IPO Watch Europe Q1 2018



€12.5bn

raised in Q1 2018 (Q1 2017: €4.6bn, 172% increase)

67 IPOs

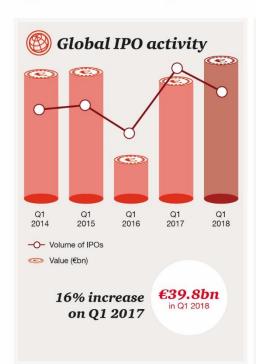
in Q1 2018 across Europe (Q1 2017: 54 IPOs, 24% increase)

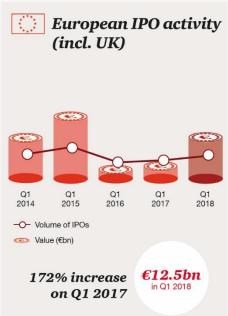
€260m

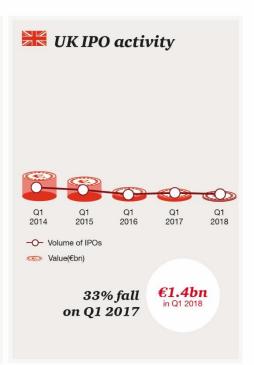
average offering value in Q1 2018, an increase of 31% compared to €199m in Q1 2017



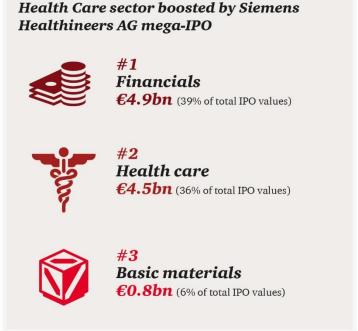
European IPO markets raise €12.5bn in Q1 2018, with proceeds up 172% compared to Q1 2017

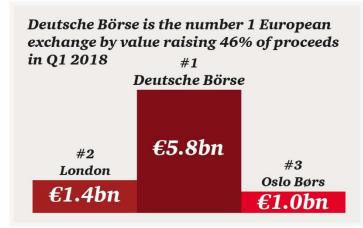














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Outlook for 2018

"The first quarter of 2018 has seen increased volatility and significant corrections to global indices. Europe's IPO markets, however, have proved resilient with investors eager to find value and ready to engage in early conversations with companies with compelling equity stories and solid fundamentals.

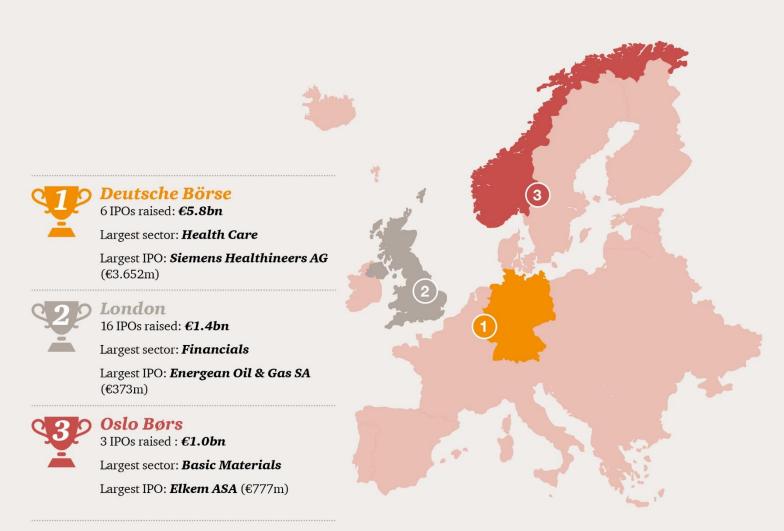
Despite uncertainty around the ongoing Brexit negotiations, a potential trade war between the US and China and rumoured rate rises, Europe's IPO market remains open."

Mark Hughes Partner, UK Capital Markets Leader at PwC

European IPO trends

The Deutsche Börse is the most active in terms of value, bolstered by Siemens Healthineers AG, their largest IPO since innogy SE in October 2016

Figure 1: Top 3 stock exchanges in Europe in Q1 2018 (by offering value)



European IPO trends

Q1 2018 European IPO values have more than doubled compared to Q1 2017, boosted by two mega-IPOs*

