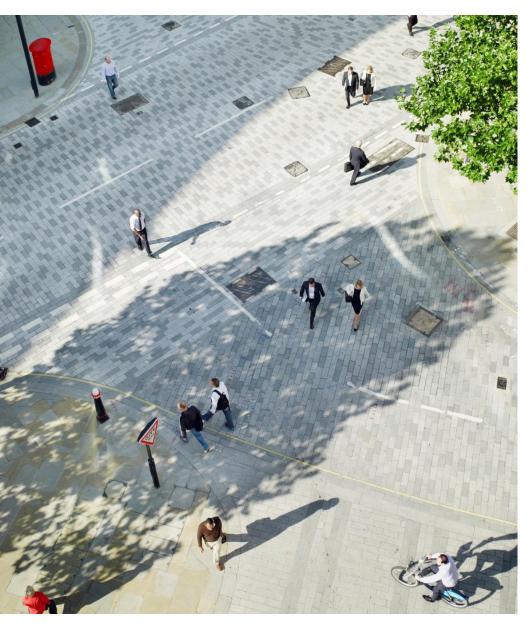
IPO Watch Europe Q3 2015



€4.6bn

IPO proceeds raised in Q3 2015 (excl. greenshoe) (Q3 14 - €6.6 bn)
€35.7bn in YTD 2015 (YTD 14 - €40.3bn)

53 IPOs

in Q3 2015 (Q3 14 – 76)

258 IPOs in YTD 2015 (YTD 14 – 290)

€148m

average offering value for Q3 2015 €217m for YTD 2015 (YTD 14-€206m)





Outlook for next few months:

- There is a strong pipeline of interesting and diverse assets waiting in the sidelines, after a summer of preparation and riding out the eerily quiet IPO market.
- The pipeline includes a number of blockbuster European deals tipped to launch their IPO.
- The main question is whether this pipeline will provide Q4 IPOs or whether next year will provide a more enthusiastic audience for their offerings.
- We are seeing a challenging if not difficult market place with wary investors spooked by China's immediate growth prospects and tumbling equities across European exchanges.
- We expect M&A to continue to dominate headlines, as we have a seen already this year a number of good IPO candidates being thwarted at the last minute.
- Even if the market jitters remain, 2015 has been a solid year for IPOs due to a strong first half. As market volatility has increased it will be interesting to see how difficult this makes the IPO market.

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European IPO trends

Subdued activity with €4.6bn raised by 53 IPOs in a traditionally quiet Q3

Figure 1: Quarterly European IPO activity by value and volume

YTD 2014	Q1 2015	Q2 2015	Q3 2015	YTD 2015
82	17	43	20	80
208	65	80	33	178
290	82	123	53	258
40,345	16,375	14,724	4,620	35,719
2,674	1,611	1,022	264	2,896
43,019	17,986	15,746	4,884	38,615
206	276	196	148	217
	82 208 290 40,345 2,674 43,019	82 17 208 65 290 82 40,345 16,375 2,674 1,611 43,019 17,986	82 17 43 208 65 80 290 82 123 40,345 16,375 14,724 2,674 1,611 1,022 43,019 17,986 15,746	82 17 43 20 208 65 80 33 290 82 123 53 40,345 16,375 14,724 4,620 2,674 1,611 1,022 264 43,019 17,986 15,746 4,884

* Average offering value has been calculated based on total money raised including greenshoe, excluding listings raising less than \$5m

Mark Hughes

Partner, Head of the UK Capital Markets at PwC

[&]quot;We await the final quarter of 2015 with interest. On one hand there is a promising European IPO pipeline made up of companies from varying sectors seeking to IPO across Europe's exchanges whilst on the other hand the markets remain challenging with investors wary of falling equity indices and continued concern over China's growth prospects. The question for companies is whether they better keep their powder dry and wait for more stable markets. However, based on recent announcements it seems companies and bankers remain confident that the markets will be open in Q4."

