

LEI Code	Name	Country	Added in 2019
529900S9Y02JHTIIDG38	BAWAG Group AG	Austria	
PQOH26KWDF7CG10L6792	Erste Group Bank AG	Austria	
9ZHRM6F437SQJ6OUG95	Raiffeisen Bank International AG	Austria	
529900XSTAE561178282	Raiffeisenbankengruppe OÖ Verbund eGen	Austria	
529900IZ8TASAYR3A694	Sberbank Europe AG	Austria	
D1HEB8VEU6D9M8ZUXG17	UniCredit Bank Austria AG	Austria	
	Volksbanken Verbund	Austria	
LSGM84136ACA92XCN876	AXA Bank Belgium SA	Belgium	
MMYX0N4ZEZ13Z4XCG897	Bank of New York Mellon	Belgium	
A5GWLFH3KM7YV2SFQL84	Belfius Banque SA	Belgium	
KGCEPHLVVVRZY01T647	BNP Paribas Fortis SA	Belgium	
D3K6HXMBBB6SK9OXH394	Dexia SA	Belgium	
JLS56RAMYQZECFUF2G44	ING België / Belgique	Belgium	x
5493008QOCP58OLEN998	Investeringsmaatschappij Argenta NV	Belgium	
213800X3Q9LSAKRUWY91	KBC Group NV	Belgium	
529900GEH0DAUTAXUA94	DSK Bank Bulgaria	Bulgaria	
549300UY81ESCZJ0GR95	First Investment Bank	Bulgaria	
549300Z7V2WOFIMUEK50	UniCredit Bulbank Bulgaria	Bulgaria	
5299000PCY1EP8QJFV48	United Bulgarian Bank- UBB	Bulgaria	x
549300A2F46GR0UOM390	Erste & Steiermärkische Bank d.d.	Croatia	
549300ZHFZ4CSK7VS460	Privredna Banka Zagreb d.d.	Croatia	
PRNXTNXHBI0TSY1V8P17	Zagrebacka Banka d.d.	Croatia	
635400L14KNHZXPUM19	Bank of Cyprus Holdings Public Limited Company	Cyprus	
CXUHEGU3MADZ2CEV7C11	Hellenic Bank Public Company Ltd	Cyprus	
253400EBCBBV9TUHN50	RCB Bank Ltd	Cyprus	
9KOGW2C2FCIOJQ7FF485	Česká spořitelna, a.s.	Czech Republic	
Q5BP2UEQ48R75BOTCB92	Československá obchodní banka, a.s.	Czech Republic	
IYKCAVNR8QGF00HV840	Komerční banka, a.s.	Czech Republic	
MAES062Z21O4RZ2U7M96	Danske Bank A/S	Denmark	
3M5E1GQGKL17HI6CPN30	Jyske Bank A/S	Denmark	
LIU16F6VZJSD6UKHD557	Nykredit Realkredit A/S	Denmark	
GP5DT10VX1QRQKVBK64	Sydbank A/S	Denmark	
529900JG015JC10LED24	AS LHV Group	Estonia	
213800JD2L89GGG7LF07	Luminor Bank AS	Estonia	
549300ND1MQ8SNMYMJ22	SEB Pank AS	Estonia	
549300PHQZ4HL15HH975	Swedbank AS	Estonia	
529900HEKOENJHPNN480	Kuntarahoitus Oyj	Finland	
529900ODI3047E2LIV03	Nordea Bank Abp	Finland	
7437003B5WFBOIEFY714	OP Osuuskunta	Finland	
7437005892K69S3MW344	Säästöpankkiliitto osk	Finland	x
R1I04YJ0079SMWVCHB58	Banque Centrale de Compensation (LCH Clearent)	France	
ROMUWSFPU8MPRO8K5P83	BNP Paribas SA	France	
969500FYSB4IT3QWYB65	Bpifrance (Banque Publique d'Investissement)	France	
9695000CG7B84NLR5984	Crédit Mutuel Group	France	
969500TVVZM86W7W5I94	CRH (Caisse de Refinancement de l'Habitat)	France	
	Groupe BPCE	France	
	Groupe Credit Agricole	France	
F0HUI1NY1AZMJMD8LP67	HSBC France	France	
96950066U5XAAIRCPA78	La Banque Postale	France	
96950001W1712W7PQG45	RCI banque (Renault Crédit Industriel)	France	
549300HFEHJOXGE4ZE63	SFIL (Société de Financement Local)	France	