Figure 2: European IPO activity since 2009

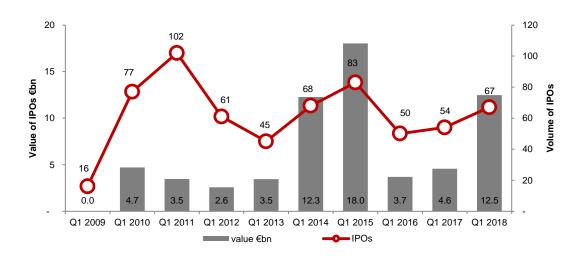
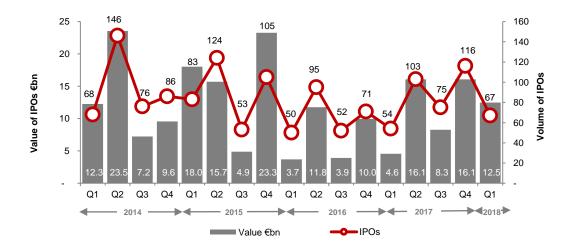
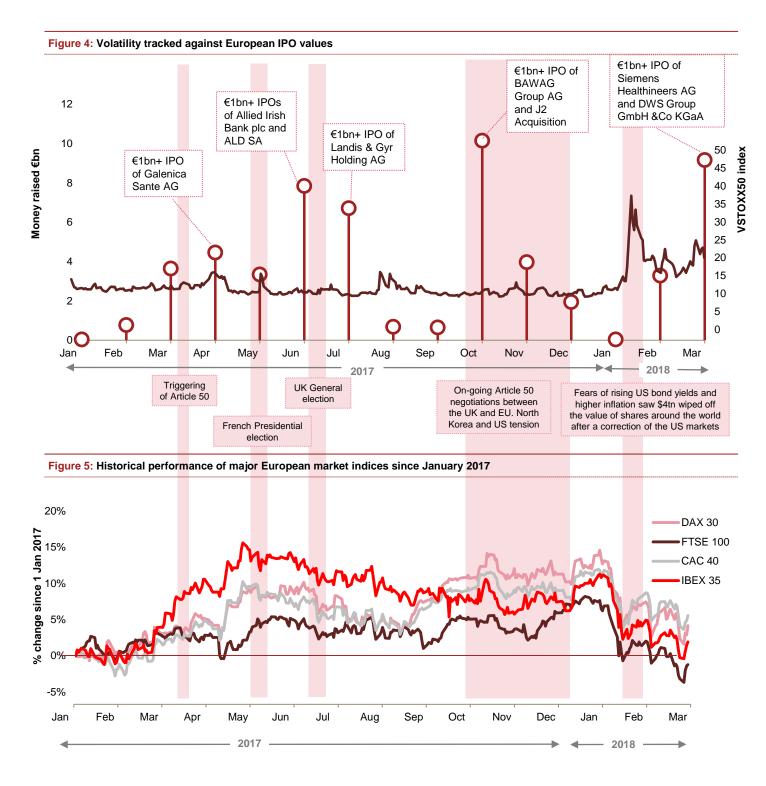


Figure 3: Quarterly European IPO activity since 2014



Market volatility

Volatility makes a come back in Q1 2018 after the historic lows of 2017



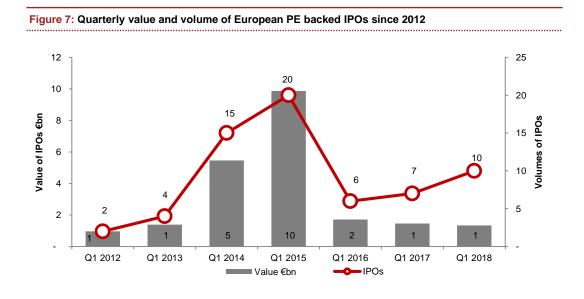
Pricing of top 5 IPOs

Top 5 IPOs priced at the lower end of the range

Figure 6: Top 5 European IPOs in Q1 2018									
	Siemens Healthineers AG	DWS Group GmbH & Co KGaA	Elkem ASA	Metrovacesa SA	SPAXS SpA				
Exchange	Deutsche Börse	Deutsche Börse	Oslo	BME	Borsa Italiana				
IPO date	16-Mar	23-Mar	22-Mar	06-Feb	01-Feb				
Money raised (€m)	3,652	1,300	777	646	600				
Price range	€26.00 – €31.00	€30.00 - €36.00	NKR29.00 - NKR35.00	€16.50 - €17.00	€10.00				
Offer price	€28.00	€32.50	NKR29.00	€16.50	€10.00				

European PE trends

The volume and value of PE backed IPOs remains subdued with a number of deals opting for private sale processes



The sector story

Financials and Health Care represent the largest sectors in the quarter supported by the mega-IPOs* of Siemens Healthineers AG and DWS Group GmbH & Co KGaA

