

	Amount (USD)	Notes	Source
RENEWABLE ENERGY	\$449,700,000,000.00		
2007	\$183,300,000,000.00	NEF Total Transactions minus Gov't R&D, Biofuels and Clean Coal	http://sefi.unep.org/english/globaltrends2009.html
2008	\$198,600,000,000.00	NEF Total Transactions minus total R&D, Biofuels and Clean Coal	http://sefi.unep.org/english/globaltrends2009.html
2009 (thru Q3)	\$67,800,000,000.00	Likely includes some Biofuels and Clean Coal, but not R&D, M&A, PE buyouts or project acquisition and refinancing	http://www.newenergymatters.com/download.php?n=NEF_PR_2009_10_02_Q3_Investment.pdf&f=pdf&t=pressreleases
GREEN CONSTRUCTION	\$121,915,000,000.00	USGBC uses market estimates provided by McGraw Hill	
2007	\$28,180,000,000.00	May include public buildings	http://www.usgbc.org/ShowFile.aspx?DocumentID=6435
2008	\$41,921,000,000.00	May include public buildings	http://www.usgbc.org/ShowFile.aspx?DocumentID=6435
2009	\$51,814,000,000.00	May include public buildings	http://www.usgbc.org/ShowFile.aspx?DocumentID=6435
CLEANTECH	\$28,485,189,115.60		
VC (2007-2009)	\$8,373,947,839.60	(see Sheet2)	(see Sheet2)
IPO (2007-2009)	\$3,974,850,968.00	(see Sheet2)	(see Sheet2)
M&A (2007-2009)	\$16,136,390,308.00	(see Sheet2)	(see Sheet2)
CORPORATE R&D	\$22,895,456,878.00	(see Sheet3)	(see Sheet3)
COMMITMENTS	\$625,745,000,000.00	(see Sheet3)	(see Sheet3)
GRAND TOTAL	\$1,248,740,645,993.60		

Many figures have been converted into USD from other currencies. The figures will fluctuate day-to-day with exchange rates.

VC (2007-2009)		IPO (2007-2009)		M&A (2007-2009)	
	Amount (USD)		Amount (USD)		Amount (USD)
Agriculture	\$455,704,622.00	Agriculture	\$7,500,000.00	Agriculture	\$807,200,000.00
Aquaculture	\$11,215,000.00	Land Management	\$7,500,000.00	Land Management	\$807,200,000.00
Farms	\$2,600,000.00	Sustainable Forestry	\$7,500,000.00	Crop Yield	\$5,700,000.00
Health & Yield	\$8,615,000.00	Air & Environment	\$1,207,225.00	Precision Agriculture	\$780,000,000.00
Land Management	\$245,806,022.00	Cleanup/Safety	\$1,207,225.00	Smart Irrigation	\$21,500,000.00
Crop Yield	\$177,700,000.00	Leak Detection	\$1,207,225.00	Air & Environment	\$1,335,185,800.00
Precision Agriculture	\$6,600,000.00	Energy Efficiency	\$343,702,793.00	Cleanup/Safety	\$88,880,000.00
Smart Irrigation	\$13,030,000.00	Buildings	\$235,752,793.00	Remediation	\$88,880,000.00
Soil Products/Composting	\$1,000,000.00	Building Automation	\$147,752,793.00	Emissions Control	\$436,500,000.00
Sustainable Forestry	\$47,476,022.00	Building Envelope & Insulation	\$88,000,000.00	Sorbents	\$436,500,000.00
Natural Pesticides	\$198,683,600.00	Lighting	\$107,950,000.00	Monitoring/Compliance	\$68,640,800.00
Antimicrobial	\$39,340,000.00	Smart Lighting Systems	\$100,100,000.00	Sensors	\$7,220,000.00
Biological Control	\$85,743,600.00	Solid State Lighting	\$7,850,000.00	Software/Systems	\$61,420,800.00
Organic Fungicides	\$60,000,000.00	Energy Infrastructure	\$847,661,669.00	Trading & Offsets	\$741,165,000.00
Sustainable Fertilizers	\$13,600,000.00	Management	\$570,000,000.00	Carbon/Emissions	\$741,165,000.00
Air & Environment	\$249,730,198.00	Power Quality & Testing	\$570,000,000.00	Energy Efficiency	\$5,444,050,684.00
Cleanup/Safety	\$83,621,352.00	Transmission	\$277,661,669.00	Buildings	\$194,740,000.00
