price Loss > 20%	
Solco K2 Energy Limited Actinogen Leaf Energy Cardia BioPlastics Nanosonics Enerji	Orocobre RedFlow Orbital Corporation Coffey Aeris Environmental Australian Ethical Investment	EnviroMission Sylex Systems Algae.Tec Water Resources Group Tox Free Solutions AnaeCo Soil Sub Technologies Green Invest



Index Rebalance

The ACT Australian CleanTech Index underwent its quarterly rebalancing at the end of September which took account of recent share issues and other corporate activity.

The changes that were made to the index constituents at this rebalancing were:

Removal from the Index

- **CMA Corporation (ASX:CMV)** following its delisting on 2/9/14 due to non-payment of listing fees.
- **Stehealth (ASX:STP)** following completion of the Scheme of Arrangement with Catilina Nominees Pty Ltd as trustee of the Danny Boulas Daniels Family Trust on 7/7/14

Watchlist

A watching brief is being maintained on the following companies in the Index:

- **Petratherm Ltd (ASX:PTR)** following its award of Petroleum Exploration Licence (EL3/2013) covering approximately 3,900 km², north of Hobart in central Tasmania to explore for shale oil and gas.
- **Novarise Renewable Resources International (ASX:NOE)** which is negotiating a privatisation proposal from its majority shareholder.
- **Enhanced Systems Technologies (Wasabi Energy) (ASX:ESY)** which is currently suspended from the ASX.

3. Component Sub-Indices

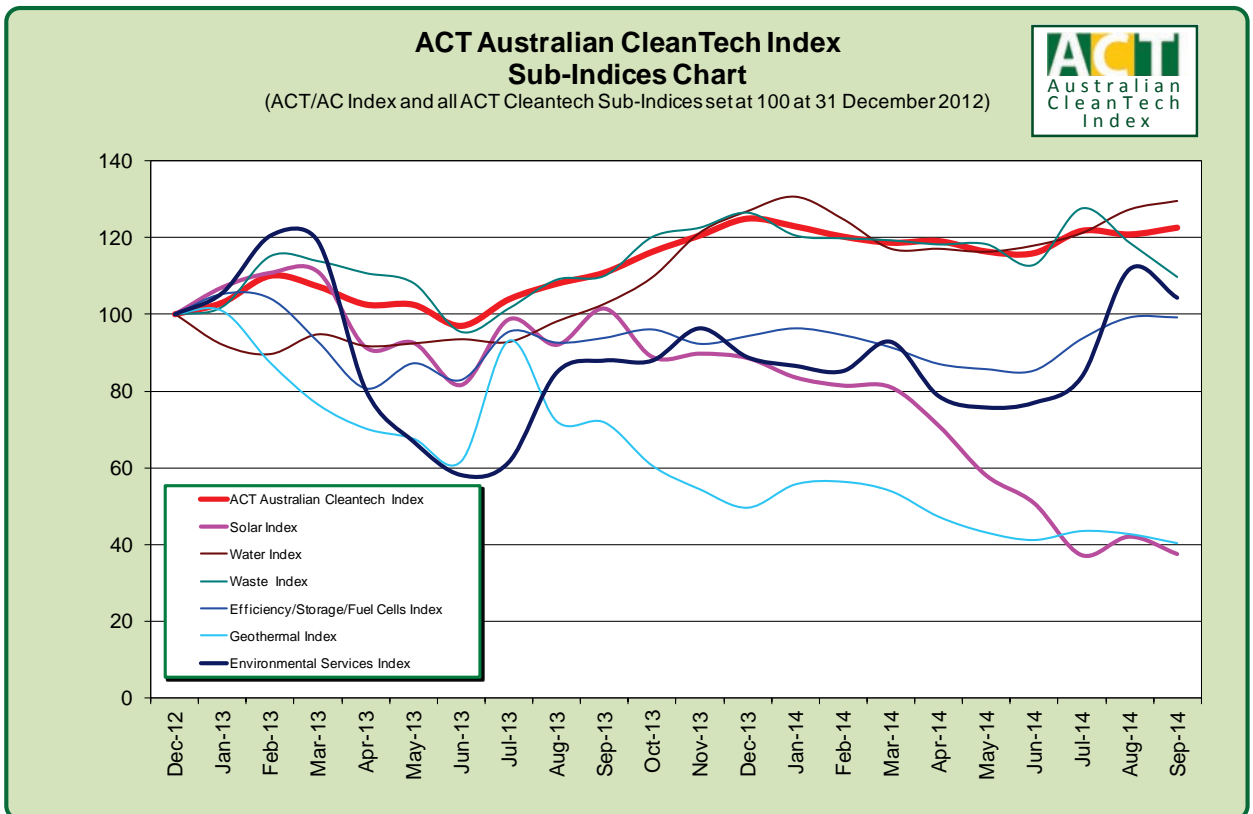
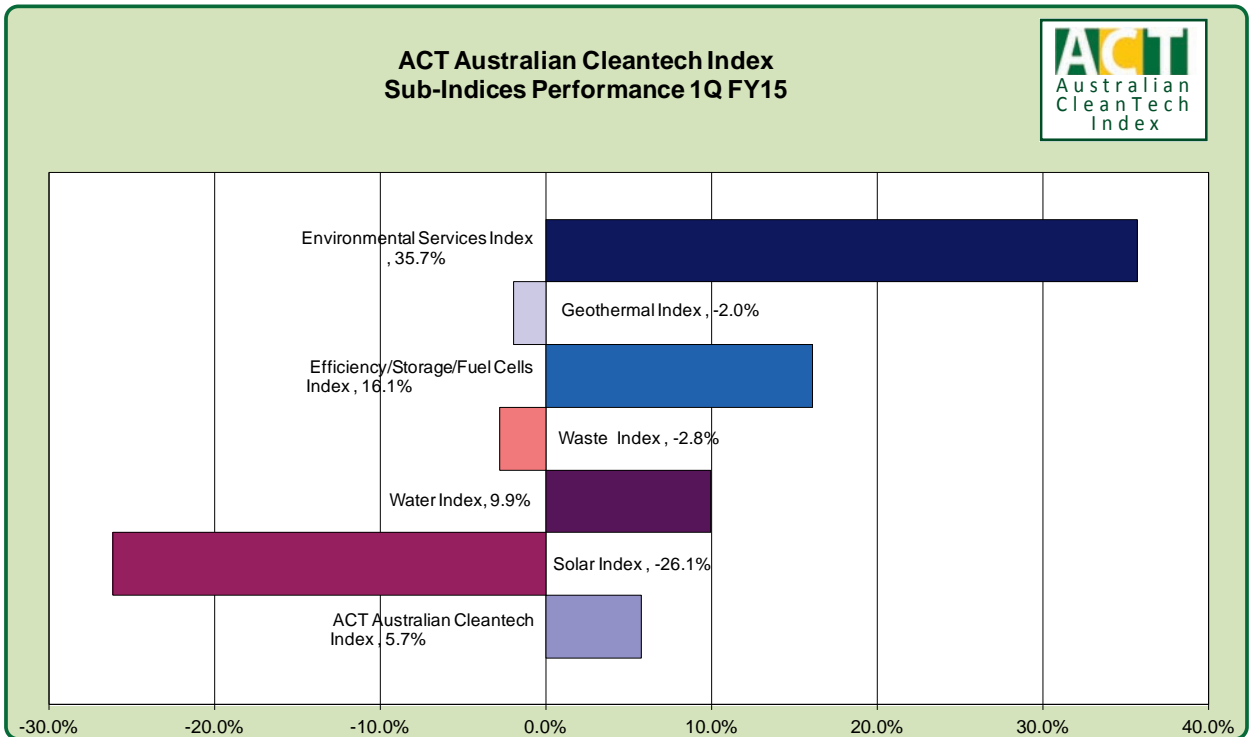
To provide an analysis of the ACT Australian CleanTech Index, sub-indices have been developed. The performance of each of these sub-indices over the last five financial years and during 1Q of FY15 is shown in the table and charts below.

