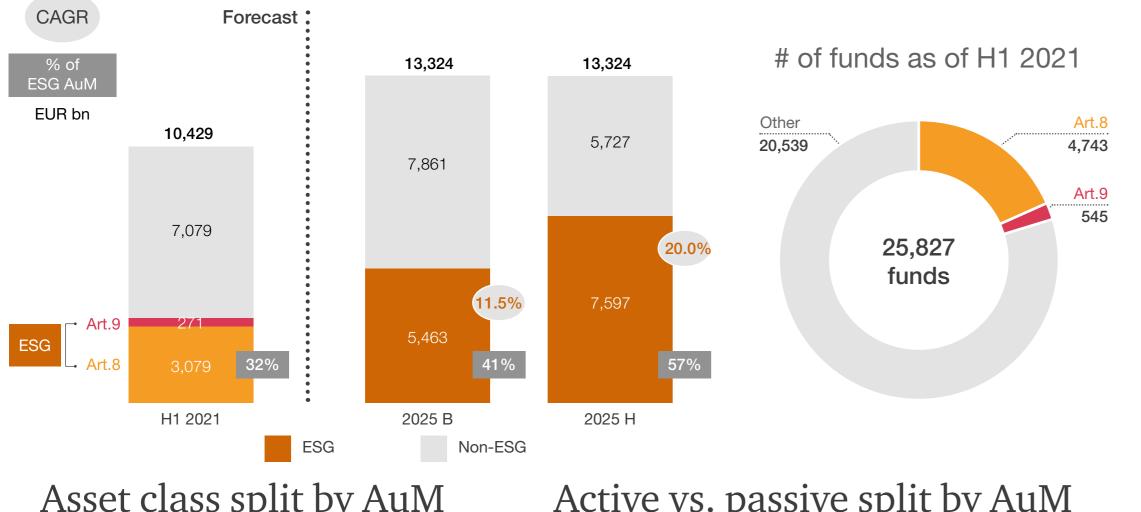
EU ESG UCITS Poster

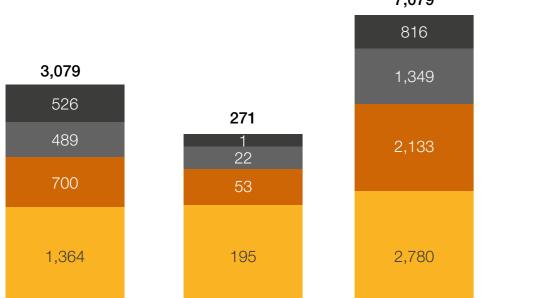
H1 2021



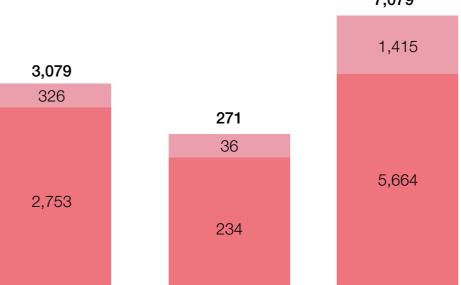
EU ESG AuM to reach up to EUR 7.6tn by 2025



Asset class split by AuM (as of H1 2021, EUR bn) 7,079



Active vs. passive split by AuM (as of H1 2021, EUR bn) 7,079



Top 20 Asset Managers as of H1 2021...

...in terms of Article 8 AuM & number of funds

#	Name	By AuM (EUR bn)	#	Name	By number of funds
1	Amundi	255.0	1	Amundi	265
2	BlackRock	228.0	2	BNP Paribas	231
3	BNP Paribas	172.6	3	Nordea	162
4	Swedbank	139.5	4	Eurizon	135
5	Nordea	129.3	5	NN Investment Partners	125
6	Allianz Global Investors	112.8	6	Allianz Global Investors	123
7	JPMorgan	112.6	7	BlackRock	102
8	Fidelity International	93.5	8	Robeco	98
9	Eurizon	81.2	9	Swedbank	90
10	AllianceBernstein	71.3	10	AXA	83
11	NN Investment Partners	64.1	11	JPMorgan	73
12	Goldman Sachs	62.0	12	SEB	70
13	Robeco	61.5	13	UBS	61
14	Pictet	53.7	14	DWS	61
15	UBS	47.3	15	AllianceBernstein	58
16	SEB	47.3	16	Fidelity International	58
17	Northern Trust	43.5	17	Lazard Asset Management	53
18	AXA	40.5	18	Candriam	49
19	Crédit Mutuel AM	37.6	19	Lombard Odier	48
20	DWS	37.1	20	Deka	47