Figure 8: European IPO values by sector

	Q1 2017 Value (€m)	Q12017 Volume	Q2 2017 Value (€m)	Q2 2017 Volume	Q3 2017 Value (€m)	Q3 2017 Volume	Q4 2017 Value (€m)	Q4 2017 Volume		Q1 2018 Volume
Financials	2,700	24	5,217	23	3,017	32	5,890	30	4,879	28
Health Care	514	10	435	14	59	6	1,286	13	4,478	7
Basic Materials	134	3	8	2	497	3	1,300	6	779	2
Consumer Services	4	1	3,881	14	427	6	714	14	632	8
Utilities	-	1	-	-	-	1	501	2	463	2
Consumer Goods	152	3	1,464	9	236	3	4,815	13	436	6
Oil & Gas	61	3	227	2	3	1	27	2	376	2
Technology	21	4	1,234	14	543	12	322	22	331	10
Industrials	984	5	3,397	22	2,458	9	1,203	14	106	2
Telecommunications	-	-	204	3	1,044	2	-	-	-	-
Total	4,570	54	16,067	103	8,284	75	16,058	116	12,480	67



Financials

28 IPOs raised €4.9bn

Largest IPO: **DWS Group GmbH & Co** KGaA €1.3bn



Health Care

7 IPOs raised €4.5bn

Largest IPO: Siemens Healthineers AG €3.7bn



Basic Materials

2 IPOs raised €0.8bn

Largest IPO: Elkem ASA €0.8bn

UK focus – overview

Continuing the trend experienced in 2017, the Financials sector continues to dominate London IPOs, representing 71% of London IPO values

Figure 9: UK IPO trends (by offering value)



Figure 10: UK IPO trends (by volume) 35 30 25 Volume of IPOs 20 15 10 5 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 2017 → 4 2018 → - 2015 2016 ■Main AIM

Figure 11: Top 5 UK IPOs in Q1 2018

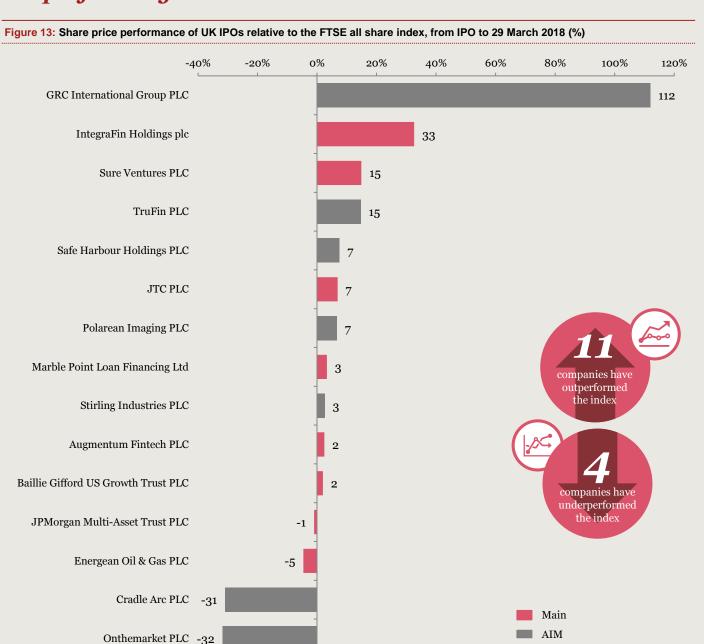
Issuer	Value (£m)	Sector	Market	PE backed
Energean Oil & Gas SA	330	Oil & Gas	Main	No
JTC plc	244	Financials	Main	Yes
IntegraFin Holdings Ltd	178	Financials	Main	No
Baillie Gilfford US Growth Trust PLC	173	Financials	Main	No
JPMorgan Multi-Asset Trust plc	93	Financials	Main	No

Note: Ranking in \mathcal{E} sterling may be different from ranking in Euros due to exchange rate

Figure 12	: UK IPO	value by	y sector
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By offering value (£m)	Q1 2017	Q2 2017	Q3 2017	Q4 2017	Q1 2018	Variance vs Q1 2017
Financials	1,576	653	1,481	2,169	906	(670)
Oil & Gas	53	188	3	2	333	280
Consumer Services	-	175	172	184	30	30
Technology	-	293	9	13	6	6
Basic Materials	7	7	427	1,159	2	(5)
Industrials	-	585	237	170	-	-
Consumer Goods	53	37	-	771	-	(53)
Health Care	121	5	15	7	-	(121)
Utilities	-	-	-	441	-	-
Total	1,810	1,943	2,344	4,916	1,277	(533)

UK focus – relative performance of UK IPOs London IPOs performed well in Q1 2018 with 11 out of 15 IPOs out-performing the market



[&]quot;Q1 is typically a quieter quarter in terms of IPO activity, and last year it was boosted by a backlog of UK IPOs after a pause in activity following the EU referendum. In addition, with the public markets frequently in competition with valuations from the private sector and the prospect of selling shareholders retaining a significant stake following IPO, dual-track processes are increasingly common, helping shareholders and issuers reach a successful outcome to hedge against the volatility in public markets.

