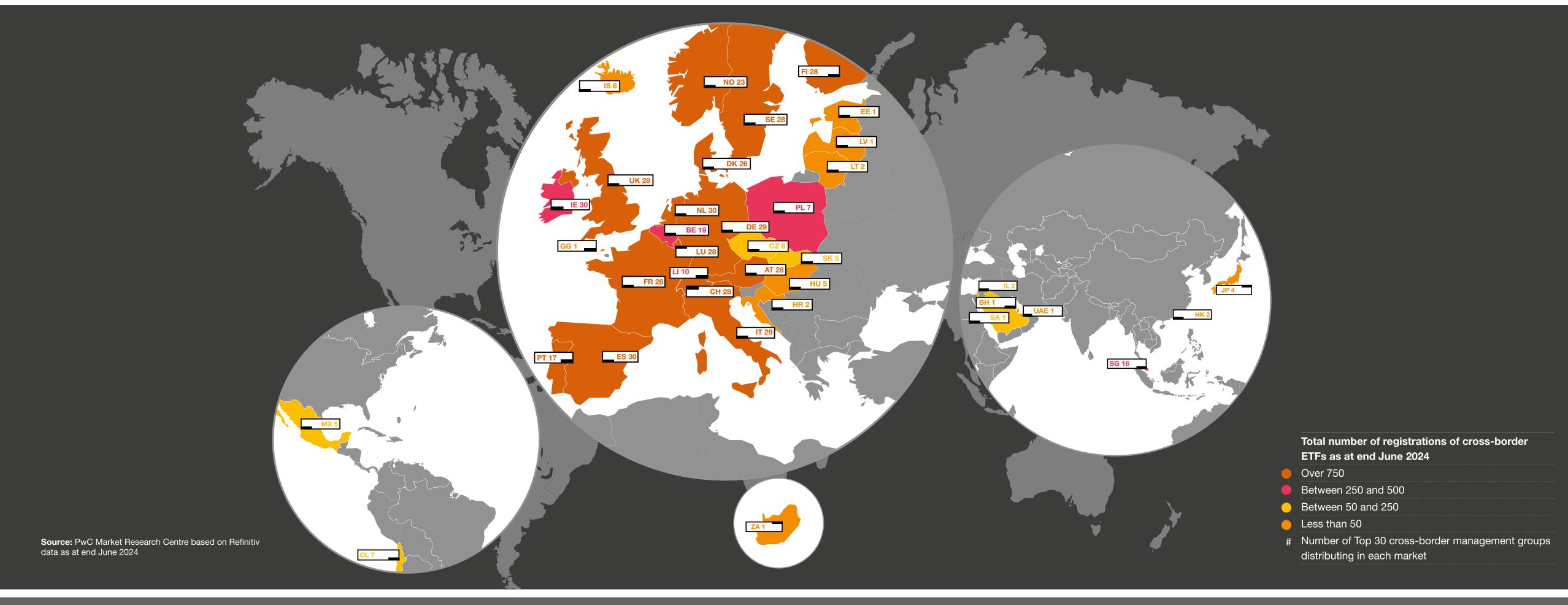
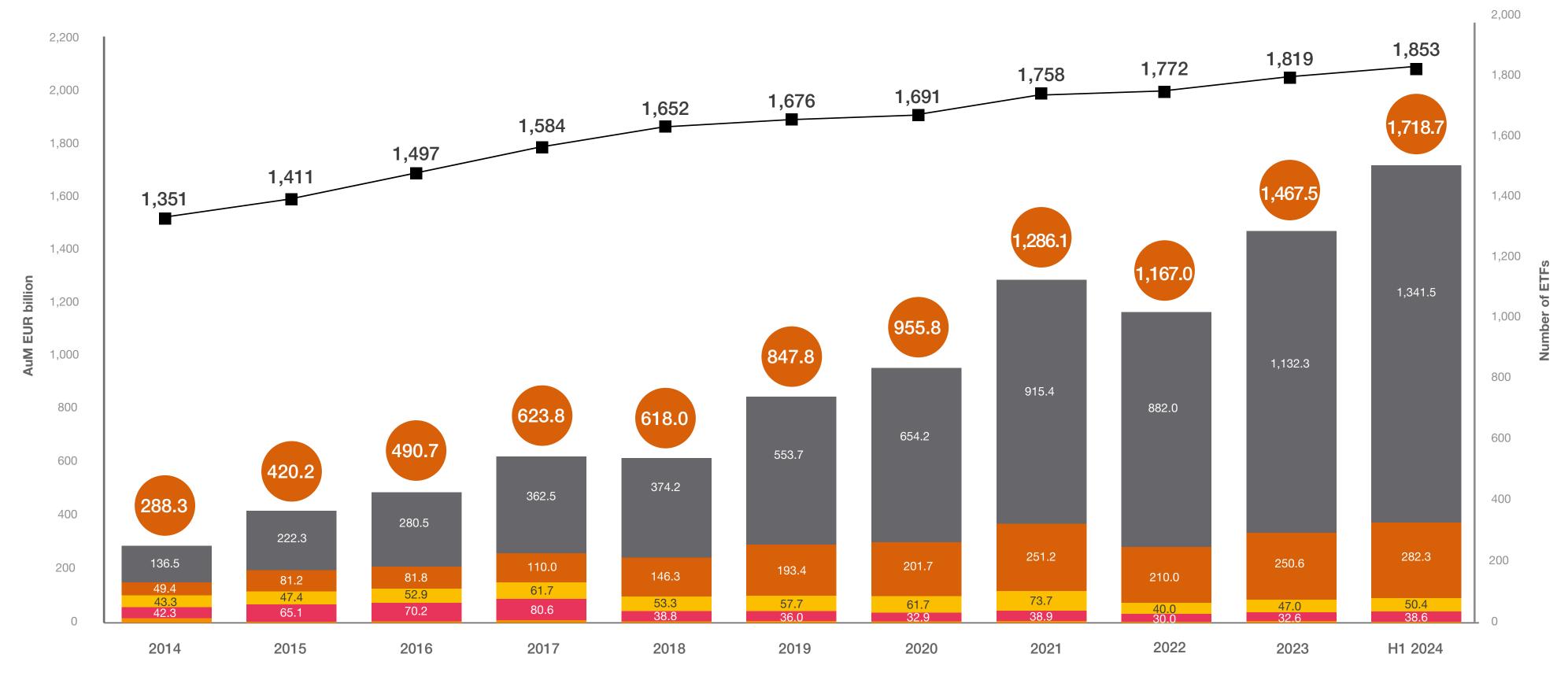