...in terms of Article 9 AuM & number of funds

#	Name	By AuM (EUR bn)	#	Name	By number of funds
1	Pictet	29.3	1	Candriam	33
2	Candriam	18.8	2	AXA	32
3	Robeco	15.3	3	NN Investment Partners	28
4	NN Investment Partners	15.1	4	Amundi	21
5	AXA	14.9	5	Mirova	20
6	BlackRock	14.3	6	Robeco	16
7	Amundi	13.8	7	CPR Asset Management	15
8	Mirova	12.4	8	BNP Paribas	12
9	Nordea	9.6	9	ASN Bank	11
10	CPR Asset Management	6.5	10	Actiam	11
11	Etica	5.6	11	BlackRock	10
12	ASN Bank	5.5	12	Pictet	10
13	Actiam	5.4	13	Lyxor	9
14	Natixis Funds	5.2	14	DWS	9
15	BNP Paribas	5.0	15	Deka	8
16	ASR Bank	4.3	16	Legal & General	7
17	Danske Invest	4.2	17	Swisscanto	7
18	Pimco	4.0	18	Vontobel	7
19	AG2R La Mondiale	3.8	19	First State Investments	7
20	Federated Hermes	3.6	20	Société Générale	6



Asset class split by # of funds (as of H1 2021)

	# of Art. 8 funds	# of Art. 9 funds	# of Other funds
Equity	2,312	363	7,524
Bond	1,274	131	5,432
Mixed	1,036	49	7,154
Money Market	121	2	429
Total	4,743	545	20,539

Active vs. passive split by # of funds (as of H1 2021)

Art.9

Active

Passive

Other

	# of Art. 8 funds	# of Art. 9 funds	# of Other funds
Active	4,282	458	18,630
Passive	461	87	1,909
Total	4,743	545	20,539

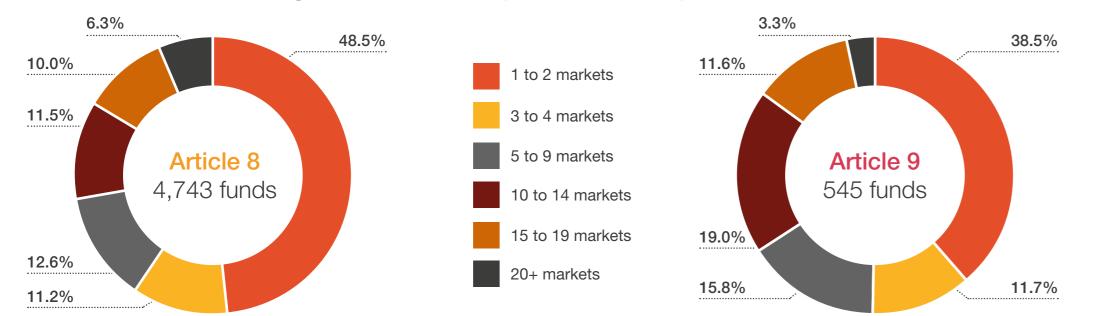
Top EU ESG funds domiciles by AuM as of H1 2021

