DWS Investment GmbH

DWS Deutschland

Semiannual Report 2022/2023



Investors for a new now



Contents

Semiannual report 2022/2023 for the period from October 1, 2022, through March 31, 2023 (in accordance with article 103 of the German Investment Code (KAGB))

- 2 / General information
- 4 / Semiannual report DWS Deutschland

General information

Performance

The investment return, or performance, of a mutual fund investment is measured by the change in value of the fund's units. The net asset values per unit (= redemption prices), with the addition of intervening distributions, are used as the basis for calculating the value; in the case of domestic reinvesting funds, the domestic investment income tax - following any deduction of foreign withholding tax - plus solidarity surcharge charged to the fund are added. Performance is calculated in accordance with the "BVI method". Past performance is not a guide to future results.

The corresponding benchmarks – if available – are also presented in the report. All financial data in this publication is as of March 31, 2023 (unless otherwise stated).

Sales prospectuses

The sole binding basis for a purchase is the current version of the sales prospectus, including the Terms and Conditions of Investment, and the key investor information document, which are available from DWS Investment GmbH or any branch of Deutsche Bank AG as well as from other paying agents.

Information about the all-in fee

The all-in fee does not include the following expenses:

- a) any costs that may arise in connection with the acquisition and disposal of assets;
- b) any taxes that may arise in connection with administrative and custodial costs;
- c) the costs of asserting and enforcing the legal claims of the investment fund.

The details of the fee structure are set out in the current sales prospectus.

Issue and redemption prices

Each exchange trading day on the Internet:

www.dws.de

Russia/Ukraine crisis

The conflict between Russia and Ukraine marked a dramatic turning point in Europe, which, among other things, is impacting on Europe's security architecture and energy policies in the long term and has caused considerable volatility. This volatility is likely to continue. However, the specific or possible medium-to-long-term effects of the crisis on the economy, individual markets and sectors, as well as the social implications, cannot be conclusively assessed due to the uncertainty at the time of preparing this report. The Asset Management Company of the investment fund is therefore continuing its efforts, within the framework of its risk management strategy, to assess these uncertainties and their possible impact on the activities, liquidity and performance of the investment fund. The Asset Management Company is taking all measures deemed appropriate to protect investor interests to the greatest possible extent.



Performance of unit classes vs. benchmark (in EUR)						
Unit class	ISIN	6 months				
Class LC	DE0008490962	35.2%				
Class FC	DE000DWS2F23	35.6%				
Class GLC	DE000DWS2S28	35.3%				
Class GTFC	DE000DWS2S36	35.7%				
Class IC	DE000DWS2GT0	35.7%				
Class LD	DE000DWS2F15	35.2%				
Class TFC	DE000DWS2R94	35.6%				
Class TFD	DE000DWS2SA5	35.6%				
CDAX		29.2%				

DWS Deutschland		
Overview of the unit classes		
ISIN	LC FC LD IC GLC GTFC TFC	DE0008490962 DE000DWS2F23 DE000DWS2F15 DE000DWS2GT0 DE000DWS2S28 DE000DWS2S36 DE000DWS2R94 DE000DWS2SA5
Security code (WKN)	LC FC LD IC GLC GTFC TFC	849096 DWS2F2 DWS2F1 DWS2GT DWS2S2 DWS2S3 DWS2R9 DWS2SA
Fund currency		EUR
Unit class currency	LC FC LD IC GLC GTFC TFC	EUR
Date of inception and initial subscription	FC LD IC GLC GTFC TFC	October 20, 1993 (from January 19, 2016, as LC unit class) January 19, 2016 June 30, 2017 August 1, 2016 January 2, 2018 January 2, 2018 January 2, 2018

