GLOBAL TRENDS IN CLEAN ENERGY INVESTMENT

STRONGER QUARTER FOR CLEAN ENERGY INVESTMENT, AS SOLAR THERMAL PROJECTS ATTRACT BILLIONS OF DOLLARS

FACT PACK AS AT Q2 2011

14 JULY 2011

Bloomberg
NEW ENERGY FINANCE

CONTENTS

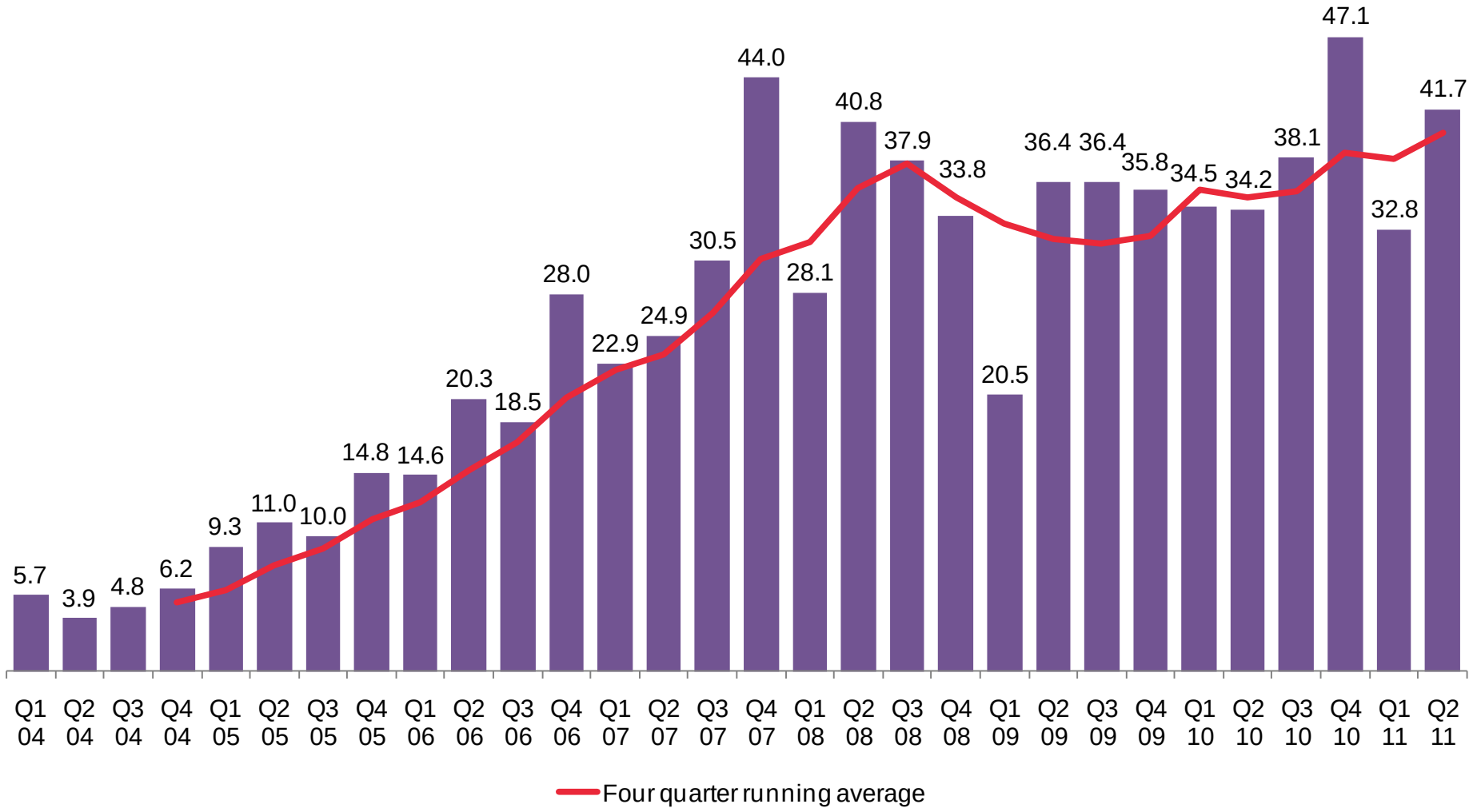
1. Global clean energy new financial investment overview

2. Global clean energy acquisitions overview

3. Appendix

NEW FINANCIAL INVESTMENT IN CLEAN ENERGY

Q1 2004–Q2 2011 ($BN)