Art.8

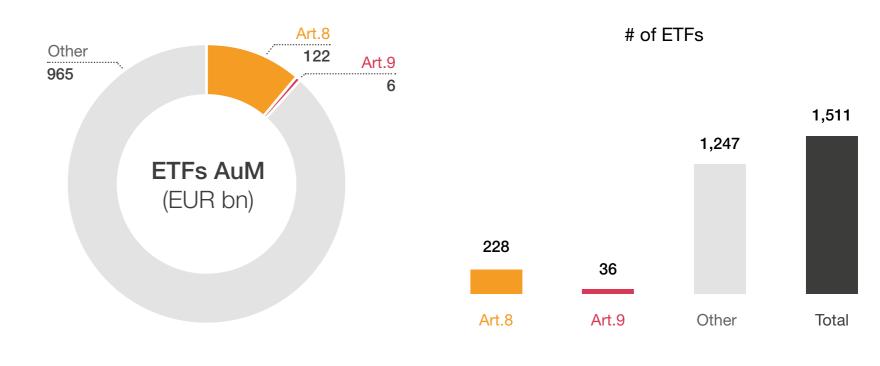
	Article 8			Ar	ticle 9
	AuM, EUR bn	# of funds		AuM, EUR bn	# of funds
Luxembourg		1,357.4 1,967	Luxembourg		163.1 262
France	515.3	725	France	32.6	93
Ireland	491.3	541		=	
Sweden	298.6	303	Ireland	24.4	66
Netherlands	103.9	181	Netherlands	22.8	48
Germany	91.4	300	Italy	6.6	8
Italy	47.8	141	Denmark	5.4	12
Belgium	47.1	101	Austria		
Finland	39.5	84			10
Denmark	31.8	106	Spain	3.5	3
Austria	28.5	185	Germany	2.9	20
Spain	25.8	87	Belgium	2.9	13
Poland	0.7	13	Sweden	22	6
Portugal	0.11	1		•	
Estonia	0.06	2	Finland	0.2	2
Hungary	0.04	6	Poland	0.1	2

Distribution footprint

Number of countries registered for sale (as of H1 2021)



