

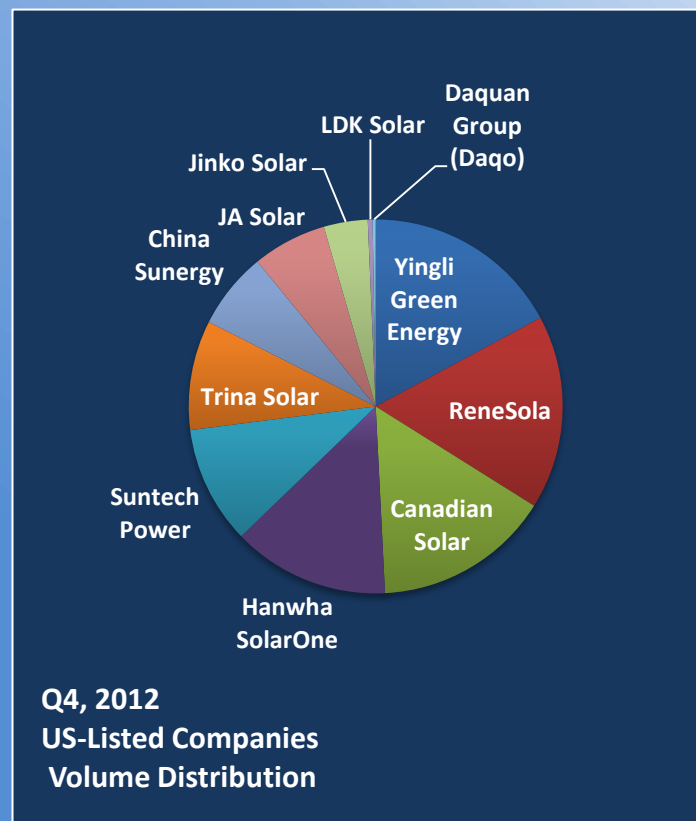
Q4 2012, Chinese Solar Export Shipments



In the highly competitive market of solar components, Chinese companies thus far have dominated the industry. While companies compete for market share, changes in trade policies and political environment created by the collapse of European and American companies are expected to curtail this condition.

Therefore, only those companies that can sustain selling channels and those that can increase their global presence will be prepared to maintain their staying power. Among most active exporters are US-listed, publically traded Chinese companies. Despite the tariffs in the US and potential duties in the European Union, Chinese

companies are shipping to those markets. Another area of growth is emerging markets. Those companies which can conquer new geographies are seen as future leaders. SolarPVInvestor and Solarzoom have made it possible for the individual investor to receive the most essential data pertaining to the Chinese export shipments, from the most capable as well the largest exporters of solar modules in Mainland China. Offered at affordable prices, Export Data offers a detailed view to anyone, which until now was only available to a few professionals or was part of expensive research reports.



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Chinese companies in Q4 were expected to deliver over 3GW of module shipments globally. Among companies which dominated the landscape where 9 US-listed entities.

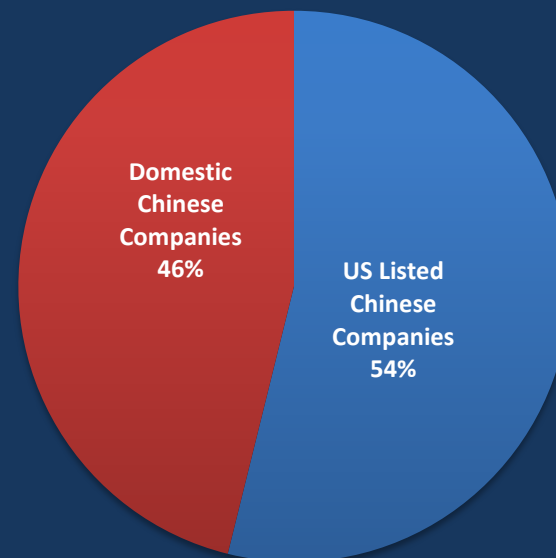
Overall, they have shared 54% of shipments in the quarter.