The outlook is promising and issuers continue to be attracted to the UK market with a number of cross-border IPOs set to launch in London."

Lucy Tarleton Director, UK Capital Markets Group at PwC

Global perspective

Although global IPO values are up on Q1 2017, volumes are down largely as a result of a decrease in Asia Pacific IPOs

Figure 14: Global IPO activity

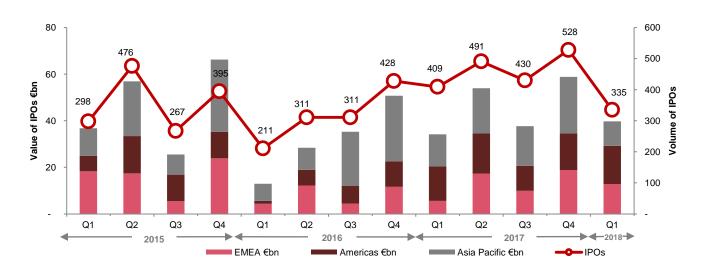


Figure 15: Top 10 global IPOs YTD 2018

Date	Issuer	Value (€m)	Exchange	Sector
Mar-18	Siemens Healthineers AG	3,652	Deutsche Börse	Health Care
Jan-18	PagSeguro Digital Ltd	2,128	NYSE	Industrials
Mar-18	iQIYI Inc	1,811	NASDAQ	Consumer Services
Mar-18	DWS Group GmbH & Co KGaA	1,300	Deutsche Börse	Financials
Jan-18	ADT Inc	1,201	NYSE	Industrials
Mar-18	Fibra E - Grupo Aeroportuario de la Ciudad de Mexico	1,195	Mexican Stock Exchange	Industrials
Jan-18	Bank of Gansu Co Ltd	732	Hong Kong Exchange	Financials
Mar-18	Dropbox Inc	708	NASDAQ-US	Technology
Feb-18	Fideicomiso CIB/2919 - CFE Fibra E	698	Mexican Stock Exchange	Financials
Jan-18	Gates Industrial Corp plc	686	NYSE	Industrials