DWS Deutschland Overview of the unit classes	(continued)	
Initial sales charge	LC FC LD IC GLC GTFC TFC TFD	5% None 5% None 5% None None
Distribution policy	LC FC LD IC GLC GTFC TFC TFD	Reinvestment Reinvestment Distribution Reinvestment Reinvestment Reinvestment Reinvestment Distribution
All-in fee	LC FC LD IC GLC GTFC TFC TFD	1.4% p.a. 0.8% p.a. 1.4% p.a. 0.6% p.a. 1.4% p.a. 0.8% p.a. 0.8% p.a. 0.8% p.a. 0.8% p.a.
Minimum investment	LC FC LD IC GLC GTFC TFC TFD	None EUR 2,000,000 None EUR 25,000,000 None None None None
Initial issue price	LC FC LD	DEM 80 (incl. initial sales charge) Net asset value per unit of the DWS Deutschland LC on the inception date of the FC unit class Net asset value per unit of the DWS Deutschland LC on the
	IC GLC	inception date of the LD unit class (plus initial sales charge) Net asset value per unit of the DWS Deutschland LC on the inception date of the IC unit class. Net asset value per unit of the DWS Deutschland LC unit class on the inception date of the GLC unit class (plus initial sales charge)
	GTFC TFC TFD	EUR 100 EUR 100 EUR 100

Statement of net assets as of March 31, 2023

	Amount in EUR	% of net assets
I. Assets		
1. Equities (sectors):		
Industrials	713 275 304.93	20.22
Information Technology	651 633 653.91	18.48
Financials	570 464 176.80	16.18
Consumer Discretionaries	520 350 880.12	14.76
Health Care	337 186 025.72	9.56
Basic Materials	308 456 615.42	8.75
Communication Services	189 675 913.16	5.38
Utilities	155 266 296.92 2 937 871.09	4.40 0.08
Consumer Staples Other	43 433 063.31	1.23
Total equities:	3 492 679 801.38	99.04
2. Investment fund units	25 447 210.29	0.72
3. Cash at bank	12 099 176.29	0.34
4. Other assets	292 560.03	0.01
II. Liabilities		
1. Other liabilities	-4 078 988.76	-0.11
III. Net assets	3 526 439 759.23	100.00

Negligible rounding errors may have arisen due to the rounding of calculated percentages.

