



Information on the Securities Lending in the “Asset Purchase Programme” (APP)

Deutsche Bundesbank has made its holdings of securities purchased under the “Public Sector Purchase Programme” (PSPP) and “Corporate Sector Purchase Programme” (CSPP) available for securities lending.

Since April 2015 Deutsche Bundesbank participates in “Automated Securities Lending” (ASL), which enables borrowers to avoid settlement failures (fails-lending). Since 5 October 2015 Bundesbank’s PSPP holdings are also available for lending via Clearstream’s strategic lending facility “Automated Securities Lending Plus” (ASLplus). **Since 18 July 2016 CSPP holdings are also available via this channel.**

In ASLplus, market participants are able to borrow securities out of Bundesbank’s PSPP and CSPP holdings at a minimum spread over the prevailing rate for General Collateral (GC). Bundesbank’s PSPP and CSPP holdings are available for lending via ASLplus on a cash neutral basis. The maximum term for a securities lending transaction in ASLplus is 35 days.

Market participants looking to borrow bonds via ASLplus out of Bundesbank’s PSPP and CSPP holdings are requested to contact Clearstream Banking¹ in order to make the arrangements necessary for a participation in this facility.

In addition to Clearstream Banking’s securities lending facilities, Deutsche Bundesbank is preparing a facility for bilateral transactions for PSPP holdings which combine repo and reverse repo transactions. Details will be published here as soon as possible.

For further information please contact Bundesbank’s market operations division under the following mail address: BBk-SecLending@bundesbank.de.

PSPP holdings available for Lending under ASL (“fails lending”):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the “Public Sector Purchase Programme” (PSPP), available for securities lending via the “Automated Securities Lending” (ASL) programme of Clearstream Banking Luxembourg (CBL):

¹ Clearstream Banking London, ASLplus Securities Lending Desk, direct line +44-20-7862-7626, Bloomberg address: CLEAR-STREAM SECLND

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| DE0001030526 | DBRI 1 3/4 04/15/20 | DEUTSCHLAND I/L BOND |
| DE0001030534 | OBLI 0 3/4 04/15/18 | BUNDESOBLIGATION I/L |
| DE0001030542 | DBRI 0.1 04/15/23 | DEUTSCHLAND I/L BOND |
| DE0001030559 | DBRI 0 1/2 04/15/30 | DEUTSCHLAND I/L BOND |
| DE0001030567 | DBRI 0.1 04/15/26 | DEUTSCHLAND I/L BOND |
| DE0001030575 | DBRI 0.1 04/15/46 | DEUTSCHLAND I/L BOND |
| DE0001102309 | DBR 1 1/2 02/15/23 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102317 | DBR 1 1/2 05/15/23 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102325 | DBR 2 08/15/23 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102333 | DBR 1 3/4 02/15/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102341 | DBR 2 1/2 08/15/46 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102358 | DBR 1 1/2 05/15/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102366 | DBR 1 08/15/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102374 | DBR 0 1/2 02/15/25 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102382 | DBR 1 08/15/25 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102390 | DBR 0 1/2 02/15/26 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102408 | DBR 0 08/15/26 | BUNDESREPUB. DEUTSCHLAND |
| DE0001104602 | BKO 0 06/16/17 | BUNDESSCHATZANWEISUNGEN |
| DE0001134922 | DBR 6 1/4 01/04/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135044 | DBR 6 1/2 07/04/27 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135069 | DBR 5 5/8 01/04/28 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135085 | DBR 4 3/4 07/04/28 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135143 | DBR 6 1/4 01/04/30 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135176 | DBR 5 1/2 01/04/31 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135226 | DBR 4 3/4 07/04/34 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135275 | DBR 4 01/04/37 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135325 | DBR 4 1/4 07/04/39 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135333 | DBR 4 1/4 07/04/17 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135341 | DBR 4 01/04/18 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135358 | DBR 4 1/4 07/04/18 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135366 | DBR 4 3/4 07/04/40 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135374 | DBR 3 3/4 01/04/19 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135382 | DBR 3 1/2 07/04/19 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135390 | DBR 3 1/4 01/04/20 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135408 | DBR 3 07/04/20 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135416 | DBR 2 1/4 09/04/20 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135424 | DBR 2 1/2 01/04/21 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135432 | DBR 3 1/4 07/04/42 | BUNDESREPUB. DEUTSCHLAND |