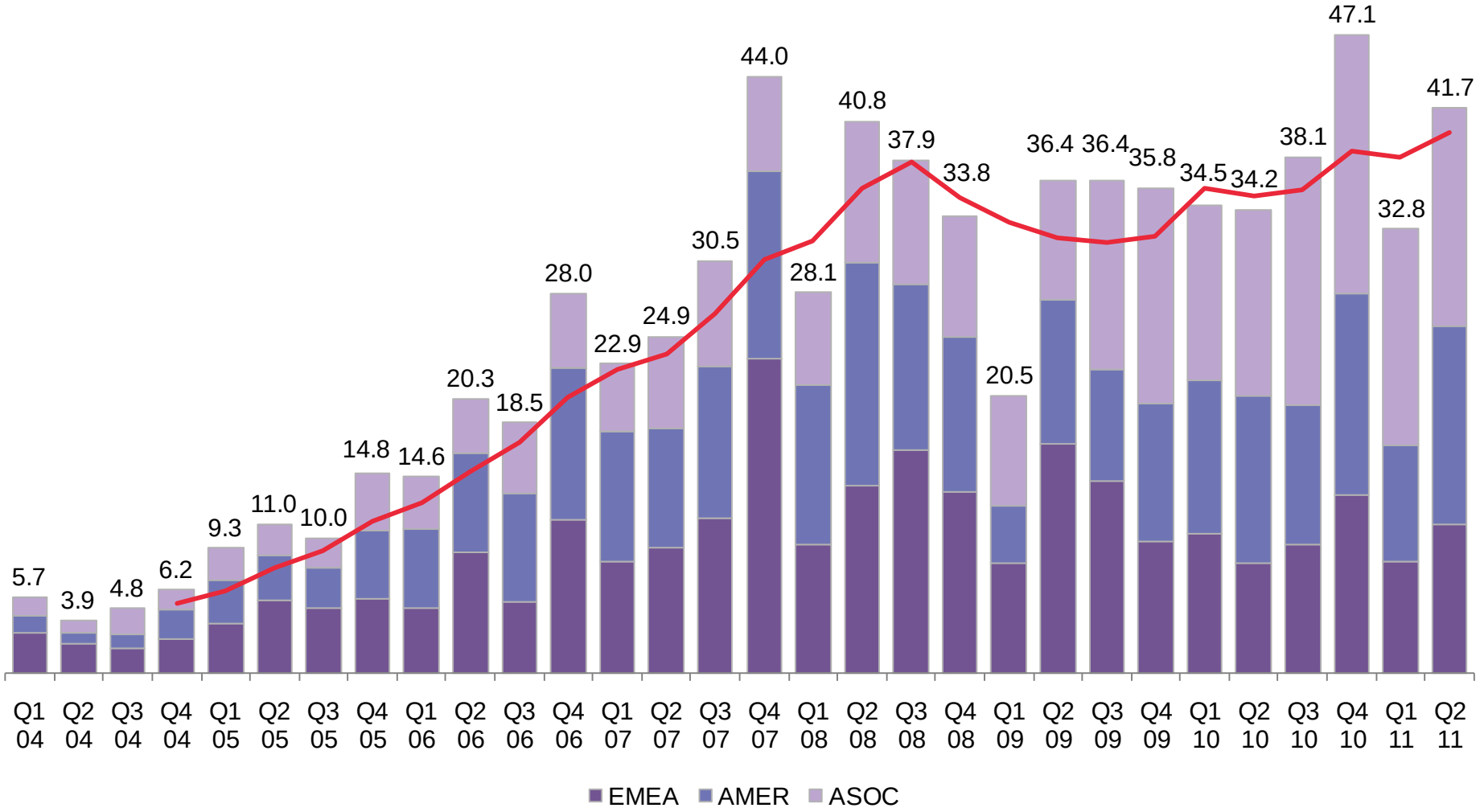


Note: Excludes corporate and government R&D, and small distributed capacity. Not adjusted for re-invested equity

Source: Bloomberg New Energy Finance

NEW FINANCIAL INVESTMENT IN CLEAN ENERGY BY REGION,

Q1 2004–Q2 2011 ($BN)