European IPO trends

Despite a slow Q3, YTD activity remains strong with €35.7bn proceeds raised, only 11% down on a very active 2014

Figure 2: European IPO activity (YTD and full year) since 2007*

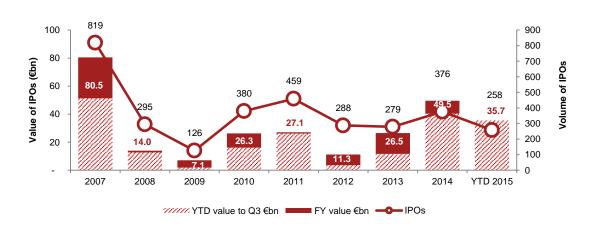
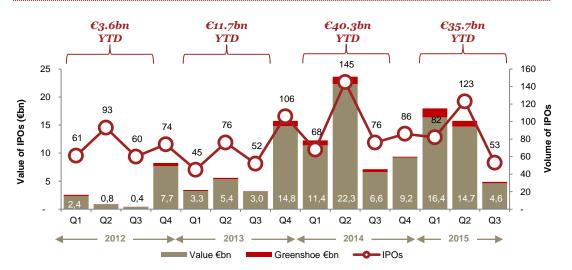


Figure 3: Quarterly European IPO activity since 2012



^{*}Excludes greenshoe.

Market volatility and performance

Volatile bear markets have further depressed the traditionally quiet IPO summer activity

Figure 4: Volatility compared to IPO proceeds

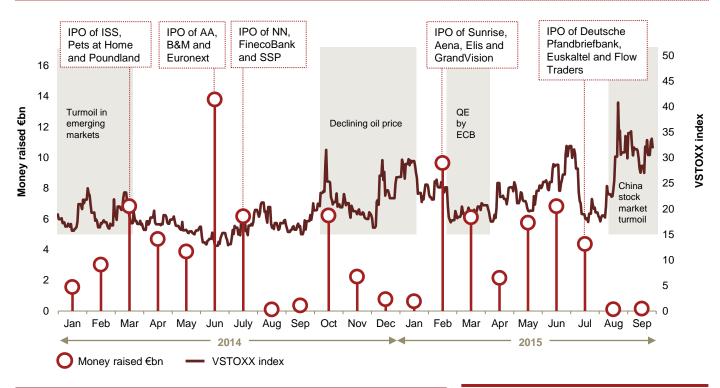
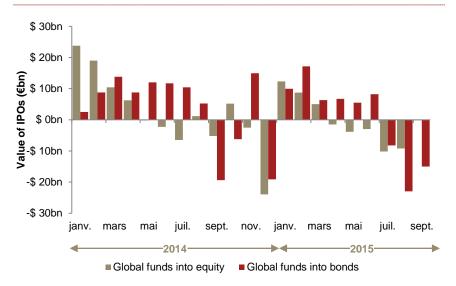


Figure 5: Rotation into bonds and equity (US)



"The last two months have been a slightly hair raising rollercoaster ride we have watched the fallout from the Chinese stock market turmoil as volatility indices rose to levels not seen since 2009. Equities and debt, especially the high yield market, have been battered and bruised and this market turbulence has been slow to subside. The decision being debated with investment bankers in many boardrooms across Europe currently is focused on the timing of launching an IPO and the markets receptiveness to new issuers with the key question being - when is the right time to launch?"

Vivienne Maclachlan

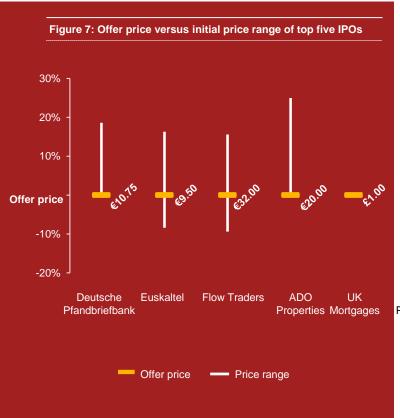
Director in the UK Capital Markets Group at PwC

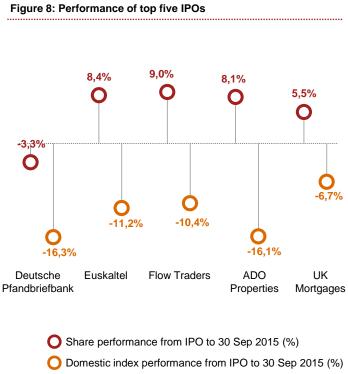
Source: Thomson Reuters as at 30 September 2015,

Pricing and performance of top 5 European IPOs

Despite challenging pricing conditions, 100% of the top 5 have outperformed their domestic index