O2RNE8IBXP4R0TD8PU41	Société Générale SA	France	
EZKODONU5TYHW4PP1R34	Aareal Bank AG	Germany	
VDYMYTQGGZ6DU0912C88	Bayerische Landesbank	Germany	
851WYGNLUQLFZBSYGB56	Commerzbank AG	Germany	
0W2PZJM8XOY22M4GG883	DekaBank Deutsche Girozentrale	Germany	
5299007S3UH5RKUYDA52	Deutsche Apotheker- und Ärztebank eG	Germany	
7LTFWZYICNSX8D621K86	Deutsche Bank AG	Germany	
DZZ47B9A52ZJ6LT6VV95	Deutsche Pfandbriefbank AG	Germany	
529900HNOAA1KXQUJQ27	Deutsche Zentral-Genossenschaftsbank AG	Germany	
391200EEGLNXBBCVKC73	Erwerbsgesellschaft der S-Finanzgruppe mbH & Co. KG	Germany	
TUKDD90GPC79G1KOE162	Hamburg Commercial Bank	Germany	
529900JZTYE3W7WQH904	HASPA Finanzholding AG	Germany	
B81CK4ESI35472RHJ606	Landesbank Baden-Württemberg	Germany	
DIZES5CFO5K315R58746	Landesbank Hessen-Thüringen Girozentrale	Germany	
0SK11LSPWNBNQWU0W18	Landeskreditbank Baden-Württemberg-Förderbank	Germany	
529900Z3J0N6S0F7CT25	Landwirtschaftliche Rentenbank	Germany	
529900GM944JT8YIRL63	Münchener Hypothekenbank eG	Germany	
DSNHHQ2B9X5N6OUJ1236	Norddeutsche Landesbank Girozentrale	Germany	
52990002O5KK6XOGJ020	NRW.Bank	Germany	
529900V3O1M5IHMOSF46	State Street Europe Holdings	Germany	
529900GJD3OQLRZCKW37	Volkswagen Bank Gesellschaft mit beschränkter Haftung	Germany	
5299009N55YRQC69CN08	Alpha Bank SA	Greece	
JEUVK5RWVJEN8W0C9M24	Eurobank Ergasias SA	Greece	
5UMCZOEYKCVFAW8ZLO05	National Bank of Greece SA	Greece	
M6AD1Y1KW32H8THQ6F76	Piraeus Bank SA	Greece	
KFUXYFTU2LHQFQZDQG45	Kereskedelmi és Hitelbank Zrt.	Hungary	

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529900W3MOO00A18X956	OTP Bank Nyrt.	Hungary	
Y28RT6GGYJ696PMW8T44	UniCredit Bank Hungary Zrt.	Hungary	
RIL4VBPDB0M7Z3KXSF19	Arion banki hf	Iceland	
549300PZMFIQR79Q0T97	Íslandsbanki hf.	Iceland	
549300TLZPT6JELDWM92	Landsbankinn	Iceland	

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635400AKJBGNS5WNQL34	AIB Group plc	Ireland	
EQYXK86SF381Q21S3020	Bank of America Merrill Lynch International Designated Activity Company	Ireland	x
635400C8EK6DRI12LJ39	Bank of Ireland Group plc	Ireland	
2G5BKIC2CB69PRJH1W31	Barclays Bank Ireland Plc	Ireland	x
549300K7L8YW8M215U46	Citibank Holdings Ireland Limited	Ireland	
635400KQIMALJ4XLAD78	Ulster Bank Ireland Limited	Ireland	
J4CP7MHCXR8DAQMKIL78	Banca Monte dei Paschi di Siena SpA	Italy	
N747OI7JINV7RUUH6190	Banca popolare dell'Emilia Romagna SC	Italy	
J48C8PCSJVUBR8KCW529	Banca Popolare di Sondrio SCpA	Italy	
815600E4E6DCD2D25E30	Banco BPM SpA	Italy	
LOO0AWXR8GF142JCO404	Cassa Centrale Banca - Credito Cooperativo Italiano S.p.A	Italy	x
815600AD83B2B6317788	Credito Emiliano Holding SpA	Italy	
NNVPP80YIZGEY2314M97	Iccrea Banca Spa Istituto Centrale del Credito Cooperativo	Italy	
2W8N8UU78PMDQKZENC08	Intesa Sanpaolo SpA	Italy	