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| DE0001135440 | DBR 3 1/4 07/04/21 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135457 | DBR 2 1/4 09/04/21 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135465 | DBR 2 01/04/22 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135473 | DBR 1 3/4 07/04/22 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135481 | DBR 2 1/2 07/04/44 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135499 | DBR 1 1/2 09/04/22 | BUNDESREPUB. DEUTSCHLAND |
| DE0001141646 | OBL 0 1/2 10/13/17 | BUNDES OblIGATION |
| DE0001141653 | OBL 0 1/2 02/23/18 | BUNDES OblIGATION |
| DE0001141661 | OBL 0 1/4 04/13/18 | BUNDES OblIGATION |
| DE0001141679 | OBL 1 10/12/18 | BUNDES OblIGATION |
| DE0001141687 | OBL 1 02/22/19 | BUNDES OblIGATION |
| DE0001141695 | OBL 0 1/2 04/12/19 | BUNDES OblIGATION |
| DE0001141703 | OBL 0 1/4 10/11/19 | BUNDES OblIGATION |
| DE0001141711 | OBL 0 04/17/20 | BUNDES OblIGATION |
| DE0001141729 | OBL 0 1/4 10/16/20 | BUNDES OblIGATION |
| DE0001141737 | OBL 0 04/09/21 | BUNDES OblIGATION |
| DE0002760980 | KFW 3 1/2 07/04/21 | KFW |
| DE0002764198 | KFW 5 1/2 01/22/18 | KFW |
| DE000A0KAV21 | BERGER 4 1/4 04/25/22 | LAND BERLIN |
| DE000A0L1CY5 | KFW 3 7/8 01/21/19 | KFW |
| DE000A0MFJX5 | KFW 4 1/8 07/04/17 | KFW |
| DE000A0PM5F0 | KFW 4 5/8 01/04/23 | KFW |
| DE000A0SLD89 | KFW 4 3/8 07/04/18 | KFW |
| DE000A0Z1Q49 | HESSSEN 3 3/4 04/12/21 | LAND HESSEN |
| DE000A11QJ16 | BREMEN 0 1/2 03/03/25 | FREIE HANSESTADT BREMEN |
| DE000A11QJ32 | BREMEN 0 1/2 07/30/21 | FREIE HANSESTADT BREMEN |
| DE000A11QKV3 | LBANK 0 1/4 11/25/19 | L-BANK BW FOERDERBANK |
| DE000A11QTA8 | KFW 0.05 11/30/17 | KFW |
| DE000A11QTD2 | KFW 0 5/8 01/15/25 | KFW |
| DE000A11QTF7 | KFW 0 3/8 04/23/30 | KFW |
| DE000A11QTG5 | KFW 0 5/8 07/04/22 | KFW |
| DE000A11QTK7 | KFW 1 3/8 07/31/35 | KFW |
| DE000A13R6X4 | BERGER 0 3/4 11/11/22 | LAND BERLIN |
| DE000A13R6Z9 | BERGER 0 1/2 02/10/25 | LAND BERLIN |
| DE000A13R9G3 | LBANK 0 1/8 11/05/20 | L-BANK BW FOERDERBANK |
| DE000A13R9J7 | LBANK 0.05 11/09/21 | L-BANK BW FOERDERBANK |
| DE000A13R9M1 | LBANK 0 3/8 04/13/26 | L-BANK BW FOERDERBANK |
| DE000A14J3F7 | BERGER 0 1/4 04/22/25 | LAND BERLIN |