Figure 6: Top five IF					
	Deutsche Pfandbriefbank	Euskaltel	Flow Traders	ADO Properties	
Exchange	Deutsche Börse	BME	Euronext Amsterdam	Deutsche Börse	London SFM
IPO date	16 July	1 July	10 July	23 July	7 July
PE backed	No	Yes	Yes	No	No
Money raised (€m) incl. greenshoe	1,157	840	599	415	350
Price range				€20.00 - €25.00	£1.00

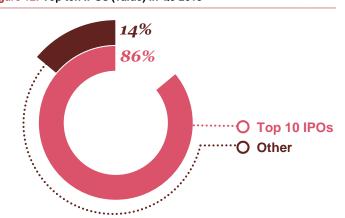




Top 10 IPOs in Europe

The €1bn+ German IPO of Deutsche Pfandbriefbank accounted for almost 25% of total Q3 proceeds

Figure 12: Top ten IPOs (value) in Q3 2015



"It has been a very exciting time for the German exchange as the IPO market has benefited from the overall strength of the German economy. Despite short term increases in volatility, we see a strong pipeline of sizeable IPOs for Q4 and moving into 2015, due to the continuing favourable monetary environment."

Nadja Picard

Partner in the German Capital Markets Group at PwC

Figure 13: Top ten IPOs

Ten largest IPOs in Q3 2015	€m (excl. greenshoe)	€m (incl. greenshoe)	Sector	Market	Country of origin	PE backed
Deutsche Pfandbriefbank	1,086	1,157	Financials	Deutsche Börse	Germany	No
Euskaltel	764	840	Telecommunications	ВМЕ	Spain	Yes
Flow Traders	521	599	Financials	Euronext	Netherlands	Yes
ADO Properties	415	415	Financials	Deutsche Börse	Germany	No
UK Mortgages	350	350	Financials	London	United Kingdom	No
Space2	300	300	Financials	Borsa Italiana	Italy	No
Cassiopea	157	169	Health Care	SIX Swiss	Italy	No
Banca Sistema	146	161	Financials	Borsa Italiana	Italy	Yes
On The Beach Group	132	132	Consumer Services	London	United Kingdom	Yes
Menhaden Capital	112	112	Financials	London	United Kingdom	No
Total	3,983	4,235				

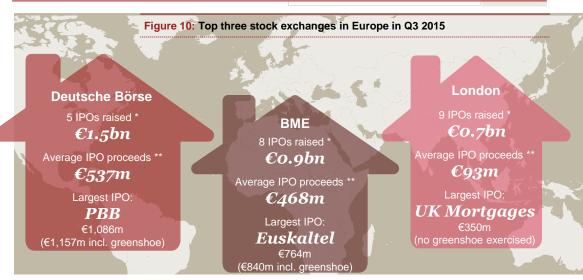
Ten largest IPOs in H1 2015	€m (excl. greenshoe)	€m (incl. greenshoe)	Sector	Market	Country of origin	PE backed
Aena	3,875	4,263	Industrials	BME	Spain	No
Auto Trader	1,937	2,228	Consumer Services	London	United Kingdom	Yes
Sunrise Communications	1,882	2,148	Telecommunications	SIX Swiss	Switzerland	Yes
Cellnex Telecom	1,946	2,141	Telecommunications	BME	Spain	No
GrandVision	1,020	1,116	Health Care	Euronext	Netherlands	Yes
Woodford Patient Capital Trust	1,108	1,108	Financials	London	United Kingdom	No
SPIE	939	1,033	Industrials	Euronext	France	Yes
Europcar Groupe	879	898	Consumer Services	Euronext	France	Yes
INWIT	796	875	Telecommunications	Borsa Italiana	Italy	No
Elis	750	854	Industrials	Euronext	France	Yes
Total	15,132	16,664				

Exchange activity by value

London retained its leading position YTD, however Deutsche Börse raised a third of total Q3 proceeds