Investment portfolio - March 31, 2023

Security name	Count/ currency (- / '000)	Quantity/ principal amount	Purchases/ additions in the repo	Sales/ disposals rting period	ı	Market price	Total market value in EUR	% of net assets
Securities traded on an exchange							3 492 679 801.38	99.04
Equities								
adidas Reg. (DE000A1EWWW0)	Count	446 729			EUR	159.9800	71 467 705.42	2.03
Aixtron Reg. (DE000A0WMPJ6)	Count	764 944	19 498		EUR	31.5800	24 156 931.52	0.69
Allianz (DE0008404005)	Count Count	1 321 561 416 040	148 054		EUR EUR	212.8000 137.8000	281 228 180.80 57 330 312.00	7.97 1.63
BASF Reg. (DE000BASF111)	Count	2 646 017		1847676	EUR	48.3000	127 802 621.10	3.62
Bayer (DE000BAY0017).	Count	2 731 214	248 248		EUR	58.8000	160 595 383.20	4.55
Bechtle (DE0005158703)	Count	1186 931			EUR	43.9600	52 177 486.76	1.48
BMW Ord. (DE0005190003)	Count	993 476			EUR	101.0400	100 380 815.04	2.85
Brenntag (DE000A1DAHH0)	Count	556 325 694 337	243 430 410 185		EUR EUR	69.0800 69.5200	38 430 931.00 48 270 308.24	1.09 1.37
Daimler Truck Hldg Jge Na (DE000DTR0CK8)	Count Count	454 500	410 100		EUR	31.0050	14 091 772.50	0.40
Deutsche Bank Reg. (DE0005140008)	Count	11 890 000		3 753 729	EUR	9.2820	110 362 980.00	3.13
Deutsche Börse Reg. (DE0005810055)	Count	188 000	188 000		EUR	179.8000	33 802 400.00	0.96
Deutsche Lufthansa Vink. Reg. (DE0008232125)	Count	1702731	1702731		EUR	10.2200	17 401 910.82	0.49
Deutsche Post Reg. (DE0005552004)	Count	3 770 879	0.700.000	1377 827	EUR	42.9000	161 770 709.10	4.59
Deutsche Telekom Reg. (DE0005557508)	Count Count	6 703 990 6 723 892	6 703 990 5 089 428		EUR EUR	22.3500 11.5100	149 834 176.50 77 391 996.92	4.25 2.19
E.ON Reg. (DE000ENAG999)	Count	1678 266	J 00J 420		EUR	19.3700	32 508 012.42	0.92
Fraport AG Frankfurt Airport Services Worldwide	South	. 5. 5 200			2010	.5.0700	32 330 012.12	0.02
(DE0005773303)	Count	5 648		334 893	EUR	46.2000	260 937.60	0.01
Fresenius (DE0005785604)	Count	1090000			EUR	24.9000	27 141 000.00	0.77
Hannover Rück Reg. (DE0008402215)	Count	137 692			EUR	181.2000	24 949 790.40	0.71
HeidelbergCement (DE0006047004) HelloFresh (DE000A161408)	Count Count	563 500 138 383		232 508	EUR EUR	67.5400 21.2300	38 058 790.00 2 937 871.09	1.08 0.08
Infineon Technologies Reg. (DE0006231004)	Count	4 468 907		1100778	EUR	37.3550	166 936 020.99	4.73
JENOPTIK (DE000A2NB601)	Count	2 031 966		1100770	EUR	31.4400	63 885 011.04	1.81
K+S Reg. (DE000KSAG888)	Count	2 713 320	952 508	801 224	EUR	19.7000	53 452 404.00	1.52
Kion Group (DE000KGX8881)	Count	565 000			EUR	35.4200	20 012 300.00	0.57
Lanxess (DE0005470405)	Count	1555 584		1 539 163	EUR	37.6600	58 583 293.44	1.66
Mercedes-Benz Group (DE0007100000)	Count	2 139 973	592 948	1 671 803	EUR EUR	70.5300 171.2500	150 932 295.69	4.28 2.88
Merck (DE0006599905)	Count Count	592 948 180 354	76 131		EUR	229.7000	101 542 345.00 41 427 313.80	2.00 1.17
Münchener Rückversicherungs-Gesellschaft Vink. Reg.	Oddiit	100 00 1	70 101		LOIX	220.7000	11 127 010.00	1.17
(DE0008430026)	Count	371 776		152 925	EUR	323.1000	120 120 825.60	3.41
Porsche Automobil Holding Pref. (DE000PAH0038)	Count	583 594			EUR	53.0000	30 930 482.00	0.88
PUMA (DE0006969603)	Count	471 054	238 468		EUR	56.3600	26 548 603.44	0.75
RWE Ord. (DE0007037129)	Count Count	1 974 000 2 668 455	1166 431	150 319	EUR EUR	39.4500 115.9200	77 874 300.00 309 327 303.60	2.21 8.77
Sartorius Pref. (DE0007165631)	Count	39 967	1100 431	150 515	EUR	385.3000	15 399 285.10	0.44
Scout24 (DE000A12DM80)	Count	163 911	163 911		EUR	54.8600	8 992 157.46	0.25
Siemens Energy (DE000ENER6Y0)	Count	1056 373	1 056 373		EUR	20.0700	21 201 406.11	0.60
Siemens Reg. (DE0007236101)	Count	1781425		803 575	EUR	148.6400	264 791 012.00	7.51
Siltronic Reg. (DE000WAF3001)	Count Count	527 000 627 000			EUR EUR	66.7000 122.1000	35 150 900.00 76 556 700.00	1.00 2.17
Sixt (DE0007231326)	Count	637 388			EUR	48.4000	30 849 579.20	0.87
Symrise (DE000SYM9999)	Count	307 069	307 069		EUR	99.5200	30 559 506.88	0.87
Volkswagen Pref. (DE0007664039)	Count	668 584			EUR	125.3200	83 786 946.88	2.38
Vonovia (DE000A1ML7J1)	Count	2 531 802	464 169		EUR	17.1550	43 433 063.31	1.23
Zalando (DE000ZAL1111)	Count	211 247			EUR	38.0300	8 033 723.41	0.23
Investment fund units							25 447 210.29	0.72
In-group fund units (incl. units of funds issued by the asse	et managemen	it company)					25 447 210.29	0.72
Deutsche Managed Euro Fund Z-Class (IE00BZ3FDF20) (0.100%)	Count	2 602	8 942	6 340	EUR	9 779.8656	25 447 210.29	0.72
Total securities portfolio							3 518 127 011.67	99.76
Cash and non-securitized money market instruments							12 099 176.29	0.34
•								
Cash at bank							12 099 176.29	0.34
Demand deposits at Depositary	ELID.	10 000 517 07			9/	100	10.000.517.07	0.04
EUR deposits	EUR	12 088 517.87			%	100	12 088 517.87	0.34
Deposits in non-EU/EEA currencies		_						
Swiss franc	CHF	5 060.15			%	100	5 072.07	0.00
British pound	GBP USD	16.53 6 063.10			% %	100 100	18.77 5 567.58	0.00
O.O. donal	USD	0 003.10			/0	100	ე ენ/.ებ	0.00