EHS & ERM	\$903,152.00	Smart Grid	\$277,661,669.00	Building Automation	\$12,000,000.00
Hazardous Waste/Toxins Control	\$31,500,000.00	Energy Storage	\$767,075,213.00	Building Envelope & Insulation	\$160,000,000.00
Leak Detection	\$28,759,300.00	Advanced Batteries	\$653,818,228.00	HVAC_R	\$22,740,000.00
Remediation	\$22,458,900.00	Lithium-Ion	\$645,400,000.00	Lighting	\$4,343,860,684.00
Emissions Control	\$61,145,371.00	Other Technologies	\$8,418,228.00	Ballasts & Controls	\$2,700,000,000.00
Cartridge/Electronic	\$37,670,000.00	Fuel Cells	\$95,544,460.00	Smart Lighting Systems	\$205,500,000.00
Catalytic Converters	\$17,773,105.00	Other Technologies	\$75,044,460.00	Solid State Lighting	\$1,438,360,684.00
Sorbents	\$5,702,266.00	Systems Integrators	\$20,500,000.00	Other	\$905,450,000.00
Monitoring/Compliance	\$46,316,790.00	Hybrid Systems	\$17,712,525.00	Appliances	\$384,900,000.00
Measurement & Testing	\$8,232,000.00	Flywheels	\$17,712,525.00	Consulting/Facility Management	\$456,800,000.00
Sensors	\$32,784,790.00	Manufacturing/Industrial	\$20,000,000.00	Consumer Education	\$25,750,000.00
Software/Systems	\$5,300,000.00	Smart Production	\$20,000,000.00	ESCOs	\$35,900,000.00
Trading & Offsets	\$58,646,685.00	Construction/Fabrication	\$20,000,000.00	Monitoring, Metering & Control	\$2,100,000.00
Carbon/Emissions	\$58,646,685.00	Materials	\$36,577,360.00	Energy Infrastructure	\$2,511,070,000.00
Energy Efficiency	\$1,870,895,659.60	Bio	\$36,577,360.00	Management	\$566,700,000.00
Buildings	\$493,352,966.60	Biodegradable Products	\$36,577,360.00	Power Monitoring & Metering	\$561,100,000.00
Building Automation	\$49,527,367.00	Recycling & Waste	\$208,209,600.00	Power Quality & Testing	\$5,600,000.00
Building Envelope & Insulation	\$248,257,600.00	Recycling	\$208,209,600.00	Other	\$142,000,000.00
Home Automation	\$62,840,000.00	Metals	\$186,198,600.00	Waste to Energy	\$142,000,000.00
HVAC_R	\$132,727,999.60	Services	\$22,011,000.00	Transmission	\$1,802,370,000.00
Glass	\$74,900,000.00	Transportation	\$333,557,495.00	Smart Grid	\$1,802,370,000.00
Electronic	\$74,900,000.00	Fuels	\$108,800,000.00	Energy Storage	\$883,487,824.00
Lighting	\$442,947,663.00	Fueling Infrastructure	\$108,800,000.00	Advanced Batteries	\$800,372,824.00
Ballasts & Controls	\$27,500,000.00	Logistics	\$9,456,255.00	Advanced pb-acid	\$3,000,000.00
Smart Lighting Systems	\$54,440,000.00	Fleet Tracking	\$9,456,255.00	Charging & Management	\$409,300,000.00
Solid State Lighting	\$361,007,663.00	Vehicles	\$215,301,240.00	Lithium-Ion	\$292,872,824.00
Other	\$859,695,030.00	Bicycles & Scooters	\$66,901,240.00	Nickle Zinc	\$14,200,000.00
Appliances	\$503,142,931.00	Rail Transport	\$34,500,000.00	Other Technologies	\$76,000,000.00
Consulting/Facility Management	\$59,537,000.00	Vehicle Components/Engines	\$113,900,000.00	Ultra-Capacitors	\$5,000,000.00
Consumer Education	\$20,500,000.00	Water & Wastewater	\$1,409,359,613.00	Fuel Cells	\$83,115,000.00
Efficient Motors	\$82,514,812.00	Wastewater Treatment	\$1,252,659,613.00	Other Technologies	\$61,055,000.00
ESCOs	\$21,230,000.00	Biological	\$5,659,613.00	PEM	\$9,600,000.00
Monitoring, Metering & Control	\$148,285,287.00	Mechanical	\$1,247,000,000.00	Solid Oxide	\$12,460,000.00