Figure 9: IPO offering value by stock exchange*

Stock exchange offering value (€m)	YTD 2014	Q1 2015	Q2 2015	Q3 2015	YTD 2015
London Stock Exchange	17,766	4,648	4,697	747	10,092
BME (Spanish Exchange)	4,502	4,310	2,593	867	7,770
Euronext	8,317	2,637	2,267	618	5,522
Euronext Paris	4,244	909	1,999	64	2,972
Euronext Amsterdam	3,307	1,696	-	554	2,250
Euronext Brussels	636	32	268	-	300
Euronext Lisbon	130	-	-	-	-
NASDAQ OMX	3,583	1,416	2,447	91	3,954
OMX Stockholm	2,018	1,040	2,268	61	3,369
OMX Helsinki	105	208	114	30	352
OMX Copenhagen	1,460	168	-	-	168
OMX Iceland	-	-	65	-	65
OMX Vilnius	-	-	-	-	-
OMX Talinn	-	-	-	-	-
Deutsche Börse	868	573	728	1,539	2,840
SIX Swiss Exchange	1,073	1,882	-	157	2,039
Borsa Italiana	2,314	490	993	581	2,064
Oslo Børs & Oslo Axess	439	57	587	-	644
Irish Stock Exchange	483	302	92	-	394
Warsaw	268	8	313	18	339
Zagreb Stock Exchange	-	36	-	-	36
Borsa Istanbul	45	16	7	2	25
Bucharest Stock Exchange	444	-	-	-	-
Wiener Börse	194	-	-	-	-
Athens Stock Exchange	35	-	-	-	-
Prague Stock Exchange	14	-	-	-	-
Budapest	-	-	-	-	-
Total	40,345	16,375	14,724	4,620	35,719



Exchange activity by volume OMX continues to be active with 64 IPOs representing 25% of European IPO volume YTD

Figure 11: IPO volume by stock exchange

Stock exchange offering volume	YTD 2014	Q1 2015	Q2 2015	Q3 2015	YTD 2015
London Stock Exchange	109	27	28	9	64
NASDAQ OMX	40	18	37	9	64
OMX Stockholm	34	14	30	7	51
OMX Helsinki	4	3	3	2	8
OMX Iceland	-	-	2	-	2
OMX Vilnius	-	-	1	-	1
OMX Talinn	-	-	1	-	1
OMX Copenhagen	2	1	-	-	1
Euronext	36	13	13	7	33
Euronext Paris	30	9	10	5	24
Euronext Brussels	2	1	3	-	4
Euronext Amsterdam	3	3	-	2	5
Euronext Lisbon	1	-	-	-	-
Warsaw	21	2	16	6	24
Borsa Italiana	22	6	7	7	20
BME (Spanish Exchange)	11	3	5	8	16
Deutsche Börse	17	3	7	5	15
Oslo Børs & Oslo Axess	12	1	5	-	6
Borsa Istanbul	9	3	1	1	5
Bucharest Stock Exchange	1	2	2	-	4
SIX Swiss Exchange	5	1	1	1	3
Irish Stock Exchange	3	1	1	-	2
Zagreb Stock Exchange	-	2	-	-	2
Prague Stock Exchange	1	-	-	-	-
Wiener Börse	2	-	-	-	-
Athens Stock Exchange	1	-	-	-	-
Total	290	82	123	53	258

IPOs by sector

Financials continued to dominate both YTD and in the quarter - conversely Consumer Services have declined significantly

Figure 14: IPO value by sector*

Stock exchange offering value (€m)	YTD 2014	Q1 2015	Q2 2015	Q3 2015	YTD 2015	variance vs. YTD 2014
Financials	13,108	2,402	4,479	3,216	10,097	(3,011)
Industrials	8,438	5,427	2,967	85	8,479	41
Telecommunications	2,160	1,887	2,743	764	5,394	3,234
Consumer Services	10,915	3,138	1,998	170	5,306	(5,609)
Health Care	1,596	1,252	709	247	2,208	612
Consumer Goods	974	1,131	923	38	2,092	1,118
Technology	1,082	664	888	83	1,635	553
Utilities	638	435	5	4	444	(194)
Basic Materials	551	21	1	13	35	(516)
Oil & Gas	883	18	11	-	29	(854)
Total	40,345	16,375	14,724	4,620	35,719	(4,626)

"The big story of this year has been one of financials and we expect this trend to continue. Notwithstanding the low interest rate environment, the deals we are seeing in the market and the pipeline are above all a reflection of the years of complex and painstaking European restructuring, driven by regulatory requirements on the back of the financial crisis."