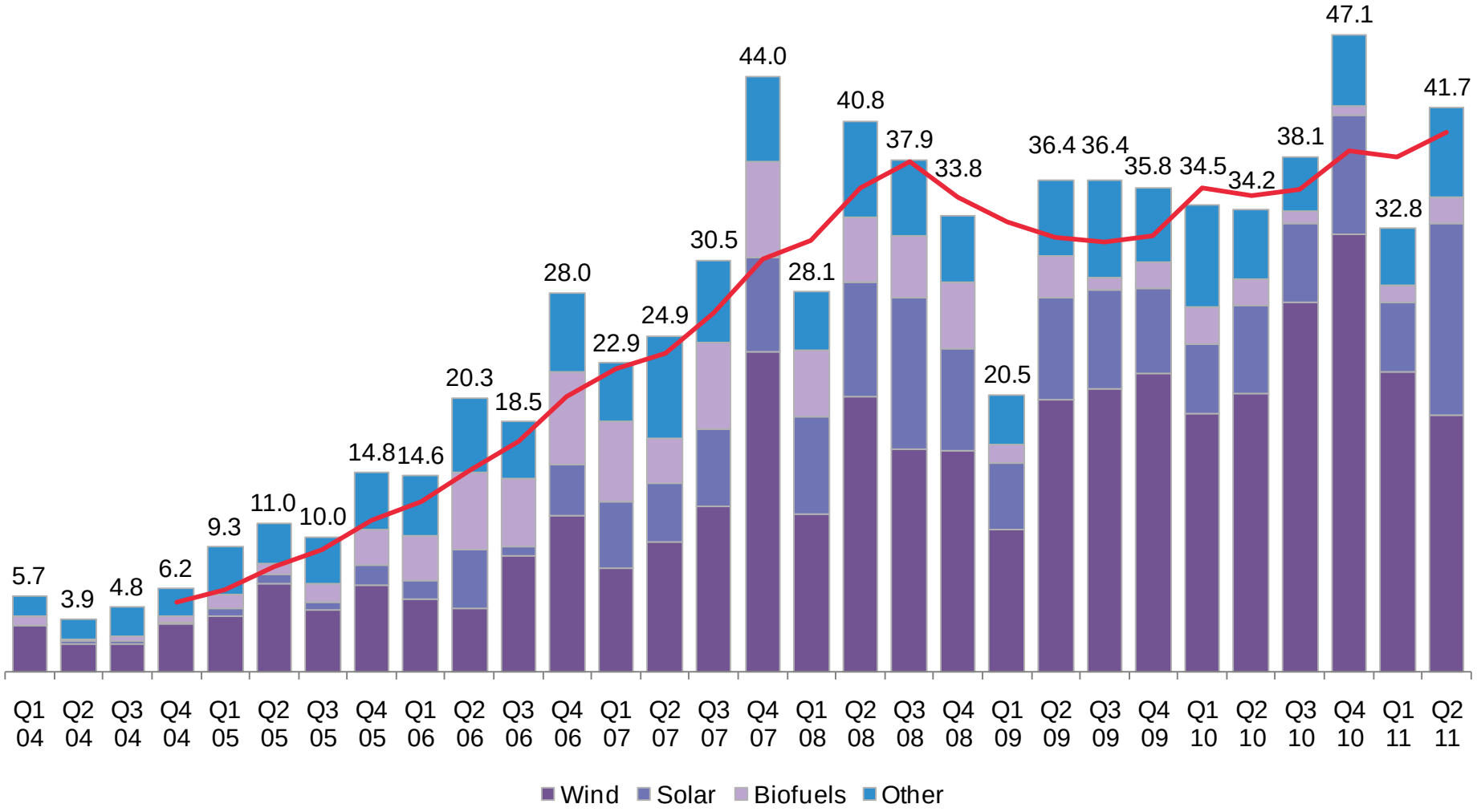


Note: Excludes corporate and government R&D, and small distributed capacity. Not adjusted for re-invested equity

Source: Bloomberg New Energy Finance

NEW FINANCIAL INVESTMENT IN CLEAN ENERGY BY SECTOR

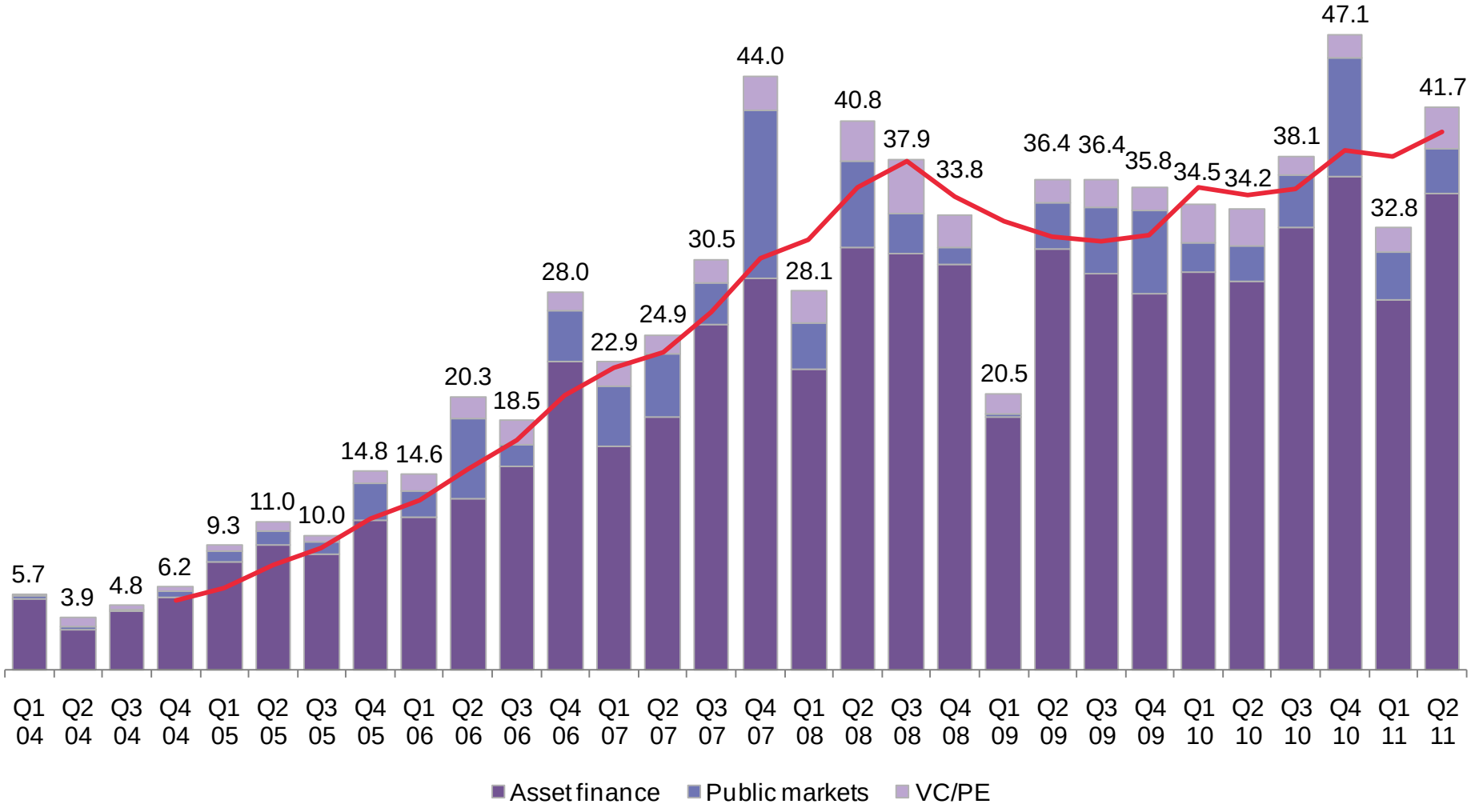
Q1 2004–Q2 2011 ($BN)