The best performing sectors for the three months to September 2014 were ACT Environment Index and the ACT Efficiency/Storage/Fuel Cells Index. The worst performer was the ACT Solar Index.

ACT Australian CleanTech Sub-Indices

	FY10	FY11	FY12	FY13	FY14	1Q FY15
ACT Solar Index	-35.1%	-40.8%	-5.7%	-27.6%	-37.7%	-26.1%
ACT Wind Index*	-40.1%	-24.4%	N/a*	-	-	-
ACT Biofuel Index*	12.8%	-24.5%	-44.8%	-44.3%	-	-
ACT Water Index	-22.8%	19.8%	1.6%	-14.6%	26.3%	9.9%
ACT Waste Index	-35.0%	-3.3%	-36.9%	-3.4%	18.3%	-2.8%
ACT Efficiency/Storage/ Fuel Cells Index	6.2%	-1.2%	-23.5%	-27.9%	2.9%	16.1%
ACT Geothermal Index	-57.3%	-18.6%	-44.7%	-48.8%	-33.2%	-2.0%
ACT Environment Index	-52.6%	-25.2%	-29.8%	-44.5%	32.6%	35.7%

*: Discontinued due to too few companies



4. Component Companies on 30 September 2014

The largest 20 largest Index constituents by market capitalisation on 30 September 2014 are provided in the table below. These companies will form the constituents of the Australian CleanTech 20 until the index is rebalanced again on 31 December 2014.