Richard Weaver Partner in the UK Capital **Markets Group**



Financials

24 IPOs raised in Q3 €3,216m *

Average IPO proceeds ** €189m

Largest IPO: **Deutsche Pfandbriefbank** €1,086m

(€1,157m incl. greenshoe)



Telecom

1 IPO raised in Q3 €764m *

Largest IPO: Euskaltel

€764m (€840m incl. greenshoe)



Health Care

8 IPOs raised in Q3 €247m *

Average IPO proceeds ** €48m

> Largest IPO: Cassiopea

€157m (€169m incl. greenshoe)

^{*}Excludes greenshoe

^{**}Excludes listings raising less than \$5m

UK focus – Overview

London IPO proceeds are down 43% compared to YTD 2014 and Q3 2015 was the least active quarter in the last three years

Figure 15: London IPO trends - value* 10 9 8 7 Value of IPOs (€bn) 5 0.3 0,0 0,6 2 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3

■ Main ■ AIM and SFM

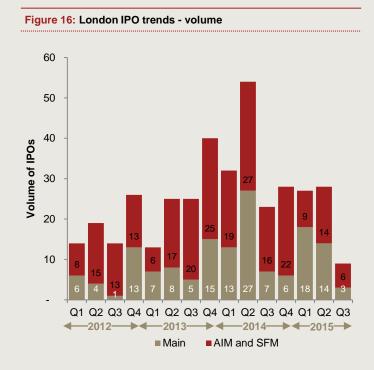


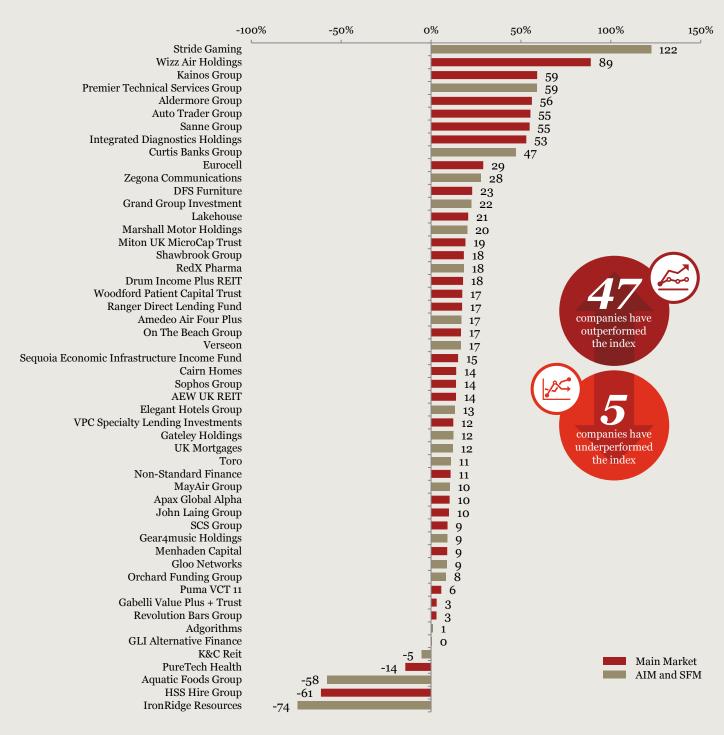
Figure 17: Five largest UK IPOs of Q3 2015

	Proceeds (inc					
	€m	£m	Sector	Market	Country	PE backed
UK Mortgages Ltd	350	250	Financials	London	United Kingdom	No
On The Beach Group plc	132	96	Consumer Services	London	United Kingdom	Yes
Menhaden Capital plc	112	80	Financials	London	United Kingdom	No
Kainos Group plc	73	52	Technology	London	United Kingdom	No
Gloo Networks plc	42	30	Financials	London	United Kingdom	No

^{*}Excludes greenshoe

UK focus - Relative performance of London **IPOs**

Figure 18: Share price performance of London IPOs relative to the FTSE all share index, from IPO to 30 September 2015



Note: Threshold of \$5m proceeds | Relative performance based on the FTSE All Share Index for Main Market and SFM listed companies and FTSE AIM All Share index for AIM listed companies