Sensors & Controls	\$24,485,000.00	Water Treatment	\$156,700,000.00	Manufacturing/Industrial	\$140,000,000.00
Energy Infrastructure	\$930,077,001.00	Desalination	\$68,700,000.00	Smart Production	\$140,000,000.00
Management	\$229,963,656.00	Filtration	\$88,000,000.00	Toxin/Waste Minimization	\$140,000,000.00
Power Conservation	\$24,510,000.00	Grand Total	\$3,974,850,968.00	Materials	\$126,700,000.00
Power Monitoring & Metering	\$151,895,000.00			Bio	\$8,000,000.00
Power Protection	\$11,750,000.00			Advanced Processes	\$8,000,000.00
Power Quality & Testing	\$41,808,656.00			Chemical	\$113,000,000.00
Transmission	\$700,113,345.00			Foils	\$113,000,000.00
Sensors & Controls	\$47,868,375.00			Nano	\$5,700,000.00
Smart Grid	\$652,244,970.00			Gels & Coatings	\$5,700,000.00
Energy Storage	\$1,347,055,206.00			Recycling & Waste	\$3,813,689,360.00
Advanced Batteries	\$913,141,300.00			Recycling	\$2,735,529,360.00
Advanced pb-acid	\$63,400,000.00			Food	\$610,000.00
Charging & Management	\$28,400,000.00			Metals	\$2,483,600,000.00
Flow Batteries	\$55,000,000.00			Mixed Wastes	\$21,244,000.00
Lithium-Ion	\$565,973,000.00			Oils/Lubricants	\$24,574,440.00
Nickle Zinc	\$30,000,000.00			Plastic/Rubber	\$66,855,000.00
Other Technologies	\$128,551,000.00			Services	\$118,215,920.00
Thin Film	\$26,317,300.00			Wood	\$20,430,000.00
Ultra-Capacitors	\$15,500,000.00			Waste Treatment	\$1,078,160,000.00
Fuel Cells	\$333,997,906.00			Biological Breakdown	\$772,000,000.00
Methanol	\$19,650,000.00			Environmental Disposal	\$294,960,000.00
Other Technologies	\$146,895,000.00			Hazmat Destruction	\$11,200,000.00
PEM	\$105,367,610.00			Transportation	\$869,480,000.00
Solid Oxide	\$18,740,796.00			Fuels	\$24,000,000.00
Systems Integrators	\$38,344,500.00			CNG/Engine Conversion	\$24,000,000.00
Zinc Air	\$5,000,000.00			Logistics	\$42,000,000.00
Hybrid Systems	\$99,916,000.00			Fleet Tracking	\$42,000,000.00
Flywheels	\$95,660,000.00			Vehicles	\$803,480,000.00
Hydrogen Storage	\$4,256,000.00			Bicycles & Scooters	\$2,230,000.00
Manufacturing/Industrial	\$294,936,044.00			Electric & Hybrids	\$795,000,000.00
Advanced Packaging	\$13,710,000.00			Vehicle Components/Engines	\$6,250,000.00
Containers	\$12,710,000.00			Water & Wastewater	\$1,667,412,440.00
Packing	\$1,000,000.00			Wastewater Treatment	\$789,122,374.00
Monitoring & Control	\$66,469,870.00			Biological	\$212,670,000.00
Sensors	\$66,469,870.00			Mechanical	\$225,135,000.00
Smart Production	\$214,756,174.00			Other	\$351,317,374.00
Construction/Fabrication	\$41,252,200.00			Water Conservation	\$154,000,000.00
Process Efficiency	\$77,482,020.00			Smart Metering & Control	\$43,000,000.00
Resource Utilization	\$25,500,000.00			Water Saving Appliances	\$111,000,000.00
Toxin/Waste Minimization	\$70,521,954.00			Water Treatment	\$724,290,066.00
Materials	\$668,268,443.00			Filtration	\$101,390,066.00
Bio	\$150,295,000.00			Purification	\$172,900,000.00
Advanced Processes	\$70,800,000.00			Wastewater Treatment	\$450,000,000.00
Biodegradable Products	\$79,495,000.00			Grand Total	\$16,136,390,308.00
Chemical	\$206,968,208.00				
Coatings	\$43,000,000.00				
Composites	\$97,064,208.00				
Polymers	\$66,904,000.00				
Nano	\$302,050,235.00				