Reporting includes data for as many as 34 Chinese enterprises, the most influential, the ones with the greatest abilities to survive solar winter.”

Among them:

Zhongli Talesun Solar
Risen Energy
Linuo Power
Shenzhen Jiawei
Hareon Solar
Tianwei New Energy
LDK Solar
Daquan Group (Daqo)
Topray Solar
EGing PV
DMEGC
Lightway Green New Energy
Shanghai Chaori Solar

Q4, 2012 Export Shipments
Breakdown



Disclaimer

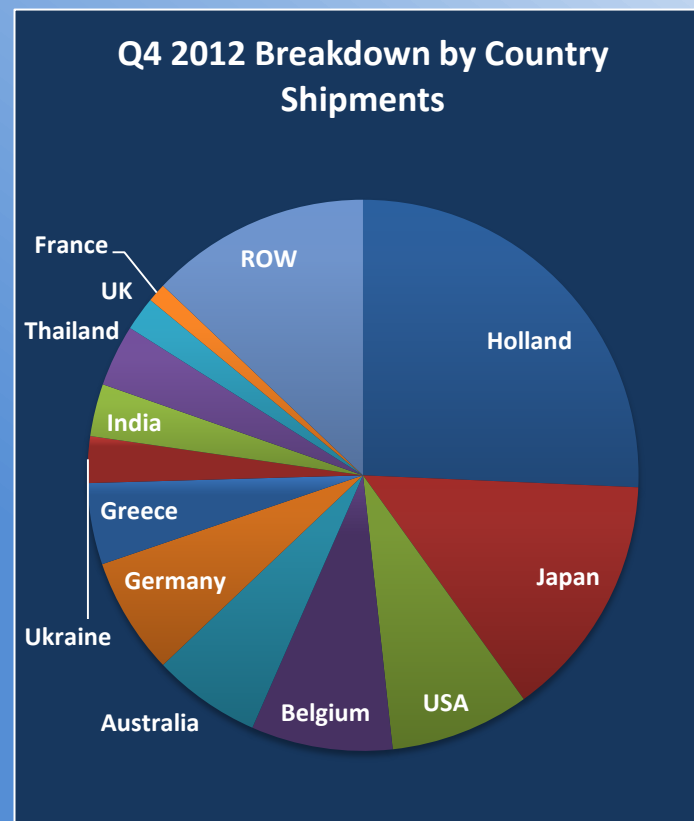
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These reports cover the largest destinations, allowing investors to understand emerging market growth and movement of volume in well-established markets. 17 country destinations have been identified in Q4. The quarter has shown continuing dominance by the European Union; however, emerging markets are appearing with greater volumes shipped. Data shows volume shipped by each company to at least 15 countries on a monthly basis; figures are reported in MW.

ROW includes shipments to:
Denmark Oct. Nov
Israel Nov. Dec
Spain Oct. Dec
South Africa Dec
South Korea Oct
Italy Nov