EU ESG ETFs surpass EUR 125bn as of H1 2021



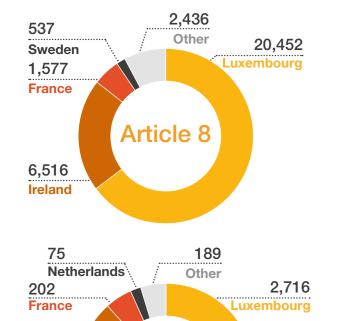
Top EU ETFs by AuM as of H1 2021

#	Article 8 - ETF name	Promoter	AuM (EUR bn)
1	iShares MSCI USA SRI UCITS ETF	BlackRock	6.7
2	SPDR Bloomberg SASB U.S. Corporate ESG UCITS ETF	State Street Global Advisors	4.7
3	iShares MSCI World SRI UCITS ETF	BlackRock	3.9
4	iShares MSCI Europe SRI UCITS ETF	BlackRock	3.9
5	UBS LFS MSCI World Socially Resp UCITS	UBS	3.7
6	iShares MSCI USA ESG Screened UCITS ETF	BlackRock	3.3
7	iShares MSCI USA ESG Enhanced UCITS ETF	BlackRock	3.2
8	iShares Automation & Robotics UCITS ETF	BlackRock	3.2
9	UBS (Irl) ETF plc-MSCI ACWI SocRsp UCI ETF	UBS	3.1
10	UBS(IrI)ETF plc-MSCI ACWI ESG Unv LCar Sel UE	UBS	2.5
11	UBS LFS - MSCI EMU Soc Responsible U ETF	UBS	2.5
12	Xtrackers MSCI USA ESG UCITS ETF	DWS	2.4
13	L&G Cyber Security UCITS ETF	Legal & General	2.4
14	iShares € Corp Bond ESG UCITS ETF	BlackRock	2.3
15	Xtrackers MSCI World ESG UCITS ETF	DWS	2.2
#	Article 9 - ETF name	Promoter	AuM (EUR mp)
#		Promoter BNP Paribas	AuM (EUR mn) 854.4
	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF	BNP Paribas	(EUR mn)
1			<mark>(EUR mn)</mark> 854.4
1 2	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF	BNP Paribas Lyxor	<mark>(EUR mn)</mark> 854.4 752.2
1 2	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF	BNP Paribas Lyxor Deka	(EUR mn) 854.4 752.2 596.0
1 2 3 4	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF	BNP Paribas Lyxor Deka Lyxor	(EUR mn) 854.4 752.2 596.0 574.7
1 2 3 4 5	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General	(EUR mn) 854.4 752.2 596.0 574.7 387.7
1 2 3 4 5 6	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1
1 2 3 4 5 6 7	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF iShares Smart City Infrastructure UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka BlackRock	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1 212.7
1 2 3 4 5 6 7 8	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF iShares Smart City Infrastructure UCITS ETF Rize Sustainable Future of Food UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka BlackRock Rize	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1 212.7 208.6
1 2 3 4 5 6 7 8 9	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF iShares Smart City Infrastructure UCITS ETF Rize Sustainable Future of Food UCITS ETF Deka MSCI Germany Climate Change ESG UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka BlackRock Rize Deka	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1 232.1 212.7 208.6 207.6
1 2 3 4 5 6 7 8 9 10	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF iShares Smart City Infrastructure UCITS ETF Rize Sustainable Future of Food UCITS ETF Deka MSCI Germany Climate Change ESG UCITS ETF L&G Clean Water UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka BlackRock Rize Deka Legal & General	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1 212.7 208.6 207.6 195.8
1 2 3 4 5 6 7 8 9 10 11	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF Shares Smart City Infrastructure UCITS ETF Rize Sustainable Future of Food UCITS ETF Deka MSCI Germany Climate Change ESG UCITS ETF L&G Clean Water UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka BlackRock Rize Deka Legal & General Legal & General	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1 232.1 212.7 208.6 207.6 195.8 185.0
1 2 3 4 5 6 7 8 9 10 11 12	BNPP Easy Low Carbon 100 Europe PAB UCITS ETF Lyxor NetZero2050 SP Eurozon Clim PAB DR ETF Deka MSCI USA Climate Change ESG UCITS ETF Lyxor Green Bond (DR) UCITS ETF L&G Hydrogen Economy UCITS ETF Deka MSCI EMU Climate Change ESG UCITS ETF iShares Smart City Infrastructure UCITS ETF Rize Sustainable Future of Food UCITS ETF Deka MSCI Germany Climate Change ESG UCITS ETF L&G Clean Water UCITS ETF L&G Clean Water UCITS ETF L&G Healthcare Breakthrough UCITS ETF	BNP Paribas Lyxor Deka Lyxor Legal & General Deka BlackRock Rize Deka Legal & General Legal & General Legal & General	(EUR mn) 854.4 752.2 596.0 574.7 387.7 232.1 232.1 212.7 208.6 207.6 195.8 185.0 179.5