PSNL19R2RX5U3QWHI44	Mediobanca - Banca di Credito Finanziario SpA	Italy	
549300TRUWO2CD2G5692	UniCredit SpA	Italy	
81560097964CBDAED282	Unione di Banche Italiane SCpA	Italy	
2138009Y59EAR7H1UO97	AS Citadele banka	Latvia	x
549300YW95G1VBBGGV07	AS SEB banka	Latvia	
549300FXBIWWGK7T0Y98	Swedbank AS	Latvia	
549300SBPFE9JX7N8J82	AB SEB bankas	Lithuania	
549300TK038P6EV4YU51	Akcinė bendrovė Šiaulių bankas	Lithuania	x
549300GH3DFCXVNBHE59	Swedbank AB	Lithuania	
R7CQUF1DQM73HUTV1078	Banque et Caisse d'Epargne de l'Etat, Luxembourg	Luxembourg	
9CZ7TVMR36CYD5TZB550	Banque Internationale à Luxembourg	Luxembourg	x
UAIAINAJ28P30E5GWE37	BGL BNP Paribas	Luxembourg	
529900FIAMEJDQ8C9097	Deutsche Bank Luxembourg S.A.	Luxembourg	
7W1GMC6J4KGLBBUSYP52	J.P. Morgan Bank Luxembourg S.A.	Luxembourg	
549300AUUQG072ATL746	Precision Capital S.A.	Luxembourg	
549300IVXKQHV6O7PY61	RBC Investor Services Bank S.A.	Luxembourg	
TP50Q8GFSZF45ZZFL873	Société Générale Bank & Trust	Luxembourg	
RNVZOEETEJ32KW0QXS82	State Street Bank Luxembourg S.C.A.	Luxembourg	
529900RWC8ZYB066JF16	Bank of Valletta Plc	Malta	
213800EUDXECGWMKKR98	Commbank Europe Ltd	Malta	
549300X34UUBDEUL1Z91	HSBC Bank Malta Plc	Malta	
213800TC9PZRBHMJW403	MDB Group Limited	Malta	
724500DWE10NNL1AXZ52	ABN AMRO Group N.V.	Netherlands	
529900GGYMNQRQTD0093	BNG Bank N.V.	Netherlands	
DG3RU1DBUFHT4ZF9WN62	Coöperatieve Rabobank U.A.	Netherlands	
724500VLXQUMMD5BJB61	de Volksholding B.V.	Netherlands	
549300NYKK9MWM7GGW15	ING Groep N.V.	Netherlands	
JLP5FSPH9WPSHY3NIM24	Nederlandse Waterschapsbank N.V.	Netherlands	
549300GKFGORYRRQ1414	DNB BANK ASA	Norway	
7V6Z97IO7R1SEAO84Q32	SPAREBANK 1 SMN	Norway	
549300Q3OIVRHQUQM052	SPAREBANK 1 SR-BANK ASA	Norway	
5493000LKS7B3UTF7H35	Bank Polska Kasa Opieki SA	Poland	
P4GTT6GF1W40CVIMFR43	Powszechna Kasa Oszczędności Bank Polski SA	Poland	
259400LGXW3K0GDAG361	Santander Bank Polska SA	Poland	
3DM5DPGI3W6OU6GJ4N92	Banco BPI SA	Portugal	
JU1U6S0DG9YLT7N8ZV32	Banco Comercial Português SA	Portugal	
529900H2MBEC07BLTB26	Caixa Central de Crédito Agrícola Mútuos, CRL	Portugal	
2138004FIUXU3B2MR537	Caixa Económica Montepio Geral	Portugal	
TO82200VT80V06K0FH57	Caixa Geral de Depósitos SA	Portugal	
222100K6QL2V4MLHWQ08	LSF Nani Investments S.à.r.l.	Portugal	
5493005RLLC1P7VSVCS58	Santander Totta – SGPS SA	Portugal	
549300ORLU6LN5YD8X90	Banca Comerciala Romana SA	Romania	
549300RG3H390KEL8896	Banca Transilvania	Romania	
5493008QRHH0XCLJ4238	BRD-Groupe Société Générale SA	Romania	
549300S2T3FWVWXWJ189	Slovenská sporiteľňa, a.s.	Slovakia	
3157002JBF4I478MD587	Tatra banka, a.s.	Slovakia	
549300JB1P61FUTPEZ75	Všeobecná úverová banka, a.s.	Slovakia	
549300271OUEJT4RYD30	Abanka d.d.	Slovenia	
222100ZXZ9BRGDMKXL75	Biser Topco S.à.r.l.	Slovenia	