Note: Excludes corporate and government R&D, and small distributed capacity. Not adjusted for re-invested equity

Source: Bloomberg New Energy Finance

NEW FINANCIAL INVESTMENT IN CLEAN ENERGY BY ASSET CLASS, Q1 2004–Q2 2011 ($BN)

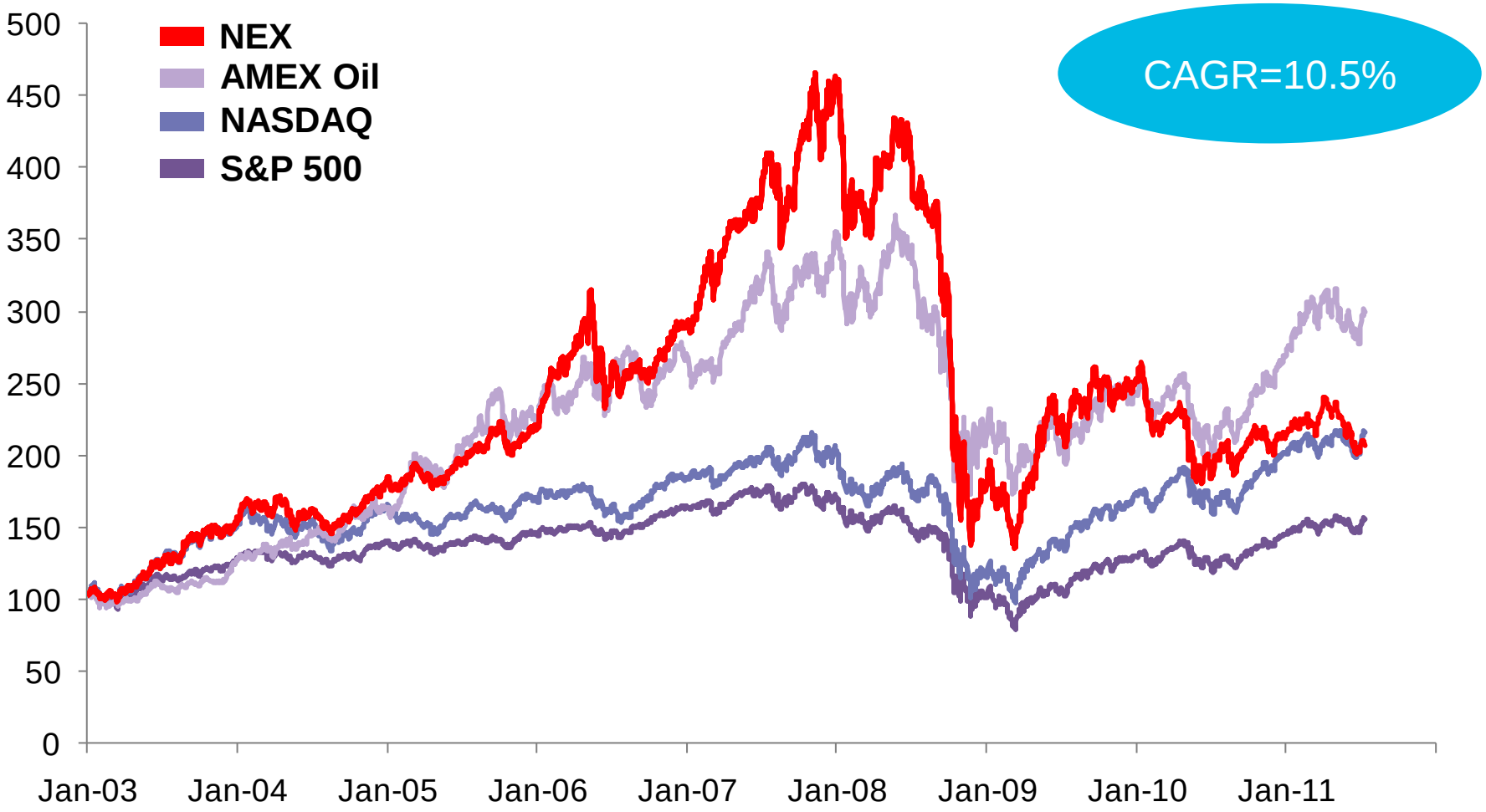


Note: Excludes corporate and government R&D, and small distributed capacity. Not adjusted for re-invested equity

