

ACT Australian CleanTech Index

1Q FY13

Quarterly Performance Report

October 2012

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ACT Australian CleanTech Index reports, please see

www.auscleantech.com.au/Pages/cleantech.html

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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, Green Buildings & Biomaterials
Biofuels	Energy Storage & Fuel Cells
Water	Wave, Tidal & Hydro
Environmental Services	Biogas
Low Emissions Vehicle Technologies	Geothermal – Hot dry rocks and conventional
Carbon Trading	

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 over 70 companies falling under the coverage of the Index and with a combined market capitalisation of nearly \$7Bn, the ACT Australian CleanTech Index presents for the first time a 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 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 FY13

ACT Australian CleanTech Index outperformed both the S&P ASX200 and the S&P ASX Small Ordinaries for the month of September 2012, the second month in a row of good performances.

The ACT Australian CleanTech Index rose from 33.1 to 34.4 over the month of September recording a 3.7% gain. This compared to the S&P ASX200 gain of 1.4% and the S&P ASX Small Ordinaries Index gain of 3.0%. The Australian CleanTech 20 fared slightly better with a gain of 4.1%.

Over the first quarter of the 2013 fiscal year, the ACT Australian CleanTech Index recorded a healthy gain of 7.1%, ahead of both the 6.9% gain of the S&P ASX200 and the 5.8% gain of the S&P ASX Small Ordinaries. The figures for the ACT Australian CleanTech Index over the last six months, 12 months and 3 years are however all still underperforming the general market.

Percentage Change	FY07	FY08	FY09	FY10	FY11	FY12	SEP'12	1Q FY13	6 Mnths	12 Mnths	3Yrs
ACT Australian CleanTech Index	42.9%	-16.0%	-38.7%	-32.0%	-8.1%	-30.3%	3.7%	7.1%	-16.3%	-5.6%	-54.0%
Australian CleanTech 20	56.4%	-21.4%	-37.8%	-16.3%	-17.6%	-29.2%	4.1%	8.3%	-15.0%	-1.3%	-56.4%
S&P/ASX200	25.4%	-16.4%	-25.8%	11.8%	4.2%	-9.6%	1.4%	6.9%	0.9%	9.2%	-7.9%
S&P/ASX Small Ords	40.4%	-23.0%	-32.4%	10.5%	9.5%	-15.0%	3.0%	5.8%	-10.8%	0.8%	-10.8%

The market capitalisation of the 71 stocks in the ACT Australian CleanTech Index is A\$6.9 billion, after its rebalance, falling from its peak of \$16.3 billion in July 2007 but up from its minimum of A\$6.5 billion in September 2011.

Best and Worst Stocks

The best and worst performers in terms of share price performance over the first quarter of the 2013 fiscal year are shown in the table below.

September 2012	
Best Performers Share Price Gain > 20%	Worst Performers Share Price Loss > 20%
Intec Eco Quest Galaxy Resources Orocobre Energy Developments Vmoto	Solco CBD Energy Genisis R&D Island Sky Papyrus Australia Electrometals Cardia BioPlastics Hot Rock BioProspect
1Q FY13	
Best Performers Share Price Gain > 20%	Worst Performers Share Price Loss > 30%
Sylex Systems Infigen Energy Transpacific Industries Medivac Traffic Technologies Eco Quest Orocobre Carnegie Wave Energy Vmoto Torrens Energy	Quantum Energy CBD Energy Mission NewEnergy Genisis R&D Water Resources Group Papyrus Australia Ceramic Fuel Cells Petratherm Panax Geothermal Earth Heat Resources Hot Rock Carbon Conscious Environmental Group Soil Sub Technologies

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:

- the removal of **Dolomatrix International Limited (ASX:DMX)** following the sale of its assets to Tox Free Solutions Ltd (ASX:TOX).