5493001BABFV7P27OW30	Nova Ljubljanska Banka d.d. Ljubljana	Slovenia	
9598003BP0LHPHDVW834	ABANCA Holding Financiero, S.A.	Spain	
K8MS7FD7N5Z2WQ51AZ71	Banco Bilbao Vizcaya Argentaria, S.A.	Spain	
95980020140005881190	Banco de Crédito Social Cooperativo, S.A.	Spain	
S15RG2M0WQQLZCXKRM20	Banco de Sabadell, S.A.	Spain	
5493006QMFDDMYWIAM13	Banco Santander, S.A.	Spain	
VWMYAEQSTOPNV0SUGU82	Bankinter, S.A.	Spain	
549300GTOXFTFHGOIS94	BFA Tenedora de Acciones, S.A.	Spain	
7CUN5533WID6K7DGF187	CaixaBank S.A.	Spain	
549300OLBL49CW8CT155	Ibercaja Banco, S.A.	Spain	
549300U4LIZV0REEQQ46	Kutxabank, S.A.	Spain	
635400XT3V7WHLSFY25	Liberbank, S.A.	Spain	
5493007SJLLCTM6J6M37	Unicaja Banco, S.A.	Spain	

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1FOLRR5RWTWWI397R131	AB Svensk Exportkredit	Sweden	
EV2XZWMLLXF2QRX0CD47	Kommuninvest - group	Sweden	
549300C6TUMDXNOVXS82	Länsförsäkringar Bank AB - group	Sweden	
H0YX5LBGKDVOWCXBZ594	SBAB Bank AB - group	Sweden	
F3JS33DEI6XQ4ZBPTN86	Skandinaviska Enskilda Banken - group	Sweden	
NHBDILHZTYCNBV5UYZ31	Svenska Handelsbanken - group	Sweden	
M312WZV08Y7LYUC71685	Swedbank - group	Sweden	
G5GSEF7VJP5I7OUK5573	Barclays Plc	United Kingdom	
5493004FUULDQTMX0W20	Citigroup Global Markets Europe Limited	United Kingdom	
213800ZK9VGCYYR6O495	Clydesdale Bank plc	United Kingdom	
2138004G59FXEAZ6IO10	Coventry Building Society	United Kingdom	
E58DKGMJYYYJLN8C3868	Credit Suisse International	United Kingdom	
549300FK5LWVMQ9QY386	Credit Suisse Investments (UK)	United Kingdom	
549300RQT6K4WXZL3083	Goldman Sachs Group UK Limited	United Kingdom	
MLU0Z03ML4LN2LL2TL39	HSBC Holdings Plc	United Kingdom	
549300Z1UDXFNOBBUI23	J P Morgan Capital Holdings Limited	United Kingdom	
549300PPXHEU2JF0AM85	Lloyds Banking Group Plc	United Kingdom	
5493004I1J5XW2WFNE95	Merrill Lynch UK Holdings Ltd	United Kingdom	
U7M81AY481YLIOR75625	Mitsubishi UFJ Securities International PLC	United Kingdom	
213800HZ54TG54H2KV03	Mizuho International Plc	United Kingdom	
LSMWH68Y2RHEDP8W5261	Morgan Stanley International Ltd	United Kingdom	
549300FX12G42QIKN82	Nationwide Building Society	United Kingdom	
549300IU15NXFPV2FC82	Nomura Europe Holdings PLC	United Kingdom	
TXDSU46SXBWIGJ8G8E98	RBC Europe Limited	United Kingdom	
U4LOSYZ7YG4W3S5F2G91	Standard Chartered Plc	United Kingdom	
NT7C58H5HPZYKZDPOO64	Sumitomo Mitsui Banking Corporation Europe Limited	United Kingdom	x
213800TLZ6PCLYPSR448	The Co-operative Bank Plc	United Kingdom	
2138005O9XJIN4JPN90	The Royal Bank of Scotland Group Public Limited Company	United Kingdom	
REYPIJN7XZHSUI0N355	UBS Limited	United Kingdom	
213800TAU9ZX2WZNC064	Virgin Money Plc	United Kingdom	
WXD0EHQRPI7HKN3I5T57	Yorkshire Building Society	United Kingdom	