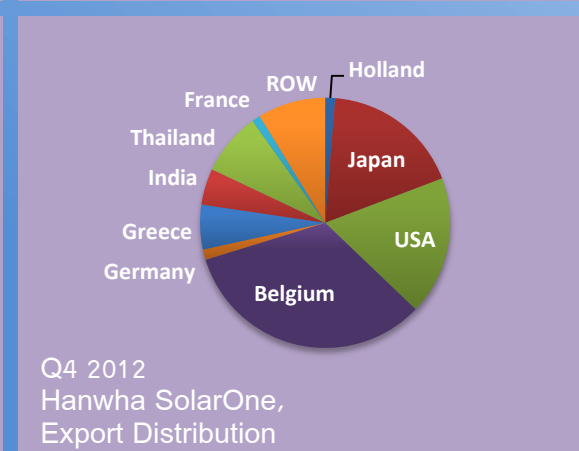
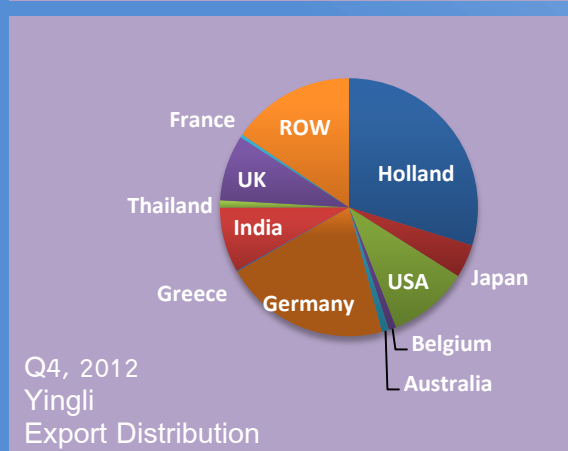
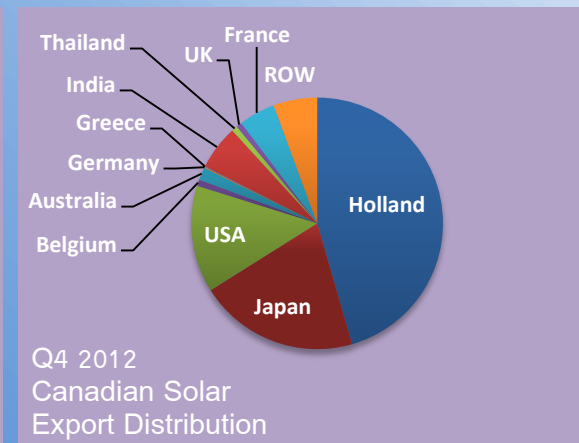
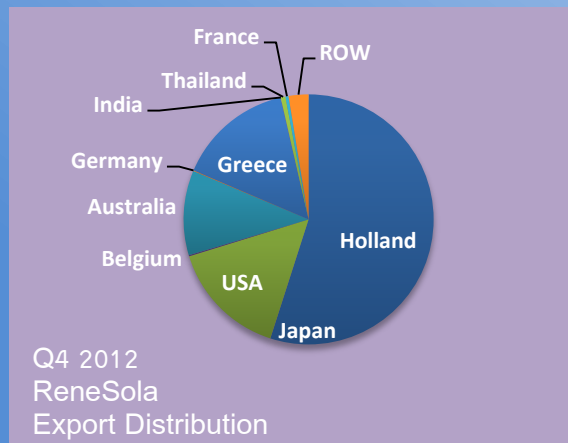
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The largest, most capable companies are tracked by destination and volume shipped monthly. Data is offered in Microsoft Excel, for easy analysis.



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Export Shipment Data is the companion to inventory information and supplemental data provided by US publically listed companies.

Data is collected by Solarzoom PV Solar Portal, a Chinese Research Market Firm engaged in monitoring domestic pricing in Mainland China.