Catalysts & Additives	\$27,700,000.00				
Gels & Coatings	\$19,712,000.00				
Lubricants/Films	\$5,000,000.00				
Other	\$236,438,235.00				
Powders	\$13,200,000.00				
Other	\$8,955,000.00				
Ceramics	\$8,955,000.00				
Recycling & Waste	\$742,522,430.00				
Recycling	\$599,549,830.00				
Metals	\$83,371,000.00				
Mixed Wastes	\$105,280,000.00				
Oils/Lubricants	\$92,077,450.00				
Paper	\$18,000,000.00				
Plastic/Rubber	\$207,298,400.00				
Services	\$90,130,000.00				
Sorting Technologies	\$3,392,980.00				
Waste Treatment	\$142,972,600.00				
Biological Breakdown	\$34,200,000.00				
Environmental Disposal	\$64,900,000.00				
Gasification	\$3,872,600.00				
Hazmat Destruction	\$40,000,000.00				
Transportation	\$1,364,235,626.00				
Fuels	\$215,640,000.00				
Fueling Infrastructure	\$211,750,000.00				
Improved Petroleum Based	\$3,890,000.00				
Logistics	\$130,359,626.00				
Fleet Tracking	\$4,318,626.00				
Traffic Monitoring Software	\$66,916,000.00				
Transportation Efficiencies	\$59,125,000.00				
Structures	\$1,500,000.00				
Light-weight	\$1,500,000.00				
Vehicles	\$1,016,736,000.00				
Bicycles & Scooters	\$45,700,000.00				
Electric & Hybrids	\$848,886,000.00				
Vehicle Components/Engines	\$122,150,000.00				
Water & Wastewater	\$450,522,610.00				
Wastewater Treatment	\$103,812,147.00				
Biological	\$31,305,050.00				
Mechanical	\$34,774,000.00				
Other	\$37,733,097.00				
Water Conservation	\$49,605,585.00				
Recycling & Management	\$2,000,000.00				
Smart Metering & Control	\$45,110,000.00				
Water Saving Appliances	\$2,495,585.00				
Water Treatment	\$297,104,878.00				
Contaminate Detection	\$4,151,000.00				
Desalination	\$79,466,000.00				
Filtration	\$59,864,710.00				
Purification	\$153,623,168.00				
Grand Total	\$8,373,947,839.60				

SOURCE:

All info from Andrew Thomson at Cleantech Group, Inc.

<http://cleantech.com/>

Commitments	Amount (USD)	Source
Soros	\$1,000,000,000.00	http://www.reuters.com/article/newsOne/idUSTRE5992BJ20091010
Desertec	\$604,080,000,000.00	http://af.reuters.com/article/investingNews/idAFJJOE5B10JG20091202?pageNumber=1&virtualBrandChannel=0&sp=true
Nissan	\$4,000,000,000.00	http://www.popularmechanics.com/automotive/new_cars/4334559.html
T. Boone Pickens	\$2,000,000,000.00	http://www.newsweek.com/id/210561
ArcelorMittal	\$150,000,000.00	http://www.altassets.com/private-equity-news/article/nz13793.html
Samsung	\$4,300,000,000.00	http://www.reuters.com/article/technology-media-telco-SP/idUSSEO3403820090720
Kia Motors	\$3,415,000,000.00	http://www.autoevolution.com/news/kia-motors-to-invest-23-billion-euros-in-european-green-plan-9194.html
Bayer	\$1,400,000,000.00	http://www.koreatimes.co.kr/www/news/biz/2009/08/123_50639.html
Bolloré Group	\$1,500,000,000.00	http://www.cleantech.com/news/5226/french-billionaire-bolloré-battery-ev-bol
Exxon	\$600,000,000.00	http://www.reuters.com/article/rbssEnergyNews/idUSLE64157320090714
Hyundai	\$3,300,000,000.00	http://green.autoblog.com/2009/07/24/hyundai-investing-3-3-billion-in-green-technologies-by-2013/
TOTAL	\$625,745,000,000.00	
Corporate R&D	Amount (USD)	Source
American Superconductor	\$14,713,000.00	http://finance.yahoo.com/q/is?s=AMSC
Ansys, Inc.	\$59,401,000.00	http://finance.yahoo.com/q/is?s=anss