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| DE000A14JYT7 | BADWUR 0 5/8 01/16/25 | LAND BADEN-WUERTTEMBERG |
| DE000A14JYV3 | BADWUR 0 5/8 02/03/25 | LAND BADEN-WUERTTEMBERG |
| DE000A161WS6 | BERGER 0 3/4 09/08/23 | LAND BERLIN |
| DE000A168015 | BERGER 0 5/8 03/20/26 | LAND BERLIN |
| DE000A168023 | BERGER 1 05/19/32 | LAND BERLIN |
| DE000A1680M0 | BREMEN 0 1/8 05/30/23 | FREIE HANSESTADT BREMEN |
| DE000A168Y06 | KFW 0 1/8 06/01/20 | KFW |
| DE000A168Y14 | KFW 0 12/07/18 | KFW |
| DE000A168Y22 | KFW 0 3/8 03/15/23 | KFW |
| DE000A168Y48 | KFW 1 1/4 07/04/36 | KFW |
| DE000A168Y55 | KFW 0 3/8 03/09/26 | KFW |
| DE000A1CR4S5 | KFW 3 5/8 01/20/20 | KFW |
| DE000A1DAMM0 | KFW 2 1/4 09/21/17 | KFW |
| DE000A1EWEJ5 | KFW 3 3/8 01/18/21 | KFW |
| DE000A1H36X9 | KFW 3 1/8 06/15/18 | KFW |
| DE000A1K0UA9 | KFW 2 5/8 08/16/19 | KFW |
| DE000A1K0UG6 | KFW 2 1/2 01/17/22 | KFW |
| DE000A1MBB62 | KFW 1 7/8 03/20/19 | KFW |
| DE000A1R06T9 | BERGER 1 7/8 06/12/23 | LAND BERLIN |
| DE000A1R0709 | KFW 1 1/2 06/11/24 | KFW |
| DE000A1R07S9 | KFW 2 1/8 08/15/23 | KFW |
| DE000A1R07T7 | KFW 1 1/8 10/16/18 | KFW |
| DE000A1R07V3 | KFW 1 5/8 01/15/21 | KFW |
| DE000A1R07W1 | KFW 0 5/8 02/12/18 | KFW |
| DE000A1R07X9 | KFW 0 7/8 03/18/19 | KFW |
| DE000A1RET15 | KFW 0 7/8 10/13/17 | KFW |
| DE000A1RET23 | KFW 1 1/4 10/17/19 | KFW |
| DE000A1RET49 | KFW 1 1/8 01/15/20 | KFW |
| DE000A1RET80 | KFW 0 7/8 06/25/18 | KFW |
| DE000A1RQCJ3 | HESSSEN 0 3/8 03/10/23 | LAND HESSEN |
| DE000A1RQCL9 | HESSSEN 0 1/2 02/17/25 | LAND HESSEN |
| DE000A1RQCP0 | HESSSEN 0 1/4 06/10/25 | LAND HESSEN |
| DE000A1RQCT2 | HESSSEN 0 3/8 07/04/22 | LAND HESSEN |
| DE000A1RQCY2 | HESSSEN 0 3/8 07/06/26 | LAND HESSEN |
| DE000A1X27Y3 | LBANK 1 11/19/18 | L-BANK BW FOERDERBANK |
| DE000A1YCQK7 | HAMBRG 0 1/2 04/27/26 | FREIE HANSESTADT HAMBURG |
| DE000A2AAKB1 | NIESA 0 3/8 01/19/23 | LAND NIEDERSACHSEN |
| DE000A2AARZ5 | KFW 0 06/30/21 | KFW |