Hot spots for cross-border ETF distribution



Evolution of EU-domiciled ETFs

AuM by country of domicile and total number of ETFs



Sources: PwC Market Research Centre based on Refinitiv data as at end June 2024

Others

France

■ Ireland

Germany

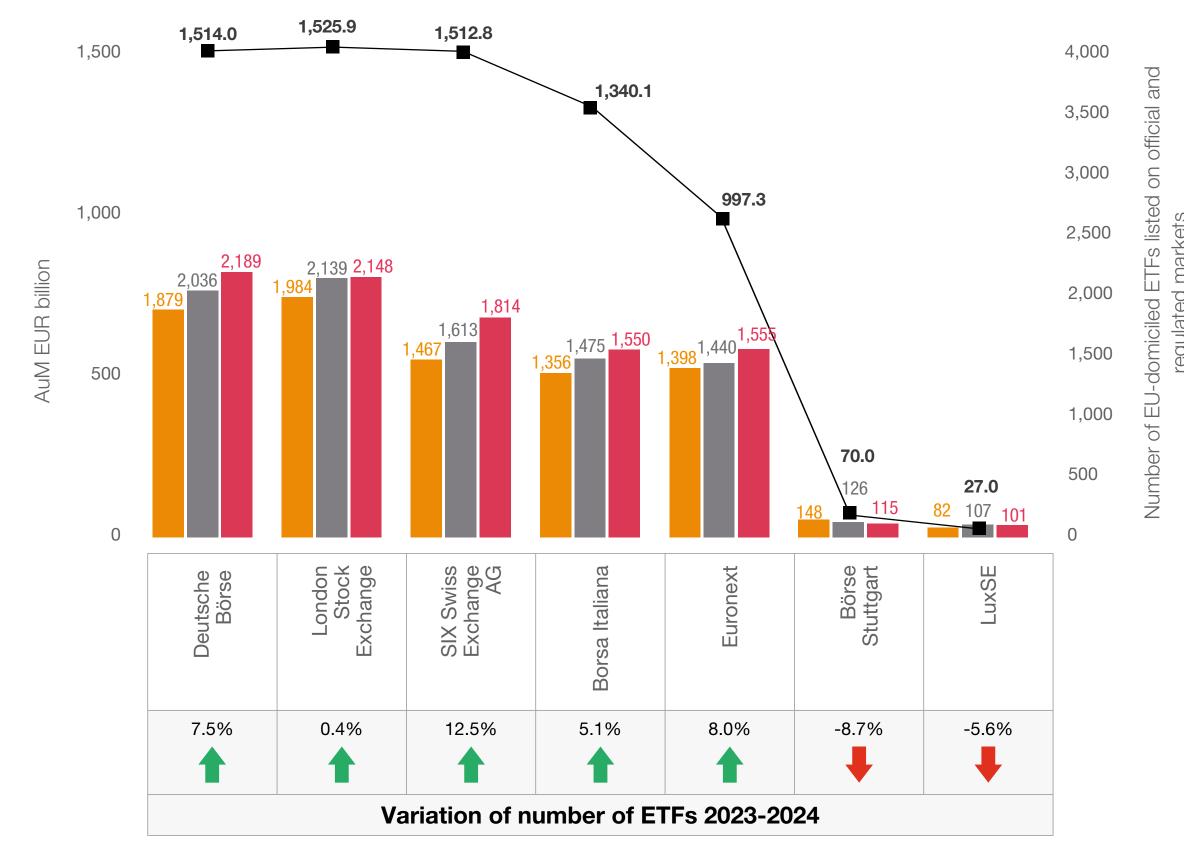
Luxembourg

— Total Number of ETFs

Total AuM of EU domicilied ETFs

New EU Listing Trends

Top European Stock Exchanges

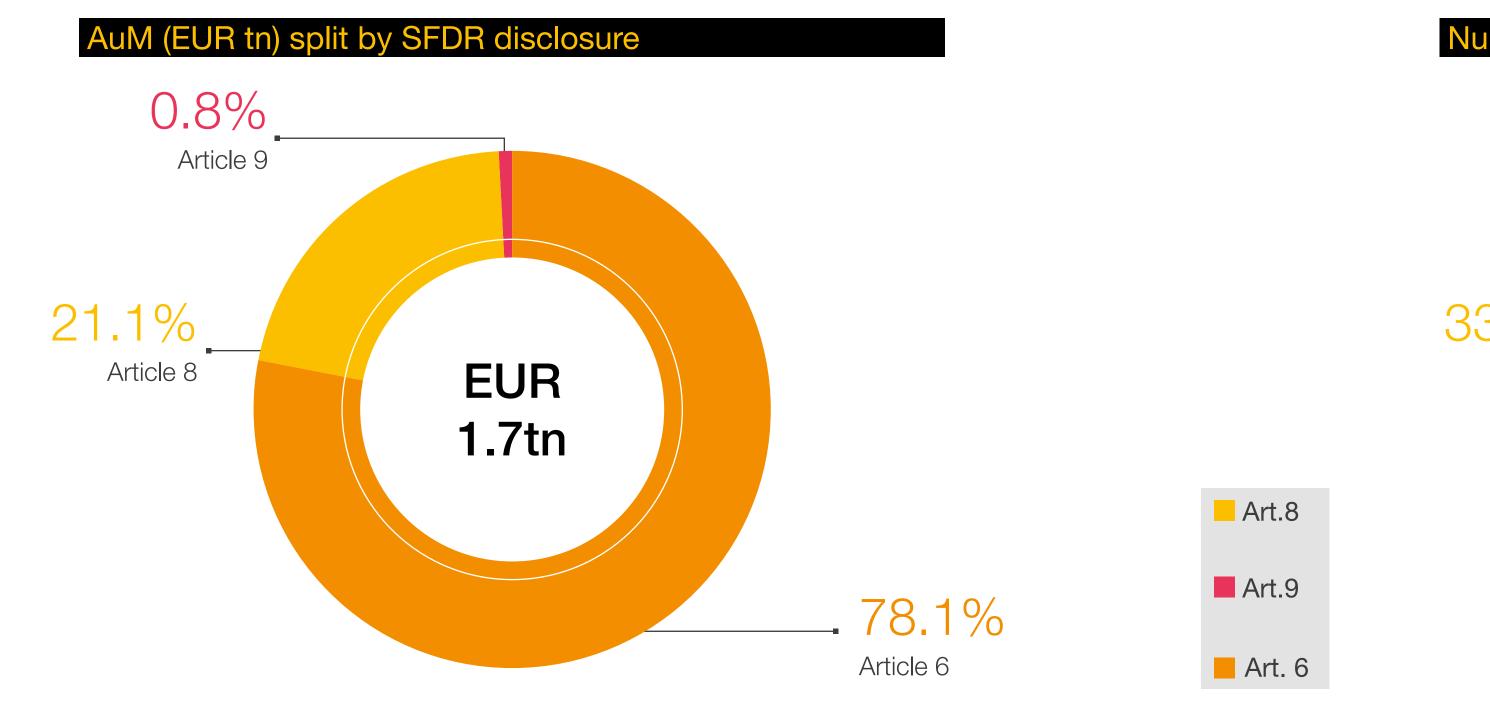


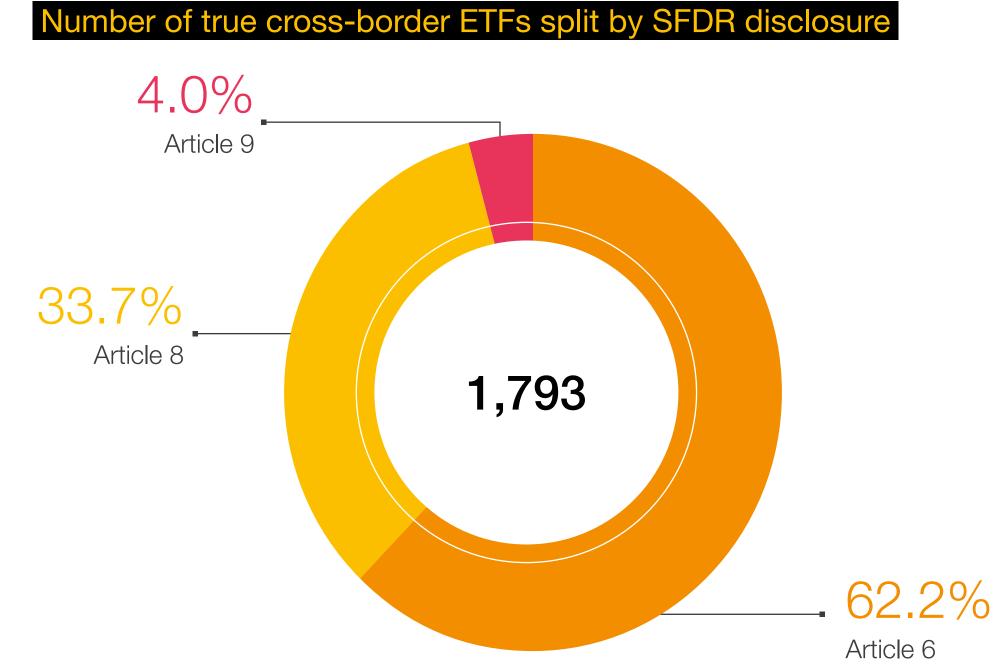