Autodesk, Inc.	\$231,400,000.00	http://finance.yahoo.com/q/is?s=adsk
Corning, Inc.	\$418,000,000.00	http://finance.yahoo.com/q/is?s=glw
Cree, Inc.	\$55,821,000.00	http://finance.yahoo.com/q/is?s=cree
Dionex, Inc.	\$21,671,000.00	http://finance.yahoo.com/q/is?s=dnex
Donaldson, Inc.	\$40,643,000.00	http://finance.yahoo.com/q/is?s=dcj
Energy Conversion Devices	\$7,087,000.00	http://finance.yahoo.com/q/is?s=ener
Energy Recovery, Inc.	\$2,409,000.00	http://finance.yahoo.com/q/is?s=erii
EnerNOC, Inc.	\$5,524,000.00	http://finance.yahoo.com/q/is?s=enoc
First Solar, Inc.	\$54,445,000.00	http://finance.yahoo.com/q/is?s=fslr
Fuel Systems Solutions	\$9,047,000.00	http://finance.yahoo.com/q/is?s=fsys
GT Solar International	\$16,166,000.00	http://finance.yahoo.com/q/is?s=solr
Hexcel Corp.	\$22,600,000.00	http://finance.yahoo.com/q/is?s=hxl
Itron Inc.	\$93,044,000.00	http://finance.yahoo.com/q/is?s=itri
Kadant Inc.	\$4,251,000.00	http://finance.yahoo.com/q/is?s=kai
Landec Corp.	\$2,848,000.00	http://finance.yahoo.com/q/is?s=lndc
Lindsay Corporation	\$4,296,000.00	http://finance.yahoo.com/q/is?s=lnn
Martek Biosciences Corp.	\$13,761,000.00	http://finance.yahoo.com/q/is?s=matk
MEMC Electronic Materials	\$29,800,000.00	http://finance.yahoo.com/q/is?s=wfr
Pall Corp.	\$71,213,000.00	http://finance.yahoo.com/q/is?s=PLL&annual
Power Integrations Inc.	\$22,259,000.00	http://finance.yahoo.com/q/is?s=powi
Trimble Navigation Ltd.	\$100,844,000.00	http://finance.yahoo.com/q/is?s=trmb
Woodward Governor Co.	\$58,556,000.00	http://finance.yahoo.com/q/is?s=wgov
Philips	\$418,671,000.00	http://www.annualreport2008.philips.com/pages/our_group_performance/sustainability/green_innovations.asp
General Electric	\$1,400,000,000.00	http://ge.ecomagination.com/files/downloads/reports/ge_2008_ecomagination_report.pdf
Toyota	\$5,246,000,000.00	http://www.corporateregister.com/a10723/27913-09Co-8011031T180736675X-GI.pdf
Vestas	\$331,423,000.00	http://iri.jrc.ec.europa.eu/research/docs/2009/JRC54920.pdf
Solon	\$7,431,000.00	http://iri.jrc.ec.europa.eu/research/docs/2009/JRC54920.pdf
Q-Cells	\$46,072,000.00	http://iri.jrc.ec.europa.eu/research/docs/2009/JRC54920.pdf
REpower Systems	\$32,696,000.00	http://iri.jrc.ec.europa.eu/research/docs/2009/JRC54920.pdf
SMA Solar Technology	\$49,045,000.00	http://iri.jrc.ec.europa.eu/research/docs/2009/JRC54920.pdf
SolarWorld	\$16,348,000.00	http://iri.jrc.ec.europa.eu/research/docs/2009/JRC54920.pdf
IBM	\$1,000,000,000.00	http://www-03.ibm.com/press/us/en/presskit/21440.wss
Robert Bosch	\$2,229,000,000.00	http://www.corporateregister.com/a10723/bosch0708-sus-gr.pdf
Siemens	\$1,486,000,000.00	http://w1.siemens.com/innovation/en/about_fande/index.htm
Samsung	\$4,300,000,000.00	http://in.reuters.com/article/rbssConsumerGoodsAndRetailNews/idINSEO3403820090720
NEC	\$224,971,878.00	http://www.nec.co.jp/eco/en/announce/accounting/index.html
Boeing	\$4,128,000,000.00	http://www.newairplane.com/environment/#BCAEnvironmentalBrochure ; http://finance.yahoo.com/q/is?s=BA
Renault	\$600,000,000.00	http://www.guardian.co.uk/business/2009/feb/12/renault-nissan-loss
Fujitsu	\$20,000,000.00	http://www.fujitsu.com/downloads/ECO/rep2009/fujitsu2009report50-e.pdf
TOTAL	\$22,895,456,878.00	