Security name	Count/ currency (- / '000)	Quantity/ principal amount	Purchases/ Sale additions disp in the reporting perio	oosals	Market price	Total market value in EUR	% of net assets
Other assets						292 560.03	0.01
Interest receivable Dividends/Distributions receivable. Withholding tax claims	EUR EUR EUR	23 733.33 48 919.61 219 907.09		% % %	100 100 100	23 733.33 48 919.61 219 907.09	0.00 0.00 0.01
Other liabilities Liabilities from cost items	EUR	-4 078 988.76		%	100	-4 078 988.76 -4 078 988.76	-0.11 -0.11
Net assets						3 526 439 759 23	100.00

Net asset value per unit and number of units outstanding	Count/ currency	Net asset value per unit in the respective currency
Net asset value per unit		
Class LC	EUR	247.05
Class FC	EUR	257.43
Class IC	EUR	261.34
Class LD	EUR	240.50
Class TFC	EUR	103.96
Class TFD	EUR	97.41
Class GLC	EUR	240.23
Class GTFC	EUR	105.45
Number of units outstanding		
Class LC	Count	13 641 812.753
Class FC	Count	230 642.685
Class IC	Count	56 279.000
Class LD	Count	59 867.761
Class TFC	Count	127 715.792
Class TFD	Count	784.414
Class GLC	Count	182 976.000
Class GTFC	Count	99 444.000

Negligible rounding errors may have arisen due to the rounding of calculated percentages.

Exchange rates (indirect quotes)

As of March 31, 2023

disposals

Swiss franc	. CHF	0.997650	=	EUR	1
British pound	. GBP	0.880600	=	EUR	1
U.S. dollar	. USD	1.089000	=	EUR	1

Transactions completed during the reporting period that no longer appear in the investment portfolio

Purchases/

additions

Purchases and sales of securities, investment fund units and promissory note loans (Schuldscheindarlehen); market classifications are as of the reporting date

Count/

currency

	(- / '000)	
Securities traded on an exchange		
Equities		
Covestro (DE0006062144)	Count Count	1 495 036 562 266
Instone Real Estate Group (DE000A2NBX80)	Count	1051202

Derivatives (option premiums realized in opening transactions, or total options transactions; in the case of warrants, purchases and sales are shown)

Value ('000)

Futures contracts

Equity index futures

Contracts purchased: (Underlyings: DAX 40 (performance index))

EUR 336 269

Securities loans (total transactions, at the value agreed at the closing of the loan contract)

Value ('000)

EUR 222145 No fixed maturity

Security description: Allianz (DE0008404005), SAP (DE0007164600), Siemens

Reg. (DE0007236101)

Security name

Notes to the financial statements (in accordance with article 7, no. 9, KARBV (Accounting and Valuation Regulation issued under the KAGB))

Other disclosures

Net asset value per unit, Class LC: EUR 247.05 Net asset value per unit, Class FC: EUR 257.43 Net asset value per unit, Class IC: EUR 261.34 Net asset value per unit, Class LD: EUR 240.50 Net asset value per unit, Class TFC: EUR 103.96 Net asset value per unit, Class GLC: EUR 240.23 Net asset value per unit, Class GLC: EUR 240.23