Sources: PwC Market Research Centre based on data from Refinitiv Lipper, Eikon and European Stock Exchanges as at end June 2024



European true cross-border ETFs SFDR disclosure

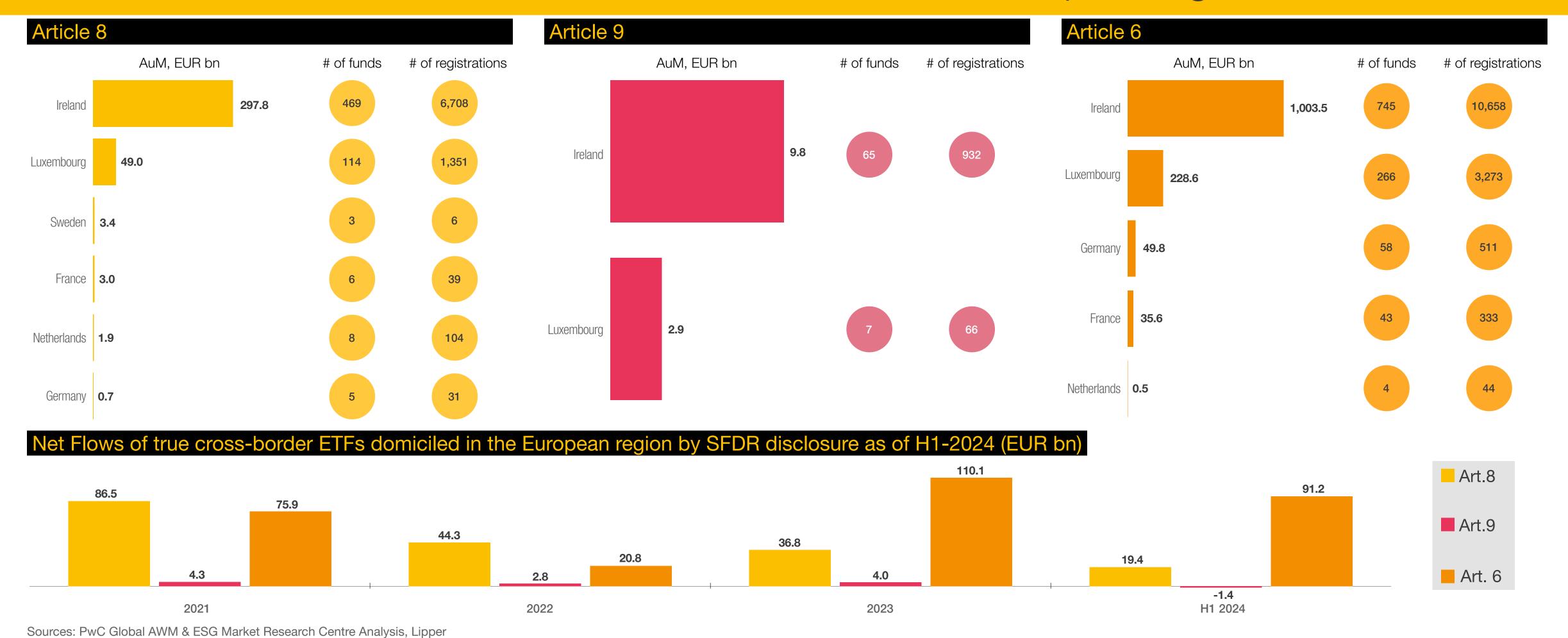
Article 6 funds dominate the EU ETF landscape, while Article 9 funds represent only a minor portion





Sources: PwC Market Research Centre based on Lipper - end June 2024

SFDR disclosure of true cross-border ETFs domiciled in the European region as of H1-2024