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

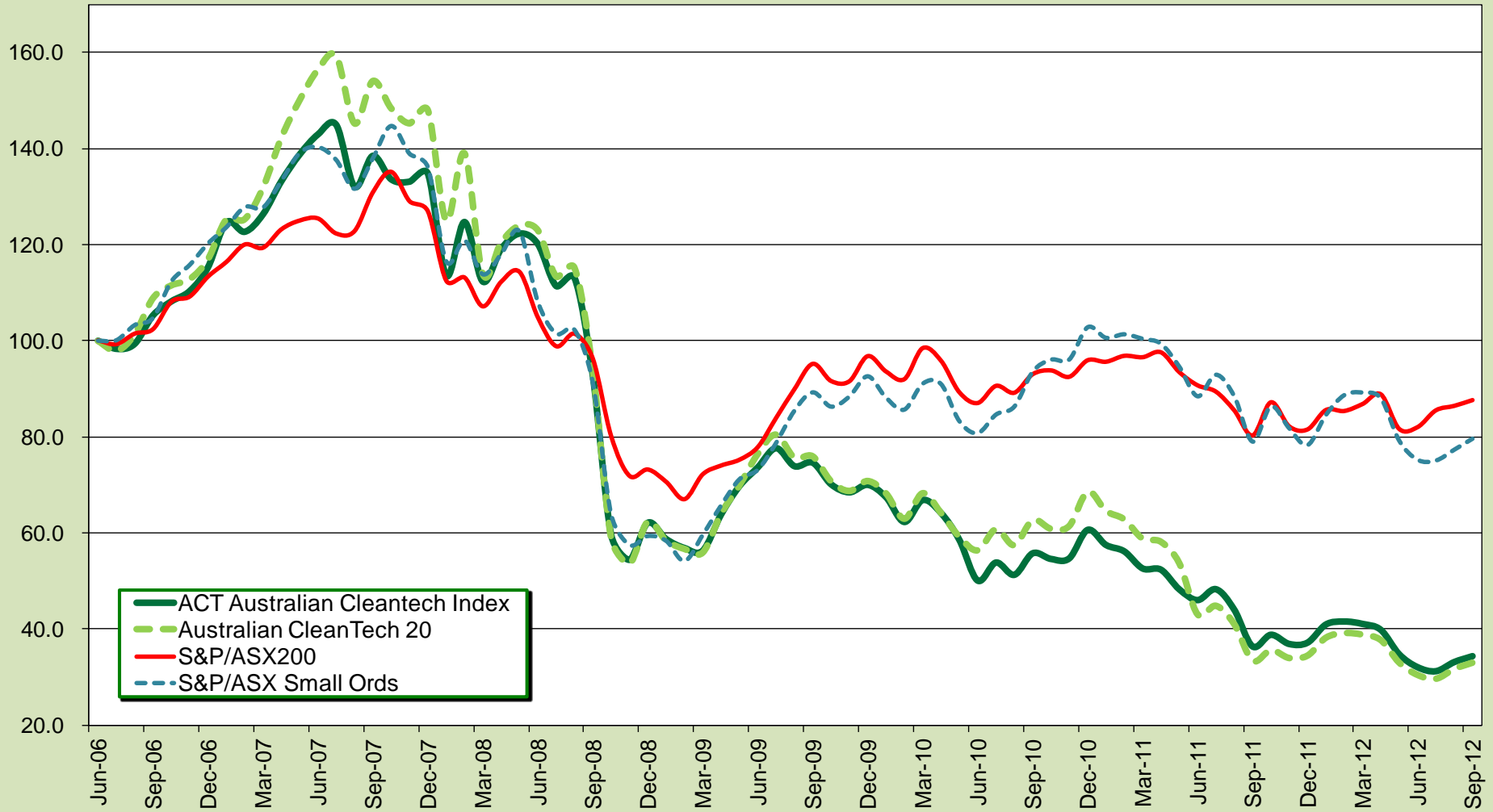
- **Green Rock (ASX:GRK)** which has bought into an oil and gas exploration project in the Kimberly region of WA.
- **BioProspect (ASX:BPO)** which has bought into an oil and gas exploration project in the Phillipines through its investment in Frontier Gasfields.

A watching brief is also being maintained on the following companies that are not currently in the Index, but which may qualify on the future:

- **Energy Action Ltd (ASX:EAX)** which is currently a wholesale energy trader and assists customer to find the best energy deal but also has minor operations in energy efficiency management.
- **Actinogen Ltd (ASX:ACW)** which is primarily a Pharmaceuticals, Biotechnology & Life Sciences company but also has research activity into cellulosic biofuels.

ACT Australian CleanTech Index

(ACT/AC Index, S&P/ASX200 and S&P/ASX Small Ords Indices set at 100 at 30 June 2006)



3. Component Sub-Indices

To provide an analysis of the ACT Australian CleanTech Index, eight sub-indices have been developed. The performance of each of these sub-indices over the last six financial years and during 1Q FY13 is shown in the table and charts below.