Distribution markets of key EU domiciles as of H1 2021

Number of registrations by domicile

Top destinations, excluding domicile



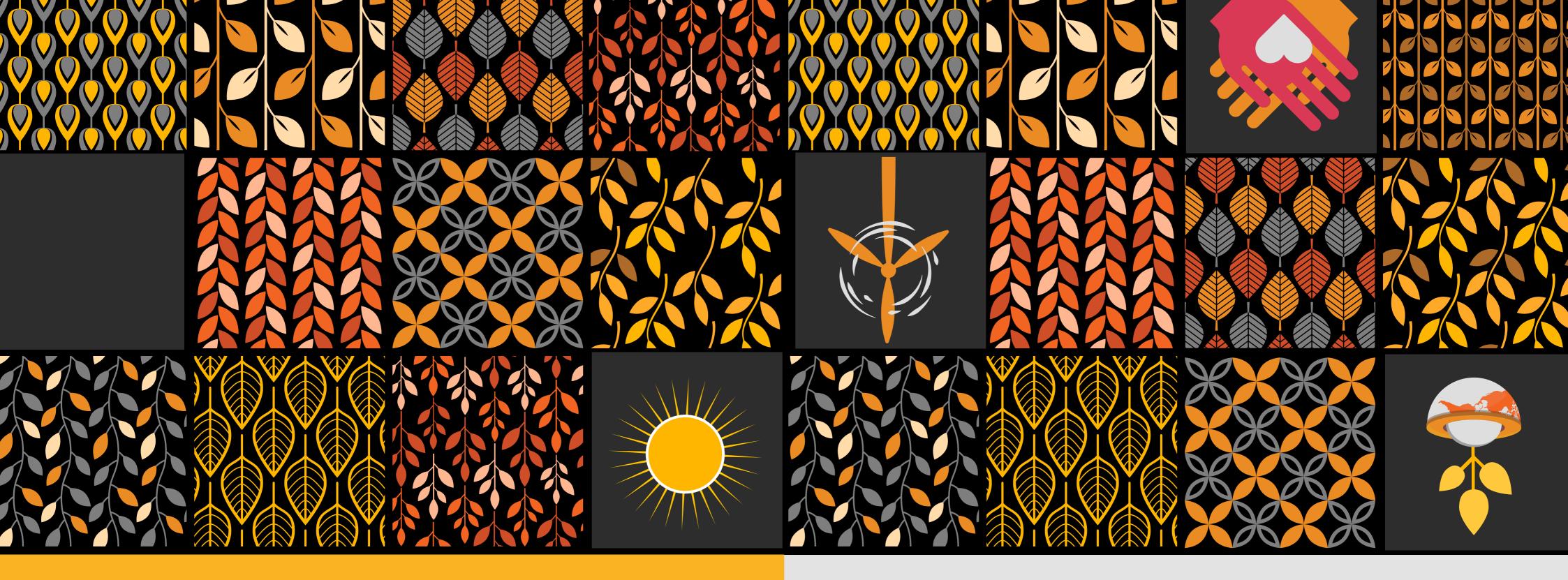
Article 9

856 Ireland

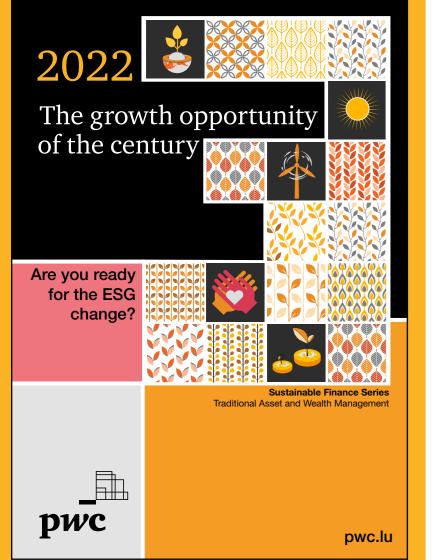
Luxembourg- Domiciled Art. 8	# of registrations	Ireland-Domiciled Art. 8	# of registrations
Germany	1,494	United Kingdom	474
Switzerland	1,293	Germany	465
France	1,229	Austria	405
Austria	1,213	Sweden	389
Italy	1,117	Luxembourg	388

Luxembourg- Domiciled Art. 9	# of registrations	Ireland-Domiciled Art. 9	# of registration
Germany	233	United Kingdom	66
Switzerland	202	Germany	63
Austria	193	Austria	57
France	191	Italy, Netherlands,	55
Spain	169	Luxembourg	54
	Domiciled Art. 9 Germany Switzerland Austria France	Domiciled Art. 9# of registrationsGermany233Switzerland202Austria193France191	Domiciled Art. 9Art. 9Germany233United KingdomSwitzerland202GermanyAustria193Italy, Netherlands, Switzerland

Note 1: Other includes Article 6 funds, funds that have not reported their SFDR status to Refinitiv Lipper and funds for which no data is available. Note 2: Future versions of the poster will include the two new SFDR sub-categories proposed by ESMA. Sources: PwC Global AWM Market Research Centre, Refinitiv Lipper