Source: Bloomberg New Energy Finance

NEX CLEAN ENERGY INDEX

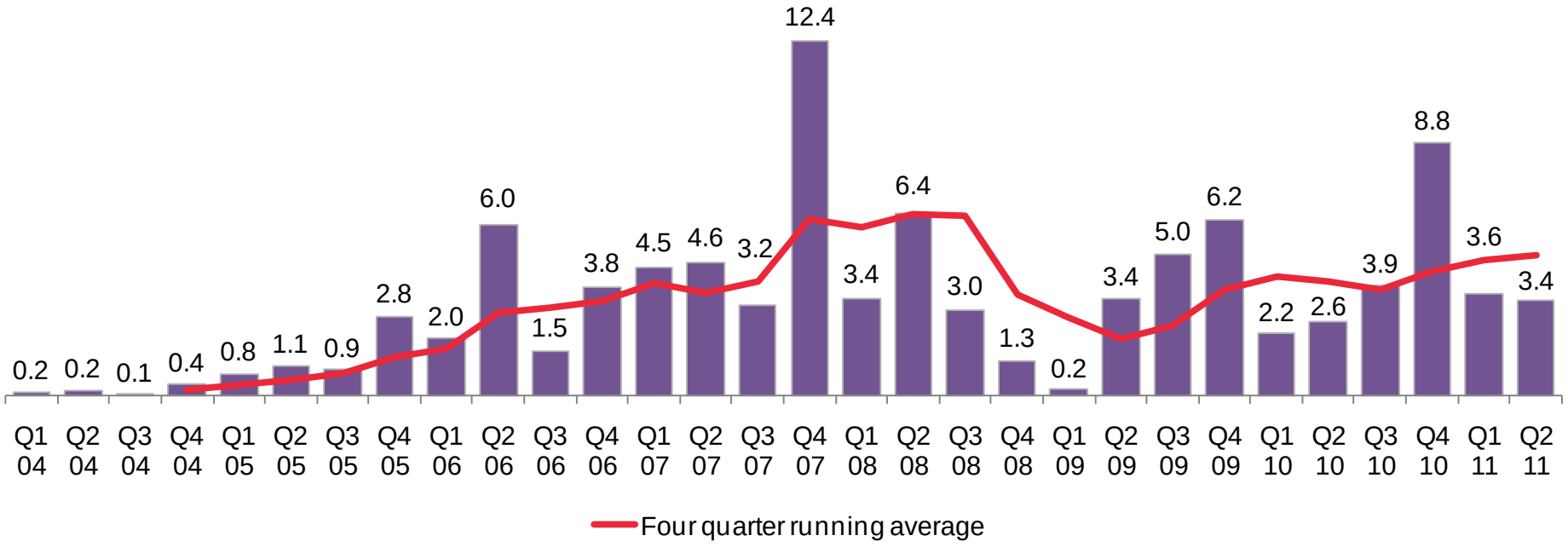
2003 – 2011 YTD



Note: Values as of 8 Jul 2011; AMEX Oil, NASDAQ and S&P 500 rebased to 100 on 01 Jan 2003

Source: Bloomberg New Energy Finance

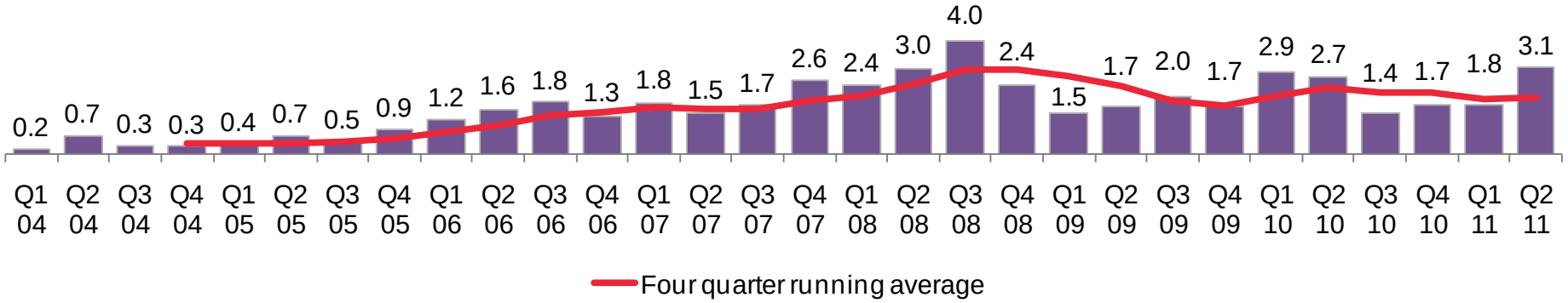
GLOBAL PUBLIC MARKET NEW INVESTMENT IN CLEAN ENERGY, Q1 2004–Q2 2011 ($BN)