Top 30 cross-border management groups

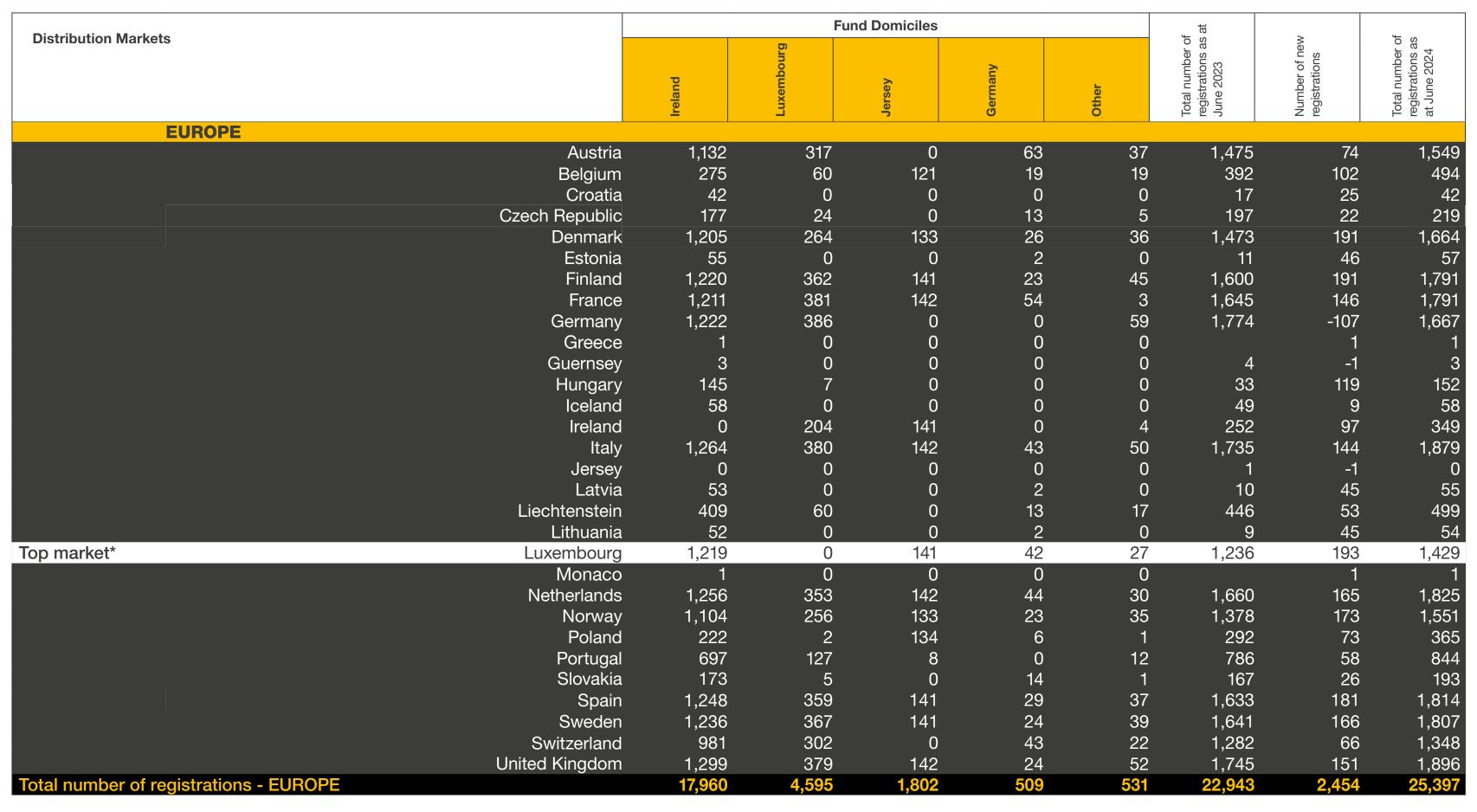
Ranked by the total number of distribution countries including domicile at group level

	s of distribution at ng domicile)		EUROPE																ASIA	1	AMERICAS		MIDDLE EAST		E	AFRICA											
b i.y i.y i.y i.y i.y i.y i.y i.y i.y i.y	Total # of countries group level (includin	Austria	Belgium	Croatia	Czech Republic	Denmark	Estonia	Finland	France	Germany	Guernsey	Hungary	Iceland	Ireland	Italy	Latvia	Liechtenstein	Lithuania	Luxembourg	Netherlands	Norway	Poland	Portugal	Slovakia	Spain	Sweden	Switzerland	United Kingdom	Hong Kong	Japan	Singapore	Chile	Mexico	Bahrain	Israel	United Arab Emirates	South Africa
1 BLACKROCK - ISHARES	32	•	•		•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•	•
2 INVESCO - POWERSHARES	26	•	•	•	•	•		•	•	•		•		•	•		•		•	•	•		•	•	•	•	•	•			•	•	•		•		
3 AMUNDI GROUP	25	•	•		•	•		•	•	•		•		•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•						
3 JPMORGAN CHASE & CO	25	•	•	•	•	•		•	•	•		•		•	•		•		•	•	•		•		•	•	•	•			•	•					
5 FIDELITY INVESTMENTS*	23	•	•		•	•		•	•	•	•	•	•	•	•		•		•	•	•	•	•	•	•	•	•	•									
6 UBS	21	•	•			•		•	•	•				•	•		•		•	•	•		•		•	•	•	•		•	•	•	•				
6 DWS-XTRACKERS	21	•	•			•		•	•	•				•	•				•	•	•		•		•	•	•	•	•	•	•	•					
8 VANGUARD GROUP*	20	•	•			•		•	•	•				•	•		•		•	•	•		•		•	•	•	•			•	•	•				
9 GOLDMAN SACHS*	19	•	•			•		•	•	•			•	•	•				•	•	•	•	•		•	•	•	•			•						
10 VANECK*	18	•	•			•		•	•	•				•	•				•	•	•	•	•		•	•	•	•			•						
11 WISDOMTREE	17	•	•			•		•	•	•				•	•				•	•	•	•			•	•	•	•		•							
11 FIRST TRUST*	17	•	•			•		•	•	•			•	•	•				•	•	•		•		•	•	•	•									
11 BNP PARIBAS*	17	•			•	•		•	•	•				•	•				•	•	•			•	•	•	•	•			•						
11 LEGAL & GENERAL GROUP	17	•				•		•	•	•				•	•		•		•	•	•				•	•	•	•			•	•					
15 HSBC	16	•	•			•		•	•	•				•	•				•	•			•		•	•	•	•			•						
15 AXA	16	•				•		•	•	•				•	•		•		•	•	•		•		•	•	•						•				
15 ABERDEEN ASSET MANAGEMENT*	16	•	•			•		•	•	•			•	•	•				•	•	•		•		•	•		•									
15 MORGAN STANLEY	16	•	•			•		•	•	•			•	•			•		•	•	•		•		•	•	•	•									
19 TABULA	15	•				•		•	•	•				•	•				•	•	•		•		•	•	•	•									
19 PIMCO*	15	•	•			•		•	•	•				•	•				•	•	•				•	•	•	•									
19 GLOBAL X MANAGEMENT COMPANY LLC*	15	•	•			•		•		•				•	•				•	•	•				•	•	•	•			•						
19 STATE STREET	15	•				•		•	•	•				•	•				•	•	•				•	•	•	•			•						
23 OSSIAM	14	•				•		•	•	•				•	•				•	•					•	•	•	•			•						
23 HANETF*	14	•				•		•	•	•				•	•				•	•	•				•	•	•	•									
23 CREDIT SUISSE GROUP	14	•								•				•	•		•		•	•					•	•	•	•			•						
26 RIZE	13	•				•		•		•				•	•				•	•	•				•	•	•	•									
26 FRANKLIN TEMPLETON	13	•				•		•	•	•				•	•				•	•					•	•	•	•									
28 KRANE FUNDS ADVISORS LLC	12							•	•	•				•	•				•	•			•		•	•	•	•									
29 UTI RSL*	9	•	•					•	•	•				•	•					•					•												
29 LEVERAGE SHARES*	9		•						•					•	•					•		•			•		•	•									
		28	19	2	6	26	1	28	28	29	1	5	6	30	29	1	10	2	28	30	23	7	17	5	30	28	28	28	2	4	16	7	5	1	2	1	1

Sources: PwC Market Research Centre based on Refinitiv data and promoters' feedbacks end June 2024

Target markets for ETFs distribution 1/2

* Top Market is defined as the market experiencing the largest expansion in terms of new registrations between June 2023 and June 2024.