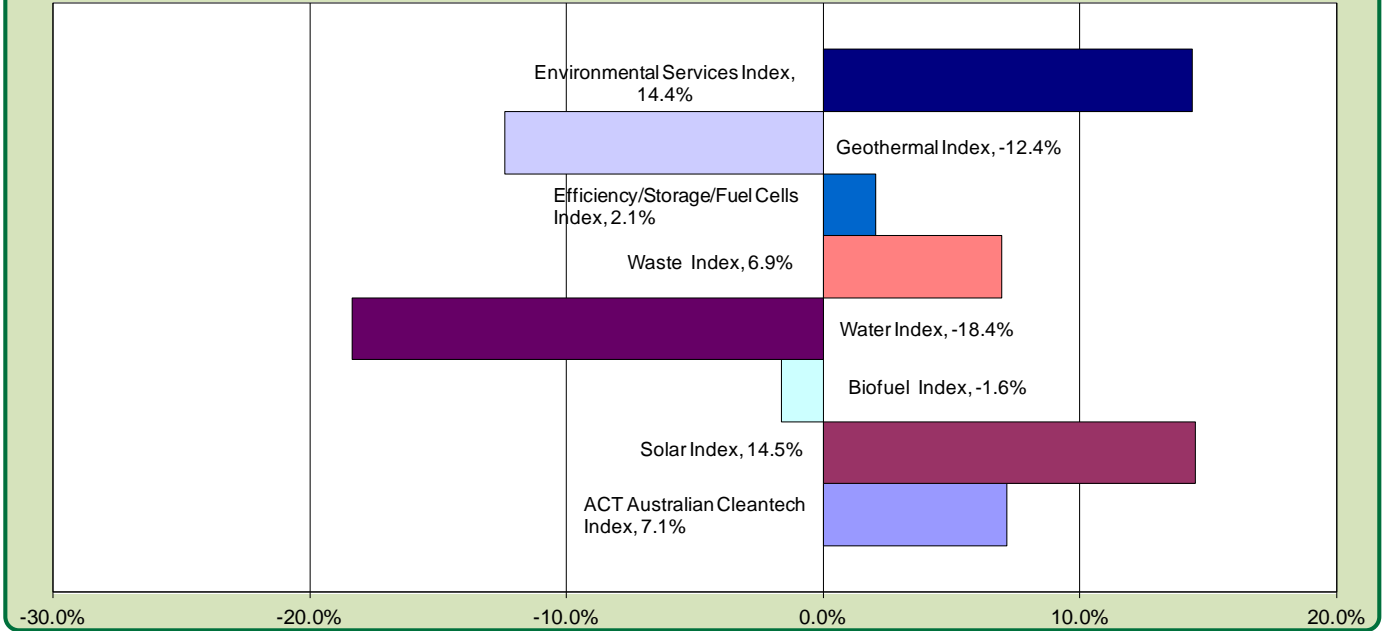
The best performing sectors for the three months to September 2012 were ACT Solar Index, the ACT Environmental Services Index and the ACT Waste Index, each of which had gains in excess of 6%. The worst performers were the ACT Water Index and the ACT Geothermal Index.

ACT Australian CleanTech Sub-Indices

	FY07	FY08	FY09	FY10	FY11	FY12	1Q FY13
ACT Solar Index	36.5%	-31.1%	86.7%	-35.1%	-40.8%	-5.7%	14.5%
ACT Wind Index*	73.3%	-28.3%	-29.0%	-40.1%	-24.4%	-	-
ACT Biofuel Index	-46.2%	-55.5%	-60.4%	12.8%	-24.5%	-44.8%	-1.6%
ACT Water Index	32.9%	-18.9%	-25.2%	-22.8%	19.8%	1.6%	-18.4%
ACT Waste Index	56.3%	-0.4%	-44.3%	-35.0%	-3.3%	-36.9%	6.9%
ACT Efficiency/Green Buildings/Biomaterials/ Energy Storage/Fuel Cells Index	58.5%	-47.1%	-65.1%	6.2%	-1.2%	-23.5%	2.1%
ACT Geothermal Index	205.9%	-29.6%	-38.9%	-57.3%	-18.6%	-44.7%	-12.4%
ACT Environmental Services Index	12.1%	-34.1%	-6.7%	-52.6%	-25.2%	-29.8%	14.4%