Source: Bloomberg New Energy Finance

GLOBAL VC AND PE NEW INVESTMENT IN CLEAN ENERGY

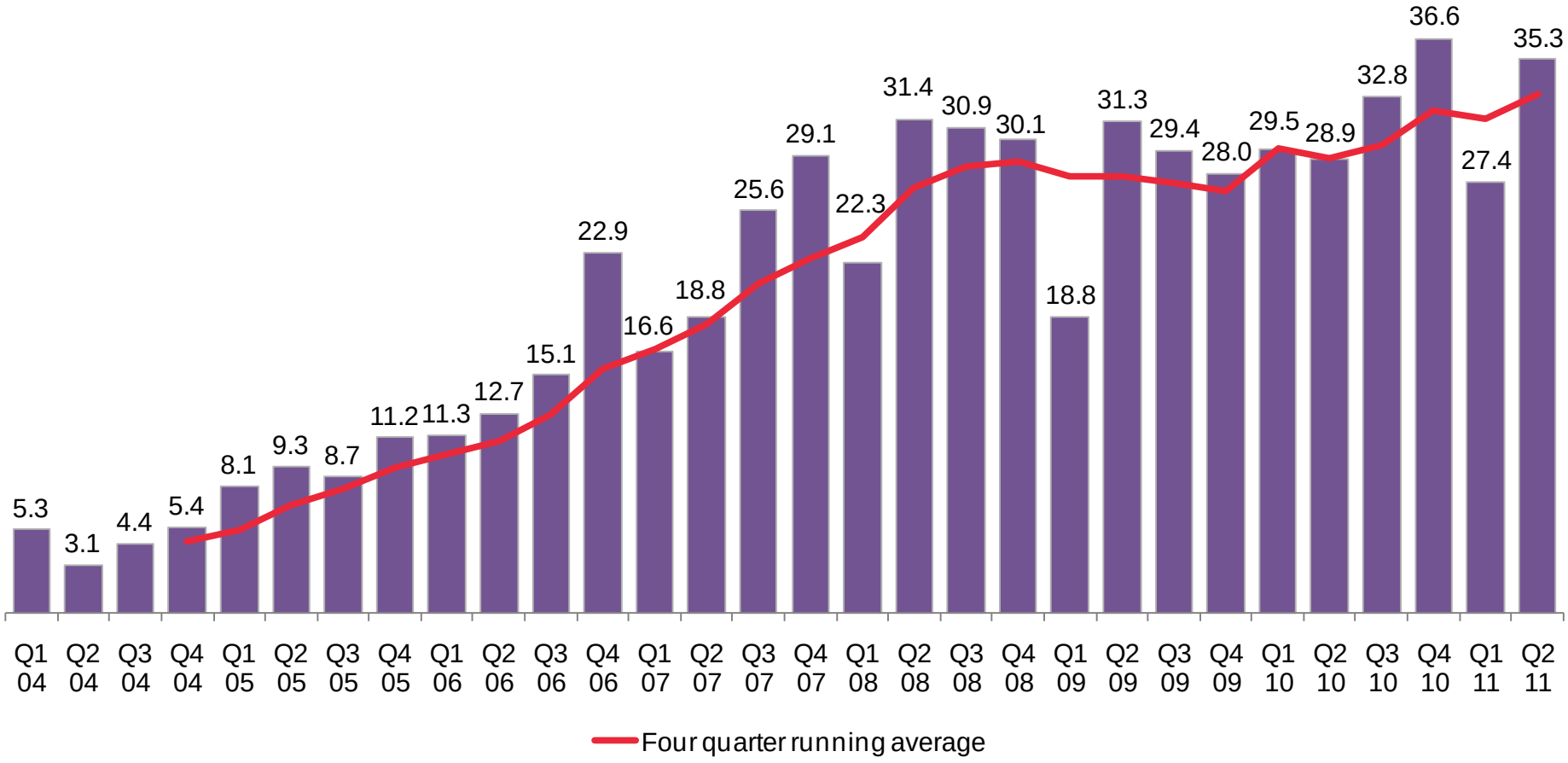
Q1 2004–Q2 2011 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

GLOBAL ASSET FINANCING FOR NEW BUILD CLEAN ENERGY ASSETS, Q1 2004–Q2 2011 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

CONTENTS

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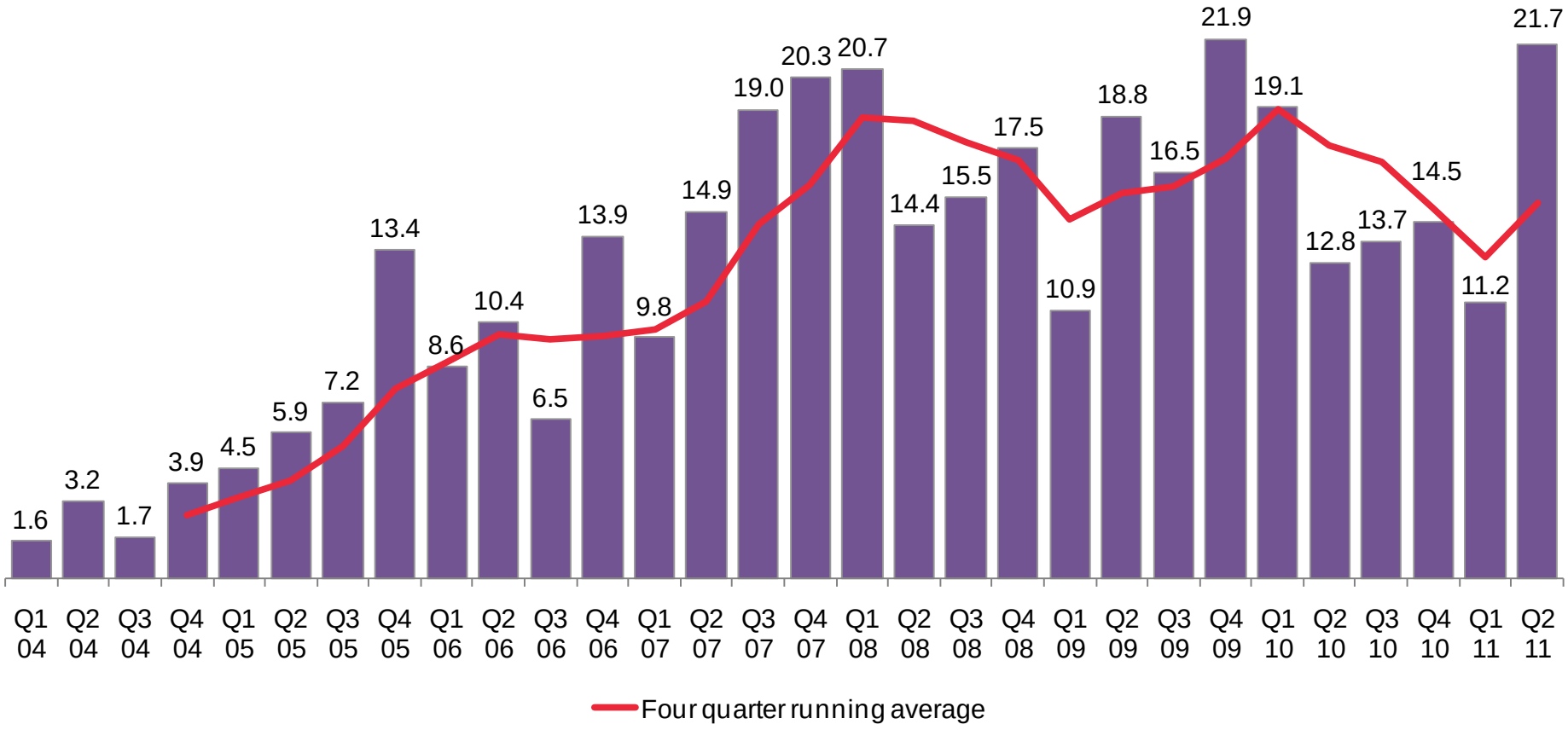
2. Global clean energy acquisitions overview