Sources: PwC Market Research Centre based on Refinitiv data as at end June 2024

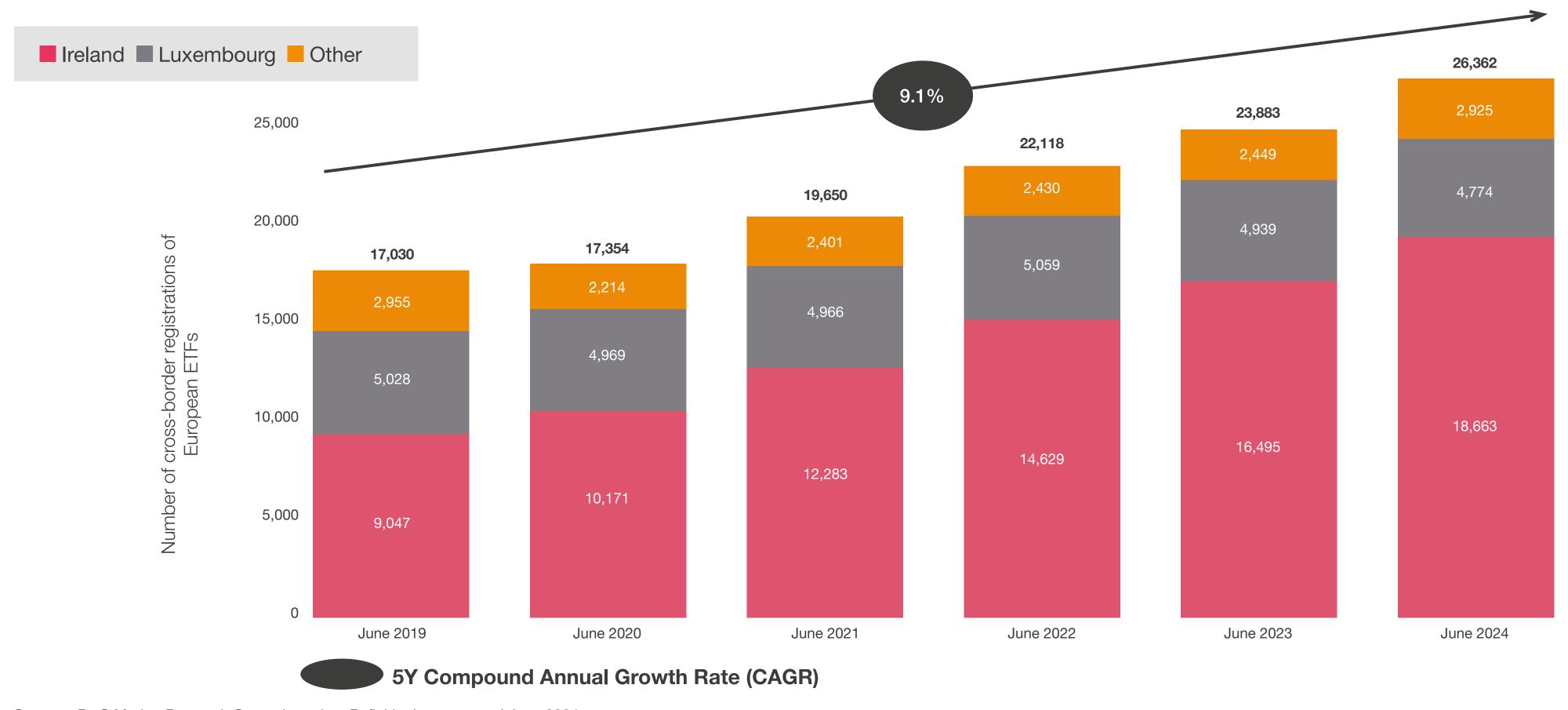
Target markets for ETFs distribution 2/2

Distribution Markets		F	und Domiciles	at		at		
	Ireland	Luxembourg	Jersey	Germany	Other	Total number of registrations as a June 2023	Number of new registrations	Total number of registrations as a June 2024
ASIA PACIFIC								
Australia	ı 0	0	0	0	0	1	-1	0
Hong Kong		6	0	0	0	6	0	6
Japan		0	19	0	0	43	-24	19
South Korea	0	17	0	0	0	23	-6	17
Top market* Singapore	354	87	0	13	21	369	106	475
Total number of registrations - ASIA PACIFIC	354	110	19	13	21	442	75	517
MIDDLE EAST								
Bahrain		0	0	0	0	9		9
Top market* Israe		0	0	0	0	126		155
Saudi Arabia		0	0	0	0	131	-125	6
United Arab Emirates		0	0	0	0	5		26
Total number of registrations - MIDDLE EAST	196	0	0	0	0	271	-75	196
AMERICAS Top market* Chile	e 69	57	0	1	9	120	16	136
Colombia		0	0	0	0	120	10	130
Mexico		12	0	19	1	69	11	80
Peru		0	0	19	0	15		12
Total number of registrations - AMERICAS	130	69	0	20	10	204		229
AFRICA	100				10	201		220
South Africa	ı 23	0	0	0	0	23	0	23
Total number of registrations - AFRICA	23	0	0	0	0	23		23
Total	18,663	4,774	1,821	542	562	23,883	2,479	26,362

Sources: PwC Market Research Centre based on Refinitiv data as at end June 2024

^{*} Top Market is defined as the market experiencing the largest expansion in terms of new registrations between June 2023 and June 2024.