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| DE000A2AAWN1 | NIESA 0 1/2 06/08/26 | LAND NIEDERSACHSEN |
| DE000A2BN3T9 | NIESA 0 08/02/24 | LAND NIEDERSACHSEN |
| DE000NRW0F26 | NRW 1 5/8 10/24/30 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0F67 | NRW 1 01/16/25 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0F91 | NRW 0 1/2 12/15/21 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0FU3 | NRW 1 1/4 03/14/25 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0GJ4 | NRW 0 3/8 02/16/23 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0GS5 | NRW 0.2 04/17/23 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0HT1 | NRW 0 5/8 11/17/23 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0JF6 | NRW 0 1/8 03/16/23 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0JH2 | NRW 0 1/2 04/16/26 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0JJ8 | NRW 1 1/4 05/12/36 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW2152 | NRW 2 3/8 05/13/33 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW21X4 | NRW 1 1/4 03/13/20 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW23J9 | NRW 1 7/8 03/15/24 | LAND NORDRHEIN-WESTFALEN |
| DE000NWB0329 | NRWBK 3 7/8 01/27/20 | NRW.BANK |
| DE000NWB0451 | NRWBK 4 1/4 04/29/19 | NRW.BANK |
| DE000NWB0519 | NRWBK 2 09/16/22 | NRW.BANK |
| DE000NWB0535 | NRWBK 1 1/4 10/22/18 | NRW.BANK |
| DE000NWB0584 | NRWBK 0 1/2 05/11/26 | NRW.BANK |
| DE000NWB0AB2 | NRWBK 0 1/4 11/05/18 | NRW.BANK |
| DE000NWB0AC0 | NRWBK 0 7/8 11/10/25 | NRW.BANK |
| DE000NWB15F7 | NRWBK 1 7/8 09/22/17 | NRW.BANK |
| DE000NWB16S8 | NRWBK 0 1/2 06/06/18 | NRW.BANK |
| DE000NWB16X8 | NRWBK 0 1/2 07/23/18 | NRW.BANK |
| DE000NWB2DY4 | NRWBK 0 1/8 01/18/21 | NRW.BANK |
| DE000NWB2EA2 | NRWBK 0 01/27/20 | NRW.BANK |
| DE000RLP0413 | RHIPAL 1 1/4 01/16/20 | LAND RHEINLAND-PFALZ |
| DE000RLP0645 | RHIPAL 0 1/2 01/21/25 | LAND RHEINLAND-PFALZ |
| DE000RLP0736 | RHIPAL 0 1/8 03/01/23 | LAND RHEINLAND-PFALZ |
| XS0332675502 | RENTEN 4 3/8 11/27/17 | LANDWIRTSCH. RENTENBANK |
| XS0652914366 | RENTEN 2 02/20/19 | LANDWIRTSCH. RENTENBANK |
| XS0670798171 | RENTEN 2 7/8 08/30/21 | LANDWIRTSCH. RENTENBANK |
| XS0780331004 | RENTEN 1 7/8 05/11/20 | LANDWIRTSCH. RENTENBANK |
| XS0795453769 | RENTEN 1 5/8 10/01/19 | LANDWIRTSCH. RENTENBANK |
| XS0994797529 | RENTEN 1 3/8 11/19/20 | LANDWIRTSCH. RENTENBANK |
| XS1069776232 | RENTEN 1 1/4 05/20/22 | LANDWIRTSCH. RENTENBANK |
| XS1087815483 | KFW 0 3/8 07/22/19 | KFW |

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| XS1192872866 | RENTEN 0 5/8 02/20/30 | LANDWIRTSCH. RENTENBANK |
| XS1311459694 | KFW 0 1/8 10/27/20 | KFW |
| XS1324535514 | RENTEN 0 1/4 11/24/22 | LANDWIRTSCH. RENTENBANK |
| XS1347758663 | RENTEN 0 3/8 01/22/24 | LANDWIRTSCH. RENTENBANK |
| XS1379610675 | RENTEN 0 3/8 03/16/26 | LANDWIRTSCH. RENTENBANK |
| XS1414146669 | KFW 0.05 05/30/24 | KFW |

PSPP holdings available for Lending under ASLplus ("strategic lending"):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the "Public Sector Purchase Programme" (PSPP), available for securities lending via the „Automated Securities Lending Plus" (ASLplus) programme of Clearstream Banking Luxembourg (CBL):

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| DE0001030526 | DBRI 1 3/4 04/15/20 | DEUTSCHLAND I/L BOND |
| DE0001030534 | OBLI 0 3/4 04/15/18 | BUNDESOBLIGATION I/L |
| DE0001030542 | DBRI 0.1 04/15/23 | DEUTSCHLAND I/L BOND |
| DE0001030559 | DBRI 0 1/2 04/15/30 | DEUTSCHLAND I/L BOND |
| DE0001030567 | DBRI 0.1 04/15/26 | DEUTSCHLAND I/L BOND |
| DE0001102309 | DBR 1 1/2 02/15/23 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102317 | DBR 1 1/2 05/15/23 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102325 | DBR 2 08/15/23 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102333 | DBR 1 3/4 02/15/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102341 | DBR 2 1/2 08/15/46 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102358 | DBR 1 1/2 05/15/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102366 | DBR 1 08/15/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102374 | DBR 0 1/2 02/15/25 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102382 | DBR 1 08/15/25 | BUNDESREPUB. DEUTSCHLAND |
| DE0001102390 | DBR 0 1/2 02/15/26 | BUNDESREPUB. DEUTSCHLAND |
| DE0001134922 | DBR 6 1/4 01/04/24 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135044 | DBR 6 1/2 07/04/27 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135069 | DBR 5 5/8 01/04/28 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135085 | DBR 4 3/4 07/04/28 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135143 | DBR 6 1/4 01/04/30 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135176 | DBR 5 1/2 01/04/31 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135226 | DBR 4 3/4 07/04/34 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135275 | DBR 4 01/04/37 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135325 | DBR 4 1/4 07/04/39 | BUNDESREPUB. DEUTSCHLAND |