Number of units outstanding, Class LC: 13 641 812.753 Number of units outstanding, Class FC: 230 642.685 Number of units outstanding, Class IC: 56 279.000 Number of units outstanding, Class LD: 59 867.761 Number of units outstanding, Class TFC: 127 715.792 Number of units outstanding, Class TFD: 784.414 Number of units outstanding, Class GLC: 182 976.000 Number of units outstanding, Class GTFC: 99 444.000

Disclosure regarding asset valuation procedures:

The Depositary shall determine the value with the participation of the asset management company. The Depositary generally bases its valuation on external sources

If no trading prices are available, prices are determined with the aid of valuation models (derived market values) which are agreed between the Depositary and the asset management company and which are based as far as possible on market parameters. This procedure is subject to an ongoing monitoring process. The plausibility of price information from third parties is checked through other pricing sources, model calculations or other suitable procedure.

Investments reported in this report are not valued at derived market values

For investment fund units, the management fee / all-in fee rates in effect as of the reporting date for the investment funds held in the securities portfolio are shown in parentheses in the investment portfolio. A plus sign means that a performance-based fee may also be charged. As the fund held units of other investment funds (target funds) in the reporting period, further costs, charges and fees may have been incurred at the level of these individual target funds.

Information pursuant to Regulation (EU) 2015/2365 on transparency of securities financing transactions (SFTs) and of reuse and amending Regulation (EU) No. 648/2012 – Statement in accordance with Section A

	Securities lending	Repurchase agreements	Total return swaps
Stated in fund currency			
	1. Assets used		
Absolute	-	-	-
In % of the fund's net assets	-	-	-
	2. Top 10 counterparties		
1. Name			
Gross volume of open transactions			
Country of registration			
2. Name			
Gross volume			
of open transactions			
Country of registration			
3. Name			
Gross volume of open transactions			
Country of registration			
4. Name	<u> </u>		
Gross volume of open transactions			
Country of registration			
5. Name			
Gross volume of open transactions			
Country of registration			
6. Name			
Gross volume of open transactions			
Country of registration			
7 Name			
7. Name			
Gross volume of open transactions			
Country of registration			
8. Name			
Gross volume of open transactions			
Country of registration			