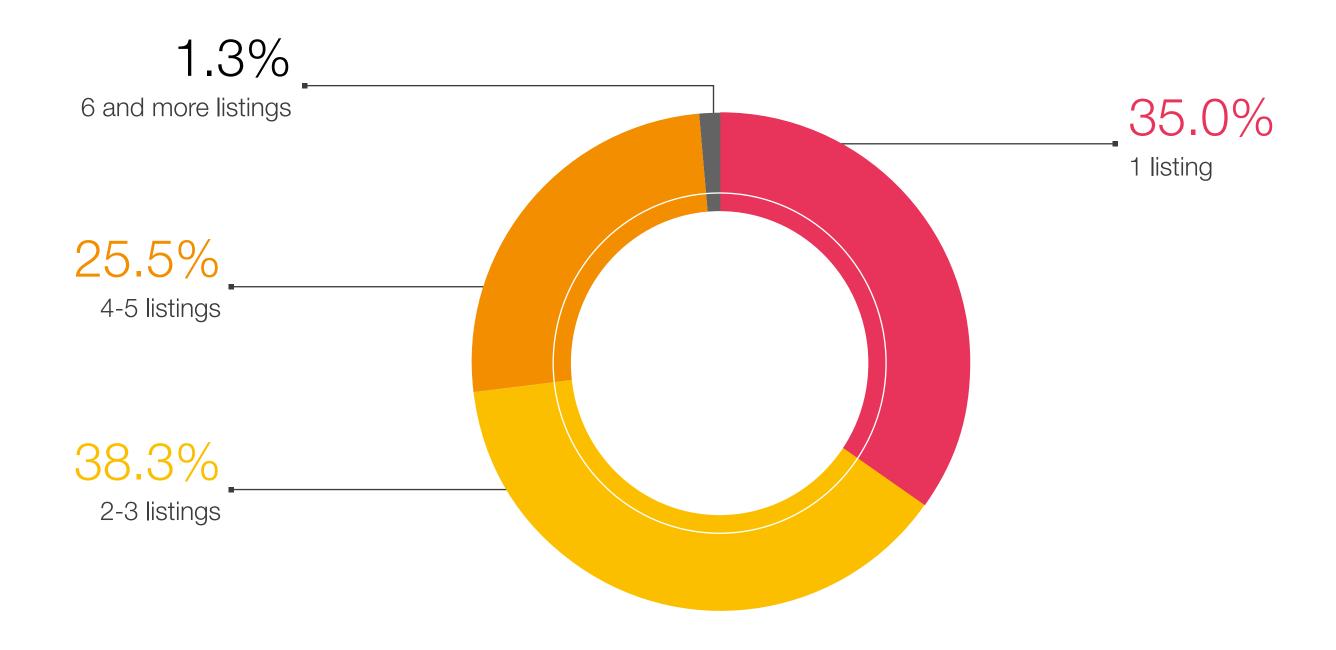
Evolution of the number of registrations by domicile