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| DE0001135358 | DBR 4 1/4 07/04/18 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135366 | DBR 4 3/4 07/04/40 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135374 | DBR 3 3/4 01/04/19 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135382 | DBR 3 1/2 07/04/19 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135390 | DBR 3 1/4 01/04/20 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135408 | DBR 3 07/04/20 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135416 | DBR 2 1/4 09/04/20 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135424 | DBR 2 1/2 01/04/21 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135432 | DBR 3 1/4 07/04/42 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135440 | DBR 3 1/4 07/04/21 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135457 | DBR 2 1/4 09/04/21 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135465 | DBR 2 01/04/22 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135473 | DBR 1 3/4 07/04/22 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135481 | DBR 2 1/2 07/04/44 | BUNDESREPUB. DEUTSCHLAND |
| DE0001135499 | DBR 1 1/2 09/04/22 | BUNDESREPUB. DEUTSCHLAND |
| DE0001141679 | OBL 1 10/12/18 | BUNDES OblIGATION |
| DE0001141687 | OBL 1 02/22/19 | BUNDES OblIGATION |
| DE0001141695 | OBL 0 1/2 04/12/19 | BUNDES OblIGATION |
| DE0001141703 | OBL 0 1/4 10/11/19 | BUNDES OblIGATION |
| DE0001141711 | OBL 0 04/17/20 | BUNDES OblIGATION |
| DE0001141729 | OBL 0 1/4 10/16/20 | BUNDES OblIGATION |
| DE0001141737 | OBL 0 04/09/21 | BUNDES OblIGATION |
| DE0002760980 | KFW 3 1/2 07/04/21 | KFW |
| DE000A0L1CY5 | KFW 3 7/8 01/21/19 | KFW |
| DE000A0MFJX5 | KFW 4 1/8 07/04/17 | KFW |
| DE000A0PM5F0 | KFW 4 5/8 01/04/23 | KFW |
| DE000A0SLD89 | KFW 4 3/8 07/04/18 | KFW |
| DE000A11QJ32 | BREMEN 0 1/2 07/30/21 | FREIE HANSESTADT BREMEN |
| DE000A11QKV3 | LBANK 0 1/4 11/25/19 | L-BANK BW FOERDERBANK |
| DE000A11QTA8 | KFW 0.05 11/30/17 | KFW |
| DE000A11QTD2 | KFW 0 5/8 01/15/25 | KFW |
| DE000A11QTF7 | KFW 0 3/8 04/23/30 | KFW |
| DE000A11QTG5 | KFW 0 5/8 07/04/22 | KFW |
| DE000A11QTK7 | KFW 1 3/8 07/31/35 | KFW |
| DE000A13R6Z9 | BERGER 0 1/2 02/10/25 | LAND BERLIN |
| DE000A13R9G3 | LBANK 0 1/8 11/05/20 | L-BANK BW FOERDERBANK |
| DE000A13R9J7 | LBANK 0.05 11/09/21 | L-BANK BW FOERDERBANK |
| DE000A13R9M1 | LBANK 0 3/8 04/13/26 | L-BANK BW FOERDERBANK |