3. Appendix

GLOBAL ACQUISITION TRANSACTIONS IN CLEAN ENERGY

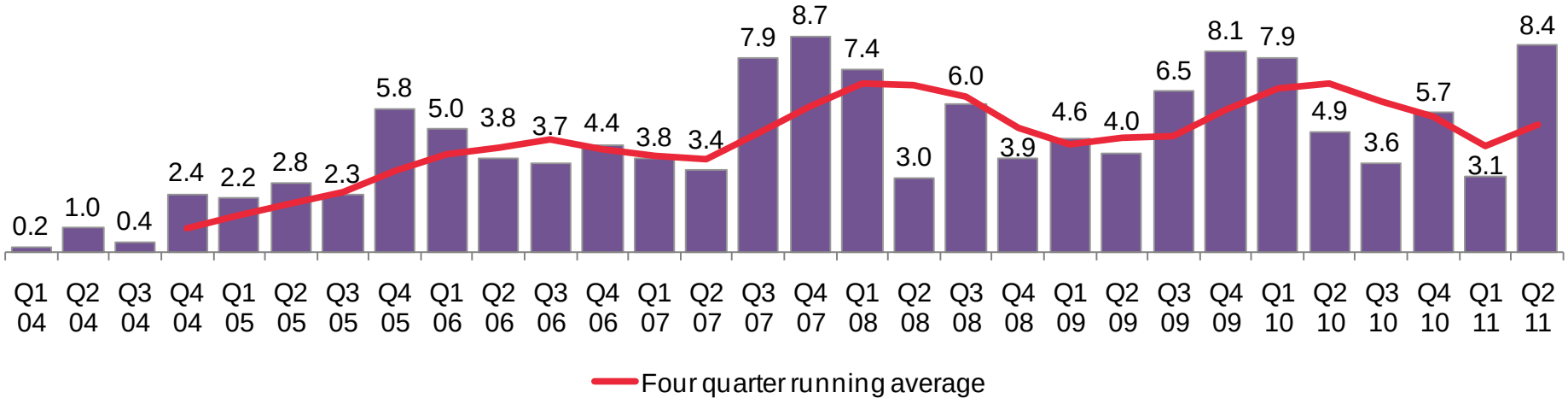
Q1 2004–Q2 2011 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

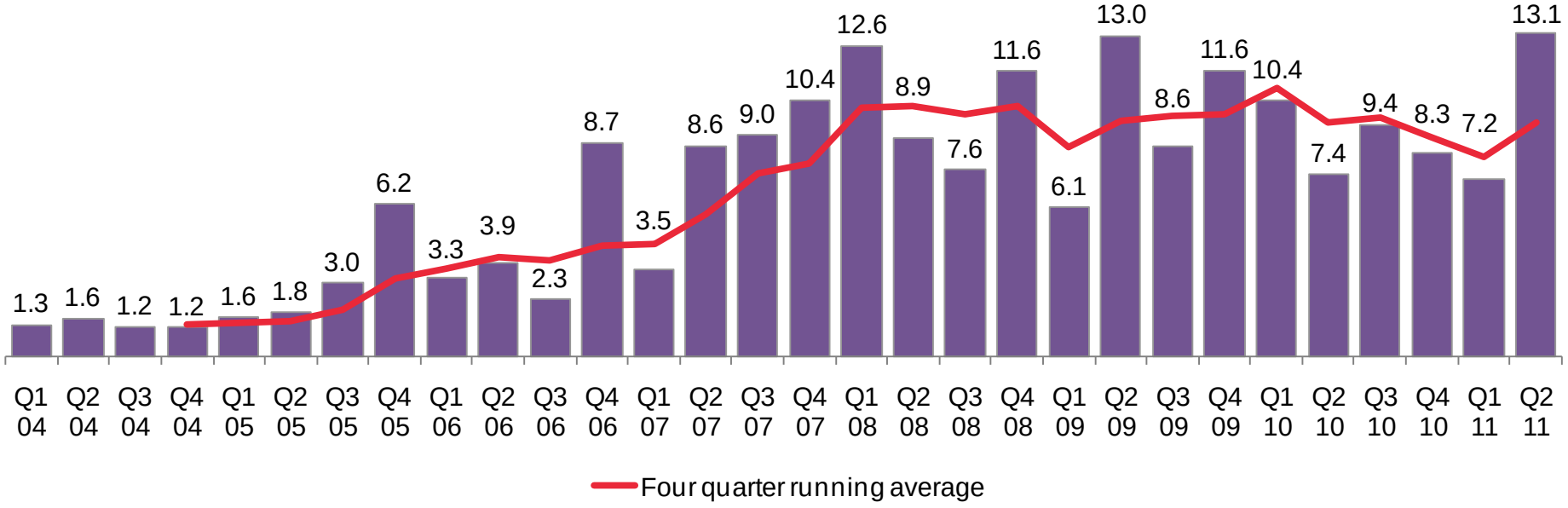
GLOBAL CORPORATE M&A TRANSACTIONS IN CLEAN ENERGY, Q1 2004–Q2 2011 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