<http://www.solarzoom.com/>

	Operating Expenses and Inventory Changes in MM										QoQ Opex Change	Q2 Inventory	Q3 Inventory	QoQ inventory Change	Inventory Movement
	Q2			Q3											
	Selling expenses	General and Admin expenses	R&D	Opex	Selling expenses	General and Admin	R&D	Opex							
Yingli Green Energy	\$ 40,332	\$ 26,079	\$ 7,291	\$ 73,702	\$ 32,880	\$ 25,940	\$ 8,607	\$ 67,427	-8.5%	\$ 601,490	\$ 461,736	-23.23%	-\$ 139,754		
Trina Solar	\$ 28,937	\$ 72,162	\$ 6,500	\$ 107,599	\$ 32,217	\$ 38,156	\$ 7,936	\$ 78,309	-27.2%	\$ 463,285	\$ 367,126	-20.76%	-\$ 96,159		
Canadian Solar	\$ 24,405	\$ 18,379	\$ 3,459	\$ 46,243	\$ 21,375	\$ 17,015	\$ 3,380	\$ 41,770	-9.7%	\$ 343,760	\$ 317,793	-7.55%	-\$ 25,967		
Ja Solar		\$ 34,641	\$ 3,457	\$ 38,098		\$ 39,970	\$ 5,209	\$ 45,179	18.6%	\$ 262,450	\$ 213,914	-18.49%	-\$ 48,536		
Jinko Solar	\$ 14,235	\$ 12,209	\$ 2,850	\$ 29,294	\$ 14,387	\$ 12,975	\$ 2,696	\$ 30,058	2.6%	\$ 145,909	\$ 135,658	-7.03%	-\$ 10,251		
Hanwha SolarOne	\$ 11,945	\$ 8,959	\$ 2,757	\$ 23,661	\$ 15,644	\$ 11,744	\$ 3,660	\$ 31,048	31.2%	\$ 107,805	\$ 120,444	11.72%	\$ 12,639		
Renesola Solar	\$ 7,169	\$ 11,260	\$ 17,520	\$ 35,949	\$ 9,741	\$ 14,985	\$ 8,087	\$ 32,813	-8.7%	\$ 209,765	\$ 236,477	12.73%	\$ 26,712		
LDK	\$ 11,043	\$ 34,410	\$ 4,707	\$ 50,160	\$ 10,373	\$ 29,518	\$ 3,300	\$ 43,191	-13.9%	\$ 467,148	\$ 324,512	-30.53%	-\$ 142,636		

Data includes all adjustments



Actual September 2012 Shipment Data, only 14 companies showing, normally 30 per report

Market/port		Belgium	France	Germany	Greece	Holland	Italy	Spain	UK	Canada	USA	Chile	Australia	India	Japan	Thailand	Others	Total
		比利时	法国	德国	希腊	荷兰	意大利	西班牙	英国	加拿大	美国	智利	澳大利亚	印度	日本	泰国	其他	
Canadian Solar	阿特斯	0.91	5.87	19.35		36.22			1.17	28.2	9.88		5.05	0.35	10.04	4.61		121.65
Trina	天合		1.3		0.2	69.11		1.64		1.31	7.67		5.43	30.03	3.93		0.42	121.04
Suntech	尚德			0.14		17.26	0.59	0.02		2.47	28.58		1.47	0.07	11.47	17.43	4.57	84.07
ReneSola	昱辉	0.3	0.94	0.2		43.26					10.57		9.72	0.01			0.47	65.47
Hanwha SolarOne	韩华	21.06	0.42	0.3		0.87				0.07	22.7		5.25		3.1	3.34	5.56	62.67
Yingli	英利	7.21		5.01		12.29			0.01		26	9.19	1.22		0.28	0.01	0.5	61.72
Talesun	腾晖					18.32		13.86	0.35		1.88		0.31				0.01	34.73
JA Solar	晶澳	6.23	0.44	2.06		2.07	0.03		2.66	2.36	7.28		0.18	3.39	1.78	1.21	2.54	32.23
ET solar	中盛		0.29		0.33	22.36	0.09				3.29		1.96				3.05	31.37
Jinko Solar	晶科	7.51		8.11	0.38	5.12	1.97	0.13	0.16	1.36	0.22		3.71		0.14		0.02	28.83
BYD	比亚迪		10.42			7.97							0.63	1.01	0.34		0.63	21
China Sunergy	中电	3.04	0.98			0.21	1.21				0.18		5.25	1.14			2.74	14.75
LDK	LDK			1.02					0.04		1.37			0.76	0.03			3.22
EGing PV	亿晶			1.14									0.14					1.28
Country total		46.26	20.66	37.33	0.91	235.06	3.89	15.65	4.39	35.77	119.62	9.19	40.32	36.76	31.11	26.6	20.51	684.03

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Chinese Monthly Export Data is available for purchase at
<http://solarpvinvestor.com/paid-reports>

Reports are priced at \$27.00 per month.

Q4 Data Pack includes October, November and December
volume shipments, priced at \$75.00.

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