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| DE000A14J3F7 | BERGER 0 1/4 04/22/25 | LAND BERLIN |
| DE000A161WS6 | BERGER 0 3/4 09/08/23 | LAND BERLIN |
| DE000A168015 | BERGER 0 5/8 03/20/26 | LAND BERLIN |
| DE000A168023 | BERGER 1 05/19/32 | LAND BERLIN |
| DE000A1680M0 | BREMEN 0 1/8 05/30/23 | FREIE HANSESTADT BREMEN |
| DE000A168Y06 | KFW 0 1/8 06/01/20 | KFW |
| DE000A168Y14 | KFW 0 12/07/18 | KFW |
| DE000A168Y22 | KFW 0 3/8 03/15/23 | KFW |
| DE000A168Y48 | KFW 1 1/4 07/04/36 | KFW |
| DE000A168Y55 | KFW 0 3/8 03/09/26 | KFW |
| DE000A1CR4S5 | KFW 3 5/8 01/20/20 | KFW |
| DE000A1DAMM0 | KFW 2 1/4 09/21/17 | KFW |
| DE000A1EWEJ5 | KFW 3 3/8 01/18/21 | KFW |
| DE000A1H36X9 | KFW 3 1/8 06/15/18 | KFW |
| DE000A1K0UA9 | KFW 2 5/8 08/16/19 | KFW |
| DE000A1K0UG6 | KFW 2 1/2 01/17/22 | KFW |
| DE000A1MBB62 | KFW 1 7/8 03/20/19 | KFW |
| DE000A1R0709 | KFW 1 1/2 06/11/24 | KFW |
| DE000A1R07S9 | KFW 2 1/8 08/15/23 | KFW |
| DE000A1R07T7 | KFW 1 1/8 10/16/18 | KFW |
| DE000A1R07V3 | KFW 1 5/8 01/15/21 | KFW |
| DE000A1R07W1 | KFW 0 5/8 02/12/18 | KFW |
| DE000A1R07X9 | KFW 0 7/8 03/18/19 | KFW |
| DE000A1RET15 | KFW 0 7/8 10/13/17 | KFW |
| DE000A1RET23 | KFW 1 1/4 10/17/19 | KFW |
| DE000A1RET49 | KFW 1 1/8 01/15/20 | KFW |
| DE000A1RET80 | KFW 0 7/8 06/25/18 | KFW |
| DE000A1RQCJ3 | HESSSEN 0 3/8 03/10/23 | LAND HESSEN |
| DE000A1RQCP0 | HESSSEN 0 1/4 06/10/25 | LAND HESSEN |
| DE000A1RQCT2 | HESSSEN 0 3/8 07/04/22 | LAND HESSEN |
| DE000A1RQCY2 | HESSSEN 0 3/8 07/06/26 | LAND HESSEN |
| DE000A1X27Y3 | LBANK 1 11/19/18 | L-BANK BW FOERDERBANK |
| DE000A1YCQK7 | HAMBRG 0 1/2 04/27/26 | FREIE HANSESTADT HAMBURG |
| DE000A2AAKB1 | NIESA 0 3/8 01/19/23 | LAND NIEDERSACHSEN |
| DE000A2AARZ5 | KFW 0 06/30/21 | KFW |
| DE000A2AAWN1 | NIESA 0 1/2 06/08/26 | LAND NIEDERSACHSEN |
| DE000NRW0F67 | NRW 1 01/16/25 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0FU3 | NRW 1 1/4 03/14/25 | LAND NORDRHEIN-WESTFALEN |

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| DE000NRW0GJ4 | NRW 0 3/8 02/16/23 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0JF6 | NRW 0 1/8 03/16/23 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0JH2 | NRW 0 1/2 04/16/26 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW0JJ8 | NRW 1 1/4 05/12/36 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW2152 | NRW 2 3/8 05/13/33 | LAND NORDRHEIN-WESTFALEN |
| DE000NRW23J9 | NRW 1 7/8 03/15/24 | LAND NORDRHEIN-WESTFALEN |
| DE000NWB0329 | NRWBK 3 7/8 01/27/20 | NRW.BANK |
| DE000NWB0535 | NRWBK 1 1/4 10/22/18 | NRW.BANK |
| DE000NWB0584 | NRWBK 0 1/2 05/11/26 | NRW.BANK |
| DE000NWB0AC0 | NRWBK 0 7/8 11/10/25 | NRW.BANK |
| DE000NWB16S8 | NRWBK 0 1/2 06/06/18 | NRW.BANK |
| DE000NWB2DY4 | NRWBK 0 1/8 01/18/21 | NRW.BANK |
| DE000NWB2EA2 | NRWBK 0 01/27/20 | NRW.BANK |
| DE000RLP0645 | RHIPAL 0 1/2 01/21/25 | LAND RHEINLAND-PFALZ |
| DE000RLP0736 | RHIPAL 0 1/8 03/01/23 | LAND RHEINLAND-PFALZ |
| XS0652914366 | RENTEN 2 02/20/19 | LANDWIRTSCH. RENTENBANK |
| XS0670798171 | RENTEN 2 7/8 08/30/21 | LANDWIRTSCH. RENTENBANK |
| XS0780331004 | RENTEN 1 7/8 05/11/20 | LANDWIRTSCH. RENTENBANK |
| XS0795453769 | RENTEN 1 5/8 10/01/19 | LANDWIRTSCH. RENTENBANK |
| XS0994797529 | RENTEN 1 3/8 11/19/20 | LANDWIRTSCH. RENTENBANK |
| XS1069776232 | RENTEN 1 1/4 05/20/22 | LANDWIRTSCH. RENTENBANK |
| XS1087815483 | KFW 0 3/8 07/22/19 | KFW |
| XS1192872866 | RENTEN 0 5/8 02/20/30 | LANDWIRTSCH. RENTENBANK |
| XS1311459694 | KFW 0 1/8 10/27/20 | KFW |
| XS1324535514 | RENTEN 0 1/4 11/24/22 | LANDWIRTSCH. RENTENBANK |
| XS1347758663 | RENTEN 0 3/8 01/22/24 | LANDWIRTSCH. RENTENBANK |
| XS1379610675 | RENTEN 0 3/8 03/16/26 | LANDWIRTSCH. RENTENBANK |
| XS1414146669 | KFW 0.05 05/30/24 | KFW |