3. Type(s) of settlement and clearing		
-	-	
4. Transactions classified by term to n	naturity (absolute amounts)	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
-	-	
5. Type(s) and quality/qualities of coll-	ateral received	
Type(s):		
-	-	
-	-	
-	-	
-	-	
Quality/Qualities:		
	verse repurchase agreements or transactions	with OTC derivatives (except forward
currency transactions) are concluded, collate	eral in one of the following forms is provided	
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first-	k deposits, money market instruments accord -demand guarantees that are issued by top-ra member country or its local authorities or by	to the fund: ing to the definition in Directive 2007/16/ ted credit institutions not affiliated with t
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first- counterparty, or bonds issued by an OECD local, regional or international level, regard	k deposits, money market instruments accord -demand guarantees that are issued by top-ra member country or its local authorities or by	to the fund: ing to the definition in Directive 2007/16/ ted credit institutions not affiliated with t supranational institutions and authorities
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first counterparty, or bonds issued by an OECD local, regional or international level, regard - Units of a collective investment undertakin a rating of AAA or an equivalent rating	k deposits, money market instruments accord demand guarantees that are issued by top-ra member country or its local authorities or by lless of their term to maturity	to the fund: ing to the definition in Directive 2007/16/ ted credit institutions not affiliated with t supranational institutions and authorities t calculates a net asset value daily and ha
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first counterparty, or bonds issued by an OECD local, regional or international level, regard - Units of a collective investment undertakin a rating of AAA or an equivalent rating - Units of a UCITS that invests predominantly	k deposits, money market instruments accord demand guarantees that are issued by top-ra member country or its local authorities or by lless of their term to maturity ng investing in money market instruments tha	to the fund: ing to the definition in Directive 2007/16/ ted credit institutions not affiliated with t supranational institutions and authorities t calculates a net asset value daily and ha ext two indents
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first counterparty, or bonds issued by an OECD local, regional or international level, regard - Units of a collective investment undertakin a rating of AAA or an equivalent rating - Units of a UCITS that invests predominantl - Bonds, regardless of their term to maturity	k deposits, money market instruments accord demand guarantees that are issued by top-ra member country or its local authorities or by lless of their term to maturity and investing in money market instruments that by in the bonds and equities listed under the not, that have a minimum rating of low investments and market in a member state of the European	to the fund: ing to the definition in Directive 2007/16/ ted credit institutions not affiliated with the supranational institutions and authorities t calculates a net asset value daily and hat ext two indents nt-grade
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first counterparty, or bonds issued by an OECD local, regional or international level, regard - Units of a collective investment undertakin a rating of AAA or an equivalent rating - Units of a UCITS that invests predominant! - Bonds, regardless of their term to maturity - Equities admitted to or traded in a regulate member country, provided that these equit The Management Company reserves the right	k deposits, money market instruments accord demand guarantees that are issued by top-ra member country or its local authorities or by lless of their term to maturity and investing in money market instruments that by in the bonds and equities listed under the not, that have a minimum rating of low investments and market in a member state of the European	to the fund: ing to the definition in Directive 2007/16/l ted credit institutions not affiliated with tl supranational institutions and authorities t calculates a net asset value daily and ha ext two indents nt-grade Union or on an exchange in an OECD ntioned collateral.
- Liquid assets such as cash, short-term bank of March 19, 2007, letters of credit and first counterparty, or bonds issued by an OECD local, regional or international level, regard - Units of a collective investment undertakin a rating of AAA or an equivalent rating - Units of a UCITS that invests predominant! - Bonds, regardless of their term to maturity - Equities admitted to or traded in a regulate member country, provided that these equit The Management Company reserves the right Furthermore, the Management Company reserves.	k deposits, money market instruments accord demand guarantees that are issued by top-ramember country or its local authorities or by lless of their term to maturity and investing in money market instruments that by in the bonds and equities listed under the not, that have a minimum rating of low investments are included in a major index the restrict the permissibility of the aforements.	to the fund: ing to the definition in Directive 2007/16/E ted credit institutions not affiliated with the supranational institutions and authorities. t calculates a net asset value daily and ha ext two indents nt-grade Union or on an exchange in an OECD ntioned collateral. tioned criteria in exceptional cases.
	4. Transactions classified by term to n	4. Transactions classified by term to maturity (absolute amounts)

	6. Currency/Currencies of collateral re	eceived				
Currency/Currencies:	-	-	-			
	7. Collateral classified by term to matu	urity (absolute amounts)				
Less than 1 day	-	-	-			
1 day to 1 week	-	-	-			
1 week to 1 month	-	-	-			
1 to 3 months	-	-	-			
3 months to 1 year	-	-	-			
More than 1 year	-	-	-			
No fixed maturity	-	-	-			
	8. Income and cost portions (before in	come adjustment)*				
	Income portion of the fund					
Absolute	39 007.61	-	-			
In % of gross income	68.00	-	-			
Cost portion of the fund	-	-	-			
	Income portion of the Management C	Company				
Absolute	18 745.32	-	-			
In % of gross income	32.00	-	-			
Cost portion of the Management Company		-	-			
	Income portion of third parties					
Absolute	-	-	-			
In % of gross income	-	-	-			
Cost portion of third parties	-	-	-			
	9. Income for the fund from reinvestm	ent of cash collateral, based on all SF	Ts and total return swaps			
Absolute			-			
	10. Lent securities in % of all lendable	assets of the fund				
Total	-					
Share	-					
11. Top 10 issuers, based on all SFTs and total return swaps						
1. Name						
Volume of collateral received (absolute)						
2. Name						
Volume of collateral received (absolute)						