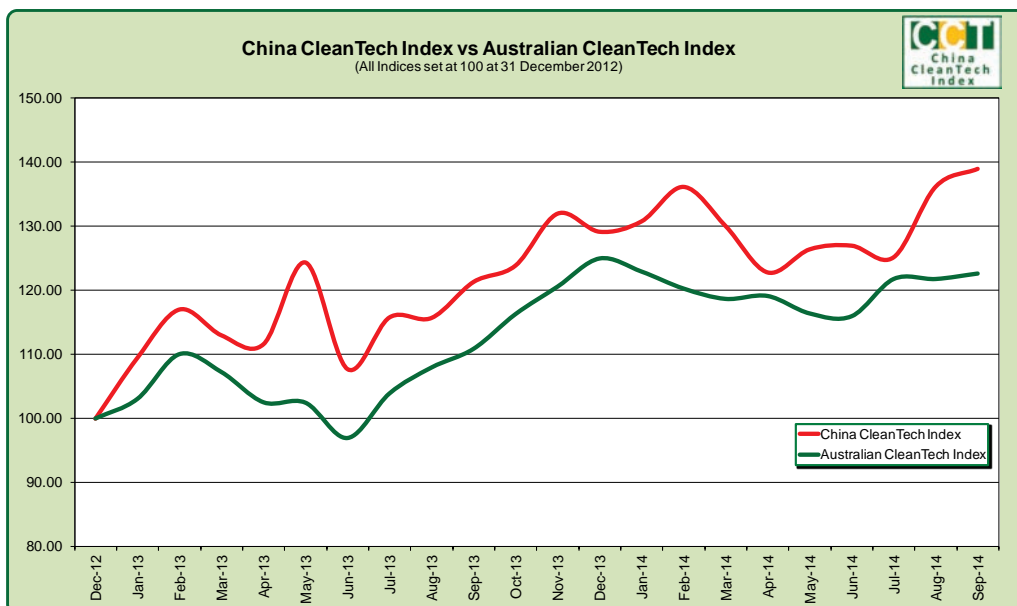
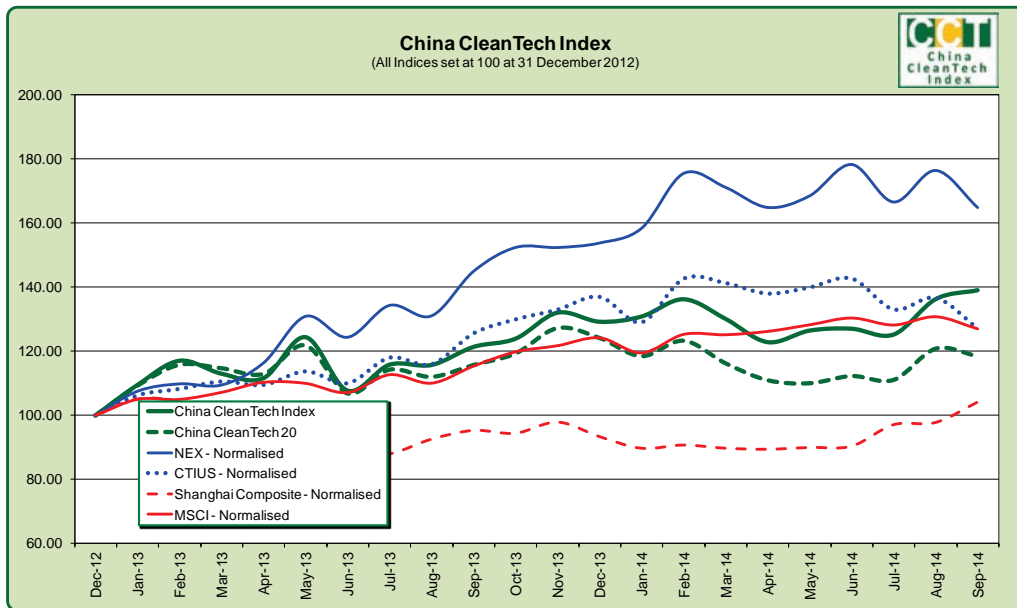
Market Cap Ranking	Company	Ticker
1	Reece Australia Holdings	REH
2	Mighty River Power	MYT
3	Sims Metal Management	SGM
4	Meridian Energy	MEZCA
5	Transpacific Industries	TPI
6	Energy Developments	ENE
7	Orocobre	ORE
8	Tox Free Solutions	TOX
9	Nanosonics	NAN
10	Beacon Lighting Corp	BLX
11	Infigen Energy	IFN
12	Pacific Energy	PEA
13	Sylex Systems	SLX
14	Pro-Pac Packaging	PPG
15	Carnegie Wave Energy	CWE
16	RedFlow	RFX
17	Coffey	COF
18	Dyesol	DYE
19	Gale Pacific	GAP
20	Novarise Renewable Resources	NOE

The one company joining the Australian CleanTech 20 going forward is RedFlow Ltd replacing Galaxy Resources. Each of the constituents in the Australian CleanTech 20 has a market capitalisation of more than \$68m.

For a full listing of all companies included in the ACT Australian CleanTech Index, please email your request to index@auscleantech.com.au.

5. China CleanTech Index

Australian CleanTech, through its Beijing-based Chinese operations, publishes the China CleanTech Index. This index tracks all 165 Chinese-based listed cleantech companies with a combined market capitalisation of US\$185 billion and provides the definitive measure of Chinese cleantech stocks for global markets. The charts below show the performance of the China CleanTech Index against its benchmarks from December 2012 to the end of September 2014 and also show the relative performance of the China CleanTech Index against the ACT Australian CleanTech Index.



Full details of the China CleanTech Index can be downloaded from www.sinocleantech.com, where it is also possible to sign up to receive the monthly performance reports.