CSPP holdings available for Lending under ASL (“fails lending”):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the “Corporate Sector Purchase Programme” (CSPP), available for securities lending via the „Automated Securities Lending” (ASL) programme of Clearstream Banking Luxembourg (CBL):

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| DE000A0DLU69 | EWE 4 7/8 10/14/19 | EWE AG |
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| DE000A0T7J03 | DBHNGR 4 7/8 03/12/19 | DEUTSCHE BAHN FINANCE BV |
| DE000A13R8M3 | MEOGR 1 3/8 10/28/21 | METRO AG |
| DE000A13SL26 | SAPGR 1 1/8 02/20/23 | SAP SE |
| DE000A14KJF5 | SAPGR 1 04/01/25 | SAP SE |
| DE000A1684V3 | DBOERS 1 5/8 10/08/25 | DEUTSCHE BOERSE AG |
| DE000A168650 | DAIGR 0 5/8 03/05/20 | DAIMLER AG |
| DE000A169G15 | DAIGR 1.4 01/12/24 | DAIMLER AG |
| DE000A169NA6 | DAIGR 0 1/4 05/11/20 | DAIMLER AG |
| DE000A169NB4 | DAIGR 0 3/4 05/11/23 | DAIMLER AG |
| DE000A180B72 | ALVGR 0 04/21/20 | ALLIANZ FINANCE II B.V. |
| DE000A18V138 | ANNGR 1 5/8 12/15/20 | VONOVIA FINANCE BV |
| DE000A18V146 | ANNGR 2 1/4 12/15/23 | VONOVIA FINANCE BV |
| DE000A1AKHB8 | ALVGR 4 3/4 07/22/19 | ALLIANZ FINANCE II B.V. |
| DE000A1G0RU9 | ALVGR 3 1/2 02/14/22 | ALLIANZ FINANCE II B.V. |
| DE000A1G85B4 | SIEGR 1 1/2 03/10/20 | SIEMENS FINANCIERINGSMAT |
| DE000A1HG1J8 | ALVGR 1 3/8 03/13/18 | ALLIANZ FINANCE II B.V. |
| DE000A1HJ483 | WURTH 1 3/4 05/21/20 | WUERTH FINANCE INTL BV |
| DE000A1HRVD5 | ANNGR 3 5/8 10/08/21 | VONOVIA FINANCE BV |
| DE000A1MA9K8 | MEOGR 3 3/8 03/01/19 | METRO AG |
| DE000A1PGQY7 | DAIGR 2 1/8 06/27/18 | DAIMLER AG |
| DE000A1PGZ82 | SDFGR 3 06/20/22 | K+S AG |
| DE000A1R04X6 | DAIGR 2 1/4 01/24/22 | DAIMLER AG |
| DE000A1R07P5 | LINGR 2 04/18/23 | LINDE AG |
| DE000A1R0TN7 | DAIGR 1 3/4 01/21/20 | DAIMLER AG |
| DE000A1R0U23 | SAPGR 2 1/8 11/13/19 | SAP SE |
| DE000A1R0XG3 | BASGR 2 12/05/22 | BASF SE |
| DE000A1R1BC6 | DBOERS 1 1/8 03/26/18 | DEUTSCHE BOERSE AG |
| DE000A1RE1W1 | DBOERS 2 3/8 10/05/22 | DEUTSCHE BOERSE AG |
| DE000A1UDWM7 | SIEGR 1 3/4 03/12/21 | SIEMENS FINANCIERINGSMAT |
| DE000A1UDWN5 | SIEGR 2 7/8 03/10/28 | SIEMENS FINANCIERINGSMAT |
| DE000A1X3GC3 | DAIGR 1 1/2 11/19/18 | DAIMLER AG |
| DE000A1ZLUN1 | ANNGR 2 1/8 07/09/22 | VONOVIA FINANCE BV |
| DE000A2AAL23 | DAIGR 0 1/2 09/09/19 | DAIMLER AG |
| DE000A2AAL31 | DAIGR 1 1/2 03/09/26 | DAIMLER AG |
| DE000TLX2003 | TALANX 3 1/8 02/13/23 | TALANX AG |
| XS0148579153 | EOANGR 6 3/8 05/29/17 | E.ON INTL FINANCE BV |
| XS0164831843 | DBHNGR 4 3/4 03/14/18 | DEUTSCHE BAHN FINANCE BV |
| XS0172851650 | RWE 5 1/8 07/23/18 | RWE FINANCE BV |