Source: Dealogic IPO Watch Europe Q1 2018 | 11

Appendix – IPOs by market

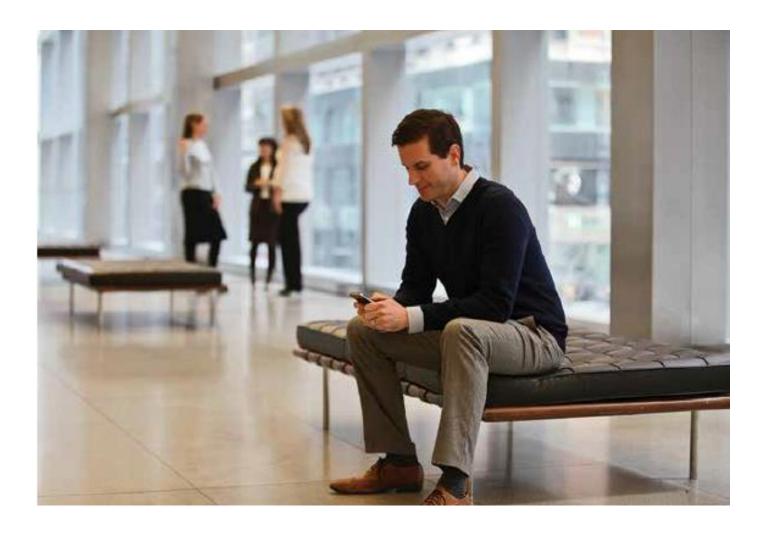
Appendix 1: European IPOs by market

		Q1 2017		Q2 2017 Q3 2017				Q4 2017		Q1 2018
_		Value	Value			Value Valu				Value
	IPOs	€m	IPOs	€m	IPOs	€m	IPOs	€m	IPOs	€m
TOTAL										
Deutsche Börse	2	235	3	1,049	3	234	5	1,060	6	5,849
London Stock Exchange Group	24	2,260	30	2,654	37	3,596	44	9,438	22	2,303
London Stock Exchange	20	2,118	24	2,258	27	2,672	32	5,532	16	1,447
Borsa Italiana	4	142	6	396	10	924	12	3,906	6	856
Oslo Børs & Oslo Axess	1	7	4	821	1	29	5	247	3	1,011
Euronext	5	189	8	2,543	2	6	5	638	5	858
Euronext Paris	4	80	5	1,265	1	6	5	638	-	-
Euronext Amsterdam	1	109	1	648	1	_	_	-	4	818
Euronext Brussels	-		2	630	-		-		1	40
Nasdaq Nordic	13	406	41	1,669	11	537	33	1,637	13	713
Nasdaq Helsinki	1	30	4	219	1	425	4	936	4	211
Nasdaq Stockholm	12	376	34	1,435	9	112	24	521	5	493
Nasdaq Copenhagen	_	-	2	12	-	-	3	173	3	9
Nasdaq Iceland	-	-	-	-	1	-	-	-	1	
Nasdaq Tallin	-	_	_	-	-	-	1	4		_
Nasdaq Riga	_	_	_	-	_	_	1	3	_	-
Nadaq Vilnius	_	_	1	3	_	_	-	-	_	_
Borsa Istanbul	1	13	2	265	_	_	_	_	6	650
BME (Spanish Exchange)	6	1,459	4	1,570	8	_	9	674	5	646
SIX Swiss Exchange	-	1,400	2	1,776	2	2,310	1	29	3	379
Bucharest	-	-	2	192	-	2,310	2	64	1	40
Warsaw	2	- 1	6	542	9	1,227	10	41	2	24
	_	-			1	270				
Irish Stock Exchange*	-	-	1	2,986		270	1	550	1	7
Wiener Börse	-	-	-	-	-	- 75	1	1,680	-	-
Total Budapest	54	4,570	103	16,067	75	8,284	116	16,058	67	12,480
EU-REGULATED				· ·		•				
Deutsche Börse (Prime and General Standard)	1	218	2	1,032	2	231	4	1,033	4	5,719
London Main	15	2,001	13	1,578	12	1,915	15	4,921	9	1,286
Oslo Børs & Oslo Axess	1	7	4	821	1	29	5	247	3	1,011
Euronext	4	180	7	2,532	2	6	3	611	5	858
BME (Spanish Exchange) (Main)	2	1,459	2	1,565	_	-	1	667	1	646
SIX Swiss Exchange	2	1,409	2	1,776	2	2,310	1	29	3	379
Nasdaq Nordic (Main)	1	69	10	1,776	1	425	10	1,373	2	289
Bucharest	ı	09	2	192	'	425	2	1,373	1	40
Warsaw (Main)	-	-	3		-		3		1	22
Irish Stock Exchange (Main)	-	-	Ū	518	2	1,215	ŭ	23	•	
Borsa Italiana (Main)	-	-	1	2,986	1	270	1	550	1	7
Wiener Börse	-	-	3	358	1	344	4	3,400	-	-
	-	-	-	-	-	-	1	1,680	-	-
Budapest			- 40	-	1	75	-	- 44 500	-	40.057
EU-regulated sub-total	24	3,934	49	14,627	25	6,820	50	14,598	30	10,257
EXCHANGE-REGULATED		440	•			500		500		050
Borsa Italiana - AIM Borsa Istanbul	4	142	3	38	9	580	8	506	6	856
	1	13	2	265	-	-	-	-	6	650
Nasdaq Nordic - First North	12	337	31	400	10	112	23	264	11	424
London - AIM	5	117	11	680	15	757	17	611	7	158
Deutsche Börse - Scale	1	17	1	17	1	3	1	27	2	130
Warsaw - NewConnect	2	1	3	24	7	12	7	18	1	2
Euronext - Alternext	1	9	1	11	-	-	2	27	-	-
BME - Alternative	4	-	2	5	8	-	8	7	4	-
Exchange-regulated sub-total	30	636	54	1,440	50	1,464	66	1,460	37	2,223
Europe total	54	4,570	103	16,067	75	8,284	116	16,058	67	12,480

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 January and 31 March 2018 and captures introductions as well as IPOs based on their first trading date. Values include greenshoe. All market data is sourced from Dealogic and the stock markets themselves and has not been independently verified by PricewaterhouseCoopers LLP.



Contacts

Tilly Parke (Press office)

+44 (0) 7551 235010 tilly.parke@pwc.com

Mark Hughes

+44 (0) 7736 599759 mark.c.hughes@pwc.com

Lucy Tarleton

+44 (0) 7701 295718 lucy.c.tarleton@pwc.com

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