Our European Sustainable **Finance Series**



2022: The growth opportunity of the century

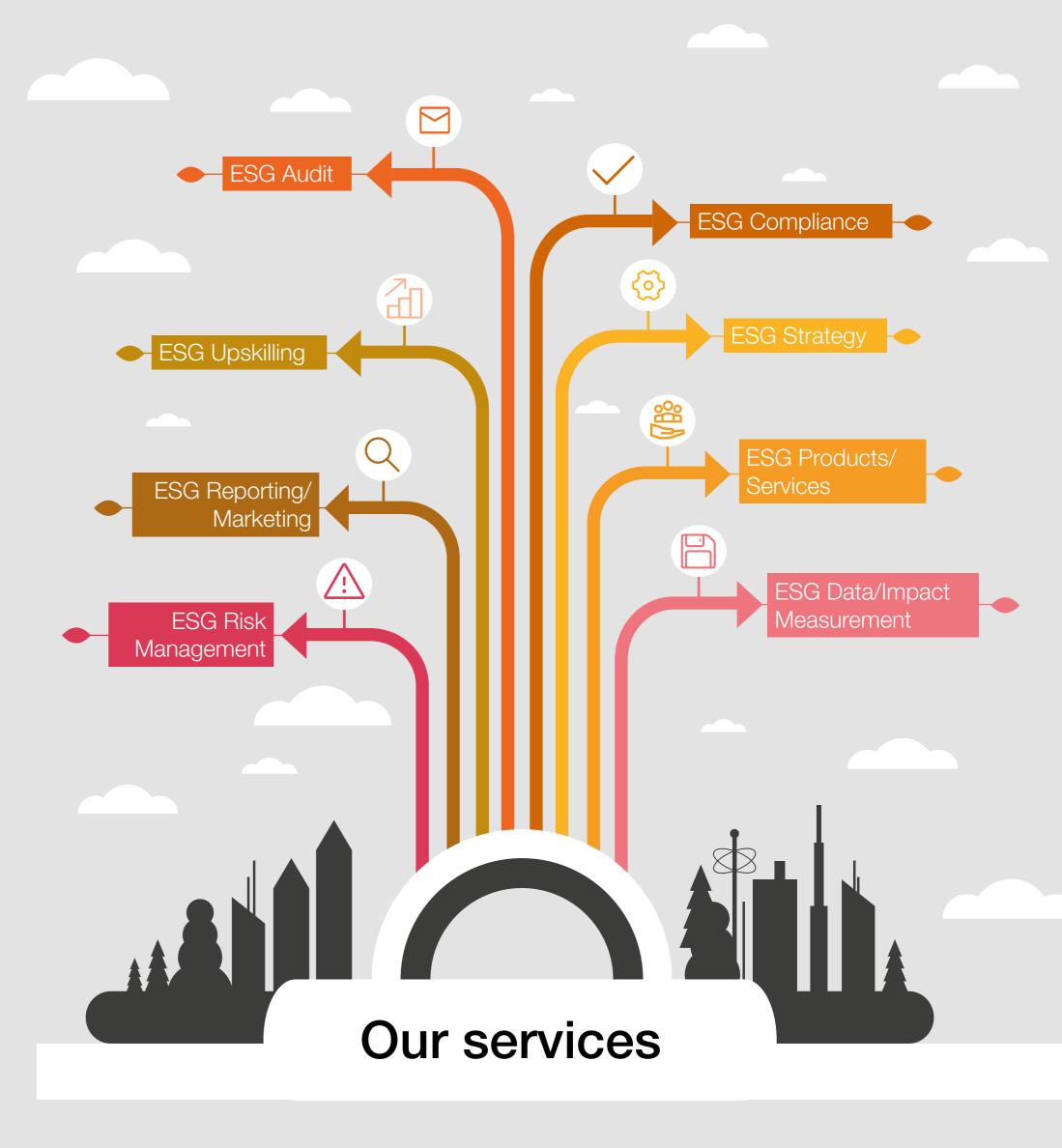
PwC ESG and sustainable offering for AWM clients

The first report in our European Sustainable Finance Series highlights the key catalysts behind the current 'ESG revolution' in Europe's traditional Asset & Wealth Management realm. Drawing on historical data, forecasts, qualitative insights and a survey of over 1,000 respondents, the study provides a comprehensive picture of current and future status of ESG within the traditional sphere. We then leverage these findings to provide asset managers with key actions they should consider undertaking in order to fully unlock the ESG opportunity.

EU Private Markets: ESG Reboot

The second report in our European Sustainable Finance Series delves into the major external and internal drivers that have been 'ESG-fying' the European Private Markets landscape. Based on historical data, 2025 projections, proprietary survey results and qualitative analyses, the report provides a thorough overview of European ESG Private Markets landscape at both an aggregate and asset-class specific level. The report concludes by highlighting the key steps that we believe GPs should consider in order to embrace the ESG revolution and reap all the benefits therein.







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