3. Name					
Volume of collateral received					
(absolute)					
4. Name					
Volume of collateral received (absolute)					
5. Name					
Volume of collateral received (absolute)					
6. Name					
Volume of collateral received (absolute)					
7. Name					
Volume of collateral received (absolute)					
		1			
8. Name					
Volume of collateral received (absolute)					
9. Name					
Volume of collateral received (absolute)					
10. Name					
Volume of collateral received (absolute)					
	12. Reinvested collateral in % of collateral received, based on all SFTs and total return swaps				
Share			-		
	13. Custody type of provided collateral from SFTs and total return swaps (In % of all provided collateral from SFTs and total return swaps)				
Segregated cash/custody accounts	-		-		
Pooled cash/custody accounts	-		-		
Other cash/custody accounts	-		-		
Recipient determines	-		-		
custody type					

	46 4 4		
Total number of depositaries/	14. Depositaries/Account holders of r	eceived collateral from SF Is and total	return swaps
1. Name		· 	
Amount held in custody (absolute)			

 $^{^{\}star}$ Any deviations from the corresponding information in the detailed statement of income and expenses are based on effects due to income adjustment.

Asset Management Company

DWS Investment GmbH 60612 Frankfurt/Main, Germany Own funds on December 31, 2022: EUR 452.6 million Subscribed and paid-in capital on December 31, 2022: EUR 115 million

Supervisory Board

Dr. Stefan Hoops Chairman DWS Management GmbH (personally liable partner of DWS Group GmbH & Co. KGaA), Frankfurt/Main

Christof von Dryander Vice-Chairman Cleary Gottlieb Steen & Hamilton LLP, Frankfurt/Main

Hans-Theo Franken Chairman of the Supervisory Board Deutsche Vermögensberatung AG, Frankfurt/Main

Dr. Alexander Ilgen Deutsche Bank AG, Frankfurt/Main

Dr. Stefan Marcinowski Ludwigshafen

Prof. Christian Strenger The Germany Funds, New York

Elisabeth Weisenhorn Portikus Investment GmbH, Frankfurt/Main

Gerhard Wiesheu Member of the Management Board of Bankhaus Metzler seel. Sohn & Co. AG, Frankfurt/Main

Susanne Zeidler Frankfurt/Main

Management

Manfred Bauer Speaker of the Management

Member of the Management of DWS Management GmbH (personally liable partner of DWS Group GmbH & Co. KGaA), Frankfurt/Main Member of the Management of DWS Beteiligungs GmbH, Frankfurt/Main Member of the Supervisory Board of DWS Investment S.A., Luxembourg

Dr. Matthias Liermann

Member of the Management of DWS International GmbH, Frankfurt/Main Member of the Management of DWS Beteiligungs GmbH, Frankfurt/Main Member of the Supervisory Board of DWS Investment S.A., Luxembourg

Petra Pflaum

Member of the Management of DWS Beteiligungs GmbH, Frankfurt/Main

Gero Schomann (since April 4, 2023)

Member of the Management of DWS International GmbH, Frankfurt/Main Member of the Management of DWS Beteiligungs GmbH, Frankfurt/Main

Vincenzo Vedda (since February 17, 2023) Member of the Management of DWS Beteiligungs GmbH, Frankfurt/Main Member of the Supervisory Board of MorgenFund GmbH, Frankfurt/Main

Dirk Görgen (until December 31, 2022)

Member of the Management of DWS Management GmbH (personally liable partner of DWS Group GmbH & Co. KGaA), Frankfurt/Main

Stefan Kreuzkamp (until December 31, 2022) Frankfurt/Main

Depositary

State Street Bank International GmbH Brienner Straße 59 80333 Munich, Germany Own funds on December 31, 2021: EUR 2,071.9 million Subscribed and paid-in capital on December 31, 2021: EUR 109.4 million

Shareholder of DWS Investment GmbH

DWS Beteiligungs GmbH, Frankfurt/Main

As of: April 4, 2023

DWS Investment GmbH

60612 Frankfurt/Main, Germany

Tel.: +49 (0) 69-910-12371 Fax: +49 (0) 69-910-19090

www.dws.com