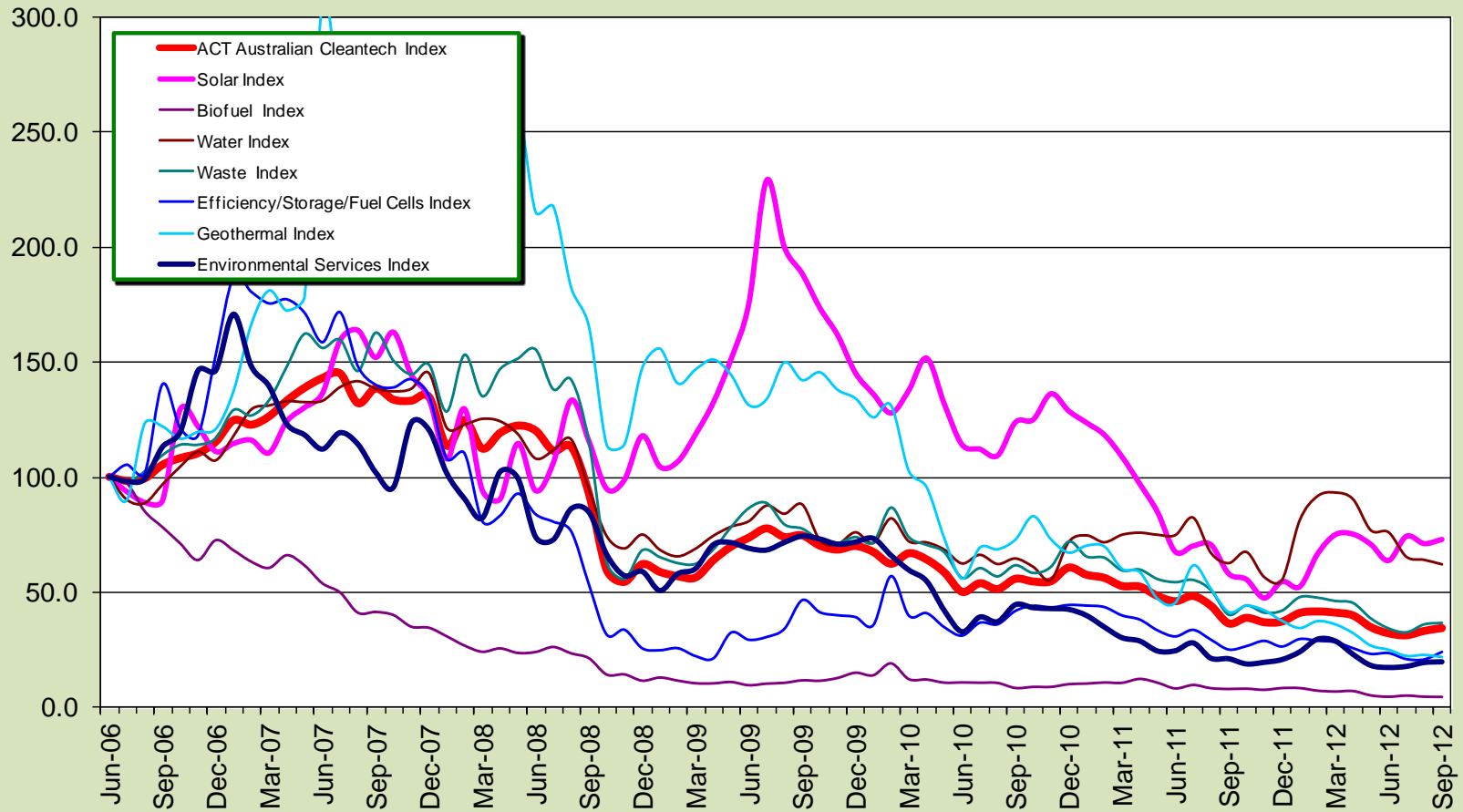
*: ACT Wind Index discontinued on 1 July 2011 due to too few companies

**ACT Australian Cleantech Index
Sub-Indices Performance 1Q FY13**



ACT Australian CleanTech Index Sub-Indices Chart

(ACT/AC Index and all ACT Cleantech Sub-Indices set at 100 at 30 June 2006)



4. Component Companies on 30 September 2012

The largest 20 largest Index constituents by market capitalisation on 30 September 2012 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 2012.

The only change in the constituents of the Australian CleanTech 20 is that CMA Corporation has been removed and replaced by Sterihealth. During 2012, the only other entrant to the index has been Carnegie Wave Energy with Australian Renewable Fuels making a single quarter appearance (a 'oncer' maybe!) and Algae.Tec and Redflow Energy dropping out of the index since 1 January 2012.

Market Cap Ranking	Company
1	Sims Metal Management
2	Transpacific Industries
3	Sylex Systems
4	Energy Developments
5	Tox Free Solutions
6	Galaxy Resources
7	Orocobre
8	Infigen Energy
9	Pacific Energy
10	Nanosonics
11	Coffey Environments
12	Pro-Pac Packaging
13	Gale Pacific
14	Ceramic Fuel Cells
15	Novarise Renewable Resources
16	Wasabi Energy
17	Geodynamics
18	Carnegie Wave Energy
19	CO2 Group
20	Sterihealth Limited

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