Sources: PwC Market Research Centre based on Refinitiv data as at end June 2024

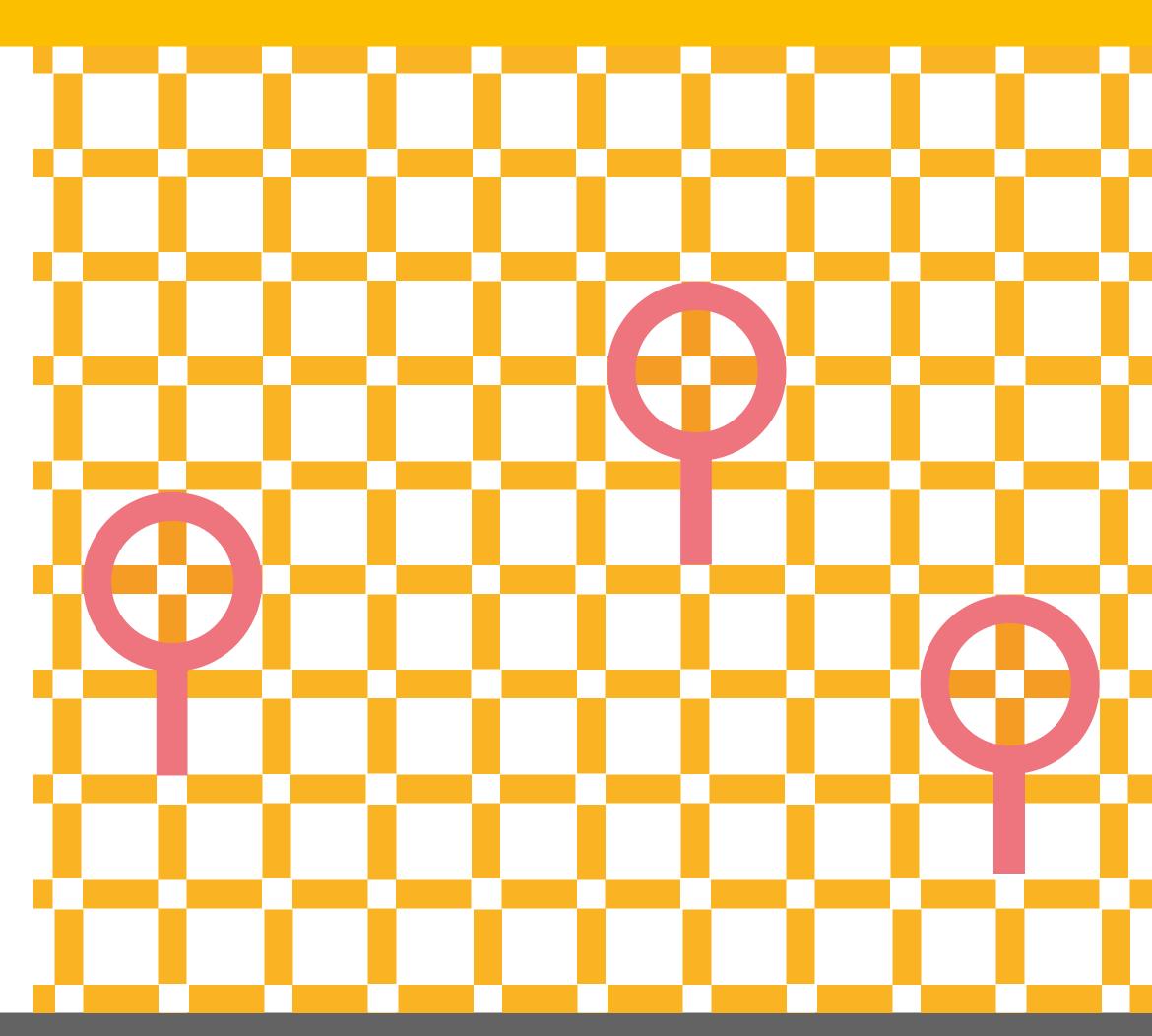
European ETFs cross-listing footprint*

Percentage based on the total number of ETFs



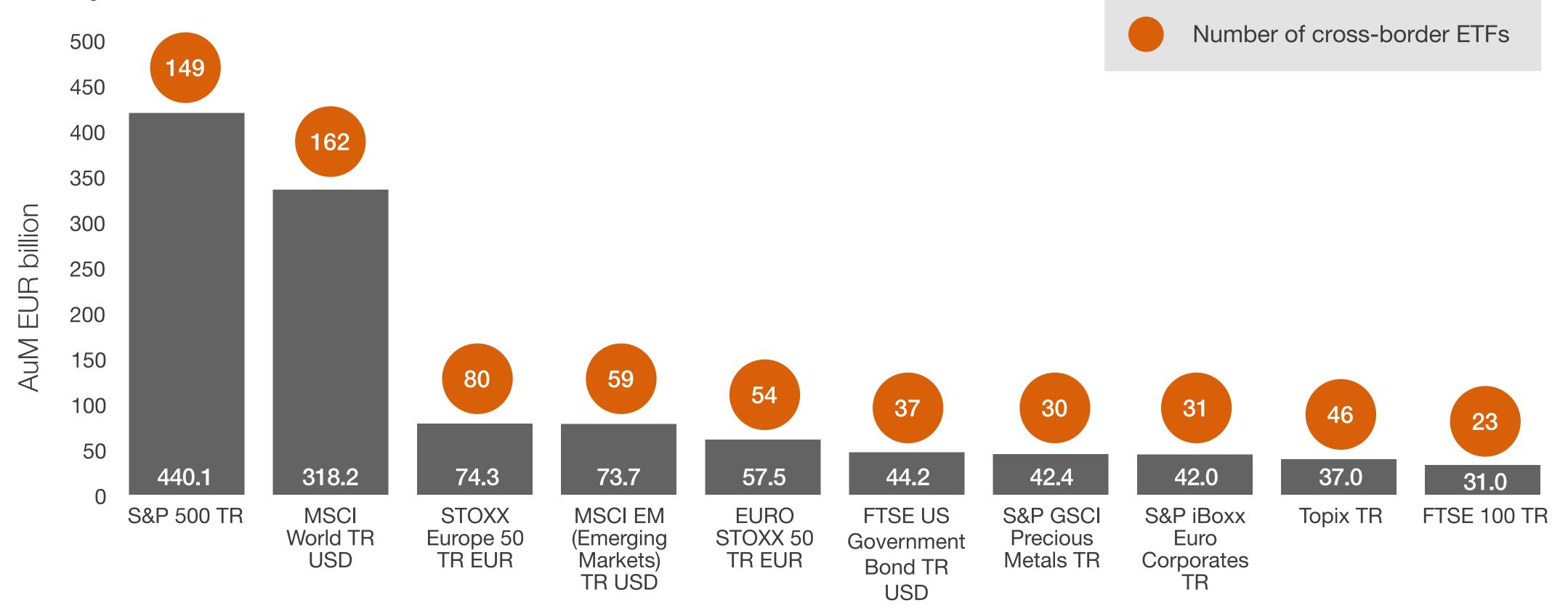
*Cross-listing on top European stock exchanges

Sources: PwC Market Research Centre based on European Stock Exchanges data as at end June 2024