Source: Dealogic and Thomson Reuters as of 30 September 2015

UK focus - Private equity and industry trends

Figure 19: PE-backed vs non PE-backed IPO trends in London*

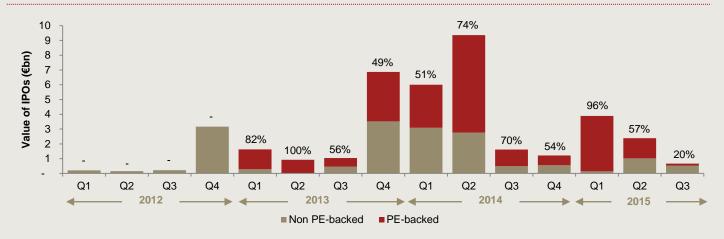


Figure 20: Five largest UK PE-backed IPOs of 2015 YTD

Proceeds	(incl. g	greens	hoe)
----------	----------	--------	------

	€m	£m	Sector	Market	Country
Auto Trader	2,228	1,594	Consumer Services	London	United Kingdom
Sophos Group plc	570	405	Technology	London	United Kingdom
Wizz Air Holdings plc	419	309	Consumer Services	London	Hungary
Aldermore Group plc	361	260	Financials	London	United Kingdom
Shawbrook Group plc	342	250	Financials	London	United Kingdom

Figure 21: London IPO value by sector **

Stock exchange offering value (€m)	YTD 2014	Q1 2015	Q2 2015	Q3 2015	YTD 2015	variance vs. YTD 2014
Financials	4,708	1,466	2,977	540	4,983	275
Consumer Services	8,990	2,758	107	132	2,997	(5,993)
Industrials	1,611	375	345	-	720	(891)
Technology	379	4	495	75	574	195
Consumer Goods	176	12	509	-	521	345
Health Care	959	20	264	-	284	(675)
Basic Materials	11	13	-	-	13	2
Oil & Gas	709	-	-	-	-	(709)
Telecommunications	211	-	-	-	-	(211)
Utilities	12	-	-	-	-	(12)
Total	17,766	4,648	4,697	747	10,092	(7,674)

^{*} UK IPOs raising over \$50m, excludes closed-end funds, SPACs, SPVs, Capital Pool companies, Investment Managers, REITs, Royalty Trusts ** Excludes greenshoe

US and Hong Kong domestic activity Market volatility drove a slow down across all markets in O3

Figure 22: US and Hong Kong overview

Stock exchange	YTD 2014		Q1 2015		_	2 2015		3 2015	YTD 2015	
	IPOs	Offering value (€m)*	IPOs	Offering value (€m)*	IPOs	Offering value (€m)*	IPOs	Offering value (€m)*	IPOs	Offering value (€m)*
Europe	290	40,345	82	16,375	121	14,724	53	4,620	258	35,719
US	228	52,353	41	5,411	75	11,757	45	6,511	161	23,679
Hong Kong	89	12,397	28	2,075	18	13,024	26	3,076	72	18,175

* Excludes greenshoe

- The US IPO market activity decreased in the third quarter of 2015, as market volatility increased and investors paused to evaluate the impact of slowing growth in China and other markets, among other global macro-economic and geopolitical concerns. There were a total of 45 IPOs that raised \$7.3 billion in the third quarter of 2015.
- Continuing a recent trend, the healthcare industry continued to lead US IPO market activity, accounting for 42 percent of total volume with 19 IPOs. The financial sector led offering value, raising €2.3 billion in proceeds, driven by a sharp increase in special purpose acquisition companies, which accounted for over two-thirds of all financial sector activity. Technology, an historically strong player in the IPO market, saw only 2 IPOs in the third quarter as high private valuations and increased later stage funding has made it possible for technology companies to fund operations without going public.
- Financial sponsors and venture capital companies remained active in the third quarter of 2015, backing slightly more than 45 percent of IPO volume and value. A very active venture capital market continued to drive private valuations and were prolific in the biotech IPO sector.
- The **Hong Kong** market also slowed down in the third quarter, but thanks to large proceeds raised in Q2, YTD proceeds are at €18.2bn up 47% from 2014 YTD.