GLOBAL RENEWABLE ENERGY ASSET ACQUISITIONS & REFINANCING, Q1 2004–Q2 2011 ($BN)



Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

CONTENTS

1. Global clean energy new investment overview

2. Global clean energy new financial investment overview

3. Appendix

TOP PUBLIC MARKET TRANSACTIONS OF THE QUARTER

Q2 2011 ($BN)

ORGANISATION	STOCK EXCHANGE	SECTOR	TYPE OF TRANSACTION	NEW EQUITY RAISED	TOTAL OFFERING SIZE
Huaneng Renewables Corp Ltd	Hong Kong Stock Exchange (HKEX)	Wind	IPO	$799m	$799m
Contact Energy Ltd	New Zealand Stock Exchange (NZX)	Geothermal	Rights Issue	$275m	$275m
Ningbo Sanxing Electric Co Ltd	Shanghai Stock Exchange	Digital Energy	IPO	$207m	$207m
Solazyme Inc	NASDAQ Global Market (GM)	Biofuels	IPO	$187m	$198m
Jiangsu Jixin Wind Energy Technology Co Ltd	Shanghai Stock Exchange	Wind	IPO	$176m	$176m

Source: Bloomberg New Energy Finance

GLOBAL ASSET FINANCE SUMMARY

Q2 2011 ($BN)

TYPE OF INVESTMENT	AMOUNT	NO. OF DEALS
Total new build asset financing	$35.3bn	284
Refinancing	$4.8bn	9
Acquisition	$8.3bn	46
Total refinancing & acquisitions	$13.1bn	55
Total asset financing	**$48.4bn**	**339**

REGION	AMOUNT	NO. OF DEALS
China	$10.0bn	110
United States	$8.2bn	34
Europe	$7.7bn	43
India	$2.3bn	26
Brazil	$2.3bn	9
Other EMEA	$2.2bn	4
Other AMER	$1.6bn	10
Other ASOC	$1.1bn	8
Total new build asset financing	**$35.3bn**	**284**

SECTOR	AMOUNT	NO. OF DEALS
Wind	$17.3bn	140
Solar	$12.9bn	64
Biomass & Waste	$2.1bn	25
Geothermal	$1.5bn	3
Biofuels	$1.3bn	5
Small Hydro	$0.2bn	7
Marine	-	-
Total new build asset financing	**$35.3bn**	**284**

Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

GLOBAL VC AND PE SUMMARY

Q2 2011 ($BN)

STAGE/TYPE OF INVESTMENT	AMOUNT	NO. OF DEALS
VC early stage	$0.5bn	53
VC late stage	1.1bn	42
Total VC	$1.6bn	95
PE expansion capital	$1.5bn	22
Total VCPE new investment in companies	$3.1bn	117
PE buy-out	$0.1bn	1
Total VCPE for companies	$3.2bn	118
PE for projects	$1.3bn	16
Total invested by the venture capital and private equity community	**$4.5bn**	**134**

REGION	AMOUNT	NO. OF DEALS
United States	$1.4bn	81
Europe	$1.0bn	23
China	$0.4bn	2
Other AMER	$0.1bn	5
Other ASOC	$0.1bn	2
India	$0.04bn	2
Other EMEA	$0.02bn	2
Brazil	-	-
Total VCPE new investment in companies	**$3.1bn**	**117**

SECTOR	AMOUNT	NO. OF DEALS
Solar	$1.0bn	31
Energy smart technologies	$0.9bn	51
Biomass & Waste	$0.8bn	11
Biofuels	$0.2bn	8
Wind	$0.2bn	11
Low carbon services & support	$0.01bn	2
Marine	$0.01bn	1
Geothermal	$0.001bn	1
Small hydro	-	-
Total VCPE new investment in companies	**$3.1bn**	**117**

Note: Total values include estimates for undisclosed deals

Source: Bloomberg New Energy Finance

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GLOBAL TRENDS IN CLEAN ENERGY INVESTMENT

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Carbon Capture & Storage
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Nuclear

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