Top 10 most popular tracked indices for European domiciled ETFs

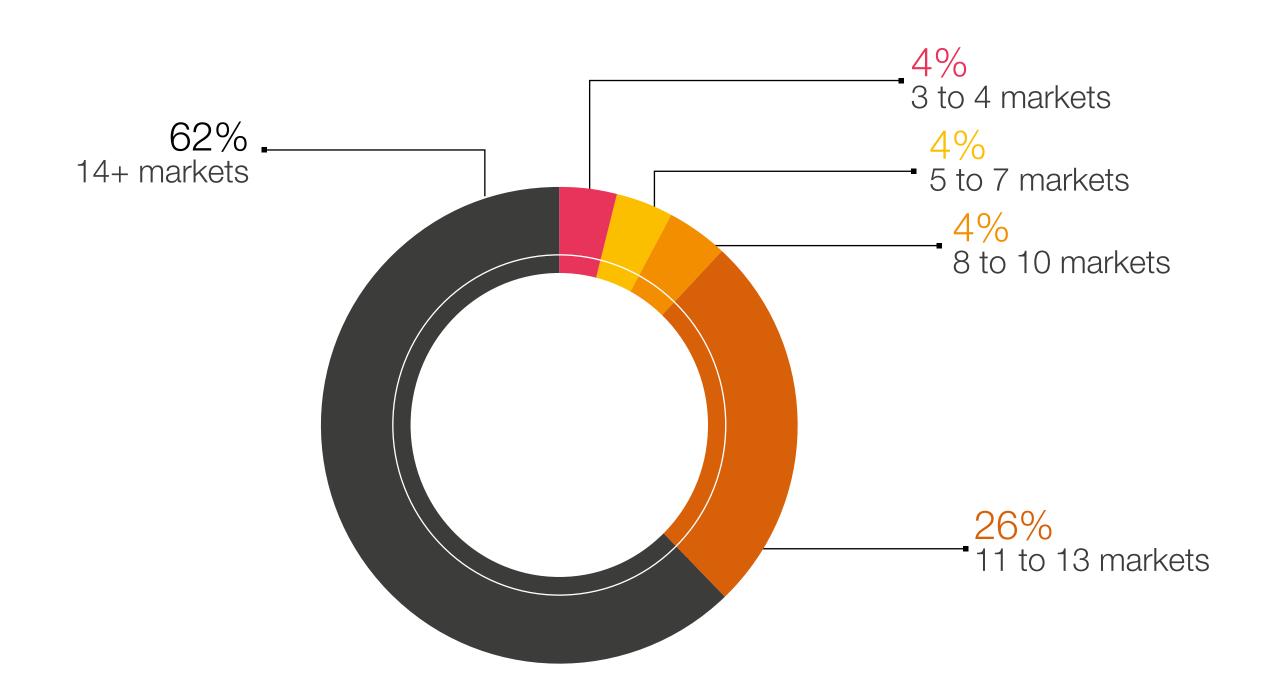
Ranked by AuM



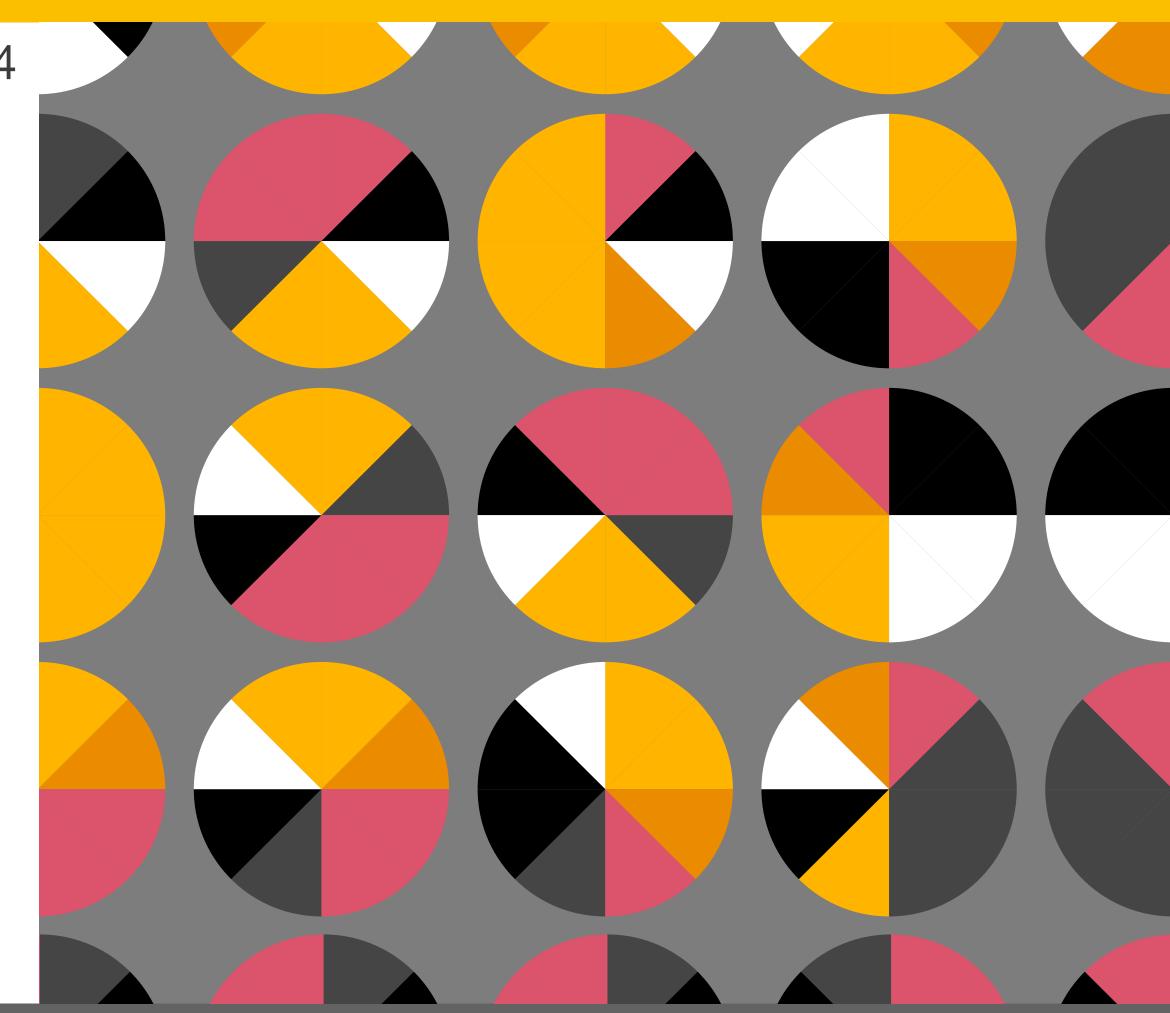
Sources: PwC Market Research Centre based on Refinitiv data as at end June 2024, according to Technical Indicator Benchmark; AuM weighted

ETF distribution footprint

Number of countries of registration per ETFs as at June 2024

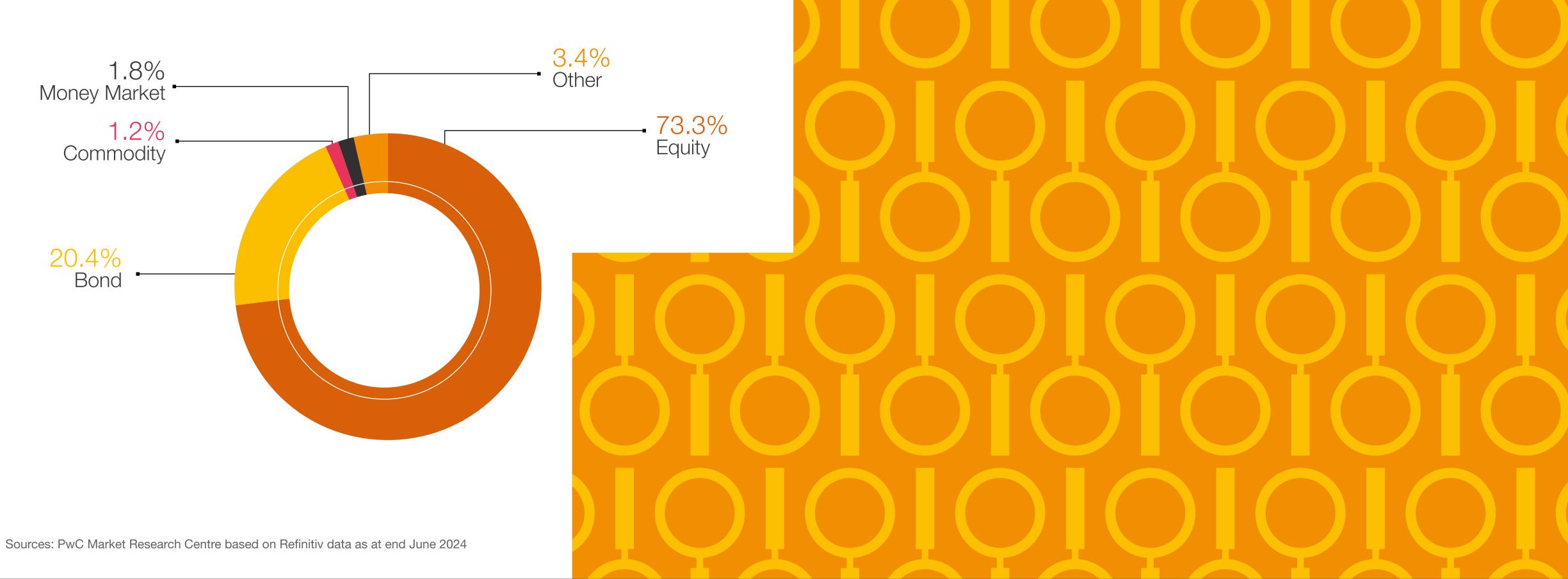


Source: PwC Market Research Centre based on Refinitiv data as at end June 2024, number of markets of distribution (including the domicile)



Asset class split

Breakdown based on AuM of European-domiciled ETFs



Key facts



Minimum number of countries for distribution to enter the top 10 ETF cross-border management groups



Compound annual growth rate of EU-domiciled ETFs AuM since 2014

Note: We acquire data on newly listed ETFs directly from the major European stock exchanges

The top market for new registrations in **Europe**



Israel

The top market for new registrations in



The top market for new registrations in Americas

The top market for new registrations in Asia Pacific



36.5%

of EU-domiciled true cross border ETFs are ESG ETFs, disclosing as per Article 8 or 9 of the SFDR.



Total number of European ETFs crossborder registrations

EU-domiciled ETFs newly listed on top European stock exchanges are ESG ETFs

of European-domiciled ETFs are Equity ETFs

PwC's Global Fund Distribution practice: ETF Services Supporting your ETF distribution

Between 2014 and June 2024, EU-domiciled ETFs have grown at a compound annual growth rate (CAGR) of 20.7%, more than three times the growth rate of EU-domiciled UCITS (6.3%) during the same period. As of end June 2024, AuM of EU-domiciled ETFs stood at EUR 1,718.7 billion.

This demonstrates a continued appetite of investors for passive and low cost investment vehicles, however is it sustainable?

How will the latest European regulations, ESG considerations, and M&A activity in the ETF industry shape the future?

To discuss these points, and to deep-dive into the data shown within this publication, please contact any of our ETF experts.

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