Appendix - IPOs by market

Figure 23: IPOs by market

	Y	YTD 2014		Q1 2015		Q2 2015		Q3 2015		YTD 2015	
Ctools avalous	Offering IPOs value (€m)*		Offering IPOs value (€m)*		Offering IPOs value (€m)*		Offering		Offering IPOs value (€m)*		
Stock exchange TOTAL	IPUS	value (€III)*	IPUS	value (€III)"	IPUS	value (€III)"	IPUS	value (€m)*	IPUS	value (€III)*	
	400	47.700	0.7	4.040	00	4.007	•	7.47	0.4	40.000	
London Stock Exchange	109	17,766	27	4,648	28	,	9	747	64	10,092	
BME (Spanish Exchange)	11	4,502	3	4,310	5	,	8	867	16	7,770	
Euronext	36	8,317	13	2,637	13	,	7	618	33	5,522	
NASDAQ OMX	40	3,583	18	1,416	37	,	9	91	64	3,954	
Deutsche Börse	12		3	573	7		5	1,539	15	2,840	
Borsa Italiana	22	2,314	6	490	7	993	7	581	20	2,064	
SIX Swiss Exchange	5	1,073	1	1,882	1	-	1	157	3	,	
Oslo Børs & Oslo Axess	12	439	1	57	5	587	-	-	6	644	
Irish Stock Exchange	3	483	1	302	1	92	-	-	2		
Warsaw	26	268	2	8	16	313	6	18	24	339	
Zagreb Stock Exchange	-	-	2	36	-	_	-	-	2		
Borsa Istanbul	9	45	3	16	1	7	1	2	5	25	
Bucharest	1	444	2	-	2	-	-	-	4	-	
Wiener Börse	2	194	-	-	-	-	-	-	-	-	
Prague	1	14	-	-	-	-	-	-	-	-	
Athens Stock Exchange	1	35	-	-	-	-	-	-	-		
Total	290	40,345	82	16,375	123	14,724	53	4,620	258	35,719	
EU-REGULATED											
London Main	47	15,064	18	4,529	14	3,685	3	317	35	8,531	
BME (Spanish Exchange) (Main)	7	•	2	4,310	3	•	1	764	6	7,662	
Euronext	26	8,262	9	2,587	9	,	4	599	22	5,436	
NASDAQ OMX (Main)	12	•	6	1,127	11	2,107	1	26	18	3,260	
Deutsche Börse (Prime and General Standard)	9	867	2	573	6		4	_	12		
SIX Swiss Exchange	5	1,073	1	1,882	1	_	1	157	3	2,039	
Borsa Italiana (Main)	4	2,145	2	468	2	924	4	517	8	1,909	
Oslo Børs	6	368	-	400	2		4	517	2	· · · · · · · · · · · · · · · · · · ·	
				200			-	-			
Irish Stock Exchange (Main)	1 8	200	1	302 7	1 5	92 308	1	- 10	2 7		
Warsaw (Main)	0	262	1 2	36	5	306	- 1	18	2	36	
Zagreb Stock Exchange	2	194	_	30	-	-	-	-	2	30	
Wiener Börse	1	194		-	-	-	-	-	-	-	
Prague Bucharest	1	14 444	-	-	-	-	-	-	-	-	
Athens Stock Exchange	1	35	-	-	-	-	-	-	-	=	
EU-regulated sub-total	130	36,651	44	15,821	54	13,211	19	3,937	117	32,969	
•		•		,				,		•	
EXCHANGE-REGULATED											
London AIM and SFM	62		9	119	14		6	430	29	1,561	
NASDAQ OMX (First North)	28	317	12	289	26		8	65	46		
Borsa Italiana (AIM)	18	169	4	22	5		3	64	12		
Oslo Axess	6	71	1	57	3	58	-	-	4	115	
BME (Spanish Exchange) (MAB)	4	45	1	-	2	5	7	103	10	108	
Euronext (Alternext)	10	55	4	50	4	17	3	19	11	86	
Borsa Istanbul	9	45	3	16	1	7	1	2	5	25	
Warsaw (NewConnect)	18	6	1	1	11	5	5	-	17	6	
Bucharest (AeRO)	-	-	2	-	2	-	-	-	4	-	
Deutsche Börse (Entry Standard)	3	1	1	-	1	-	1	-	3		
Irish Stock Exchange (ESM)	2	283	-	=		=			-	-	
Exchange-regulated sub-total	160	3,694	38	554	69	1,513	34	683		2,750	
Europe total	290		82	16,375	123	14,724	53	4,620	258		

 $^{* \,} Excludes \, green shoe \,$



Contacts

About IPO Watch Europe

IPO Watch Europe surveys all new primary market equity IPOs on Europe's principal stock markets and market segments (including exchanges in Austria, Belgium, Croatia, Denmark, France, Germany, Greece, the Netherlands, Ireland, Italy, Luxembourg, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Turkey and the UK) on a quarterly basis. Movements between markets on the same exchange are excluded.

This survey was conducted between 1 July and 30 September 2015 and captures IPOs based on their first trading date. All market data is sourced from the stock markets themselves and has not been independently verified by PricewaterhouseCoopers LLP.

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