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| XS0173501379 | BMW 5 08/06/18 | BMW FINANCE NV |
| XS0207320242 | ENBW 4 7/8 01/16/25 | ENBW INTL FINANCE BV |
| XS0322977223 | EOANGR 5 1/2 10/02/17 | E.ON INTL FINANCE BV |
| XS0361244667 | EOANGR 5 3/4 05/07/20 | E.ON INTL FINANCE BV |
| XS0369461644 | SIEGR 5 5/8 06/11/18 | SIEMENS FINANCIERINGSMAT |
| XS0399647675 | RWE 6 5/8 01/31/19 | RWE FINANCE BV |
| XS0399861086 | ENBW 6 7/8 11/20/18 | ENBW INTL FINANCE BV |
| XS0412842857 | RWE 6 1/2 08/10/21 | RWE FINANCE BV |
| XS0433001137 | RBOSGR 5 1/8 06/12/17 | ROBERT BOSCH GMBH |
| XS0452868788 | DBHNGR 4 3/8 09/23/21 | DEUTSCHE BAHN FINANCE BV |
| XS0494953820 | DT 4 1/4 03/16/20 | DEUTSCHE TELEKOM INT FIN |
| XS0497186758 | MRKGR 4 1/2 03/24/20 | MERCK FIN SERVICES GMBH |
| XS0500128326 | SAPGR 3 1/2 04/10/17 | SAP SE |
| XS0503603267 | DT 4 7/8 04/22/25 | DEUTSCHE TELEKOM INT FIN |
| XS0515937406 | DBHNGR 3 1/2 06/10/20 | DEUTSCHE BAHN FINANCE BV |
| XS0524471355 | DBHNGR 3 3/4 07/09/25 | DEUTSCHE BAHN FINANCE BV |
| XS0525787874 | DT 4 1/4 07/13/22 | DEUTSCHE TELEKOM INT FIN |
| XS0551935769 | EUROGR 3 7/8 10/22/20 | EUROGRID GMBH |
| XS0629645531 | LXSGR 4 1/8 05/23/18 | LANXESS AG |
| XS0632241112 | DBHNGR 3 3/4 06/01/21 | DEUTSCHE BAHN FINANCE BV |
| XS0653885961 | BMW 3 5/8 01/29/18 | BMW FINANCE NV |
| XS0699330097 | EWE 4 1/8 11/04/20 | EWE AG |
| XS0718526790 | LINGR 3 1/8 12/12/18 | LINDE FINANCE BV |
| XS0729046218 | BMW 3 1/4 01/14/19 | BMW FINANCE NV |
| XS0731681556 | VW 3 1/4 01/21/19 | VOLKSWAGEN INTL FIN NV |
| XS0753143709 | DBHNGR 3 03/08/24 | DEUTSCHE BAHN FINANCE BV |
| XS0756457833 | MANGR 2 1/8 03/13/17 | MAN SE |
| XS0782708456 | VW 1 7/8 05/15/17 | VOLKSWAGEN INTL FIN NV |
| XS0790015548 | LINGR 1 3/4 06/11/19 | LINDE FINANCE BV |
| XS0795872901 | DPWGR 1 7/8 06/27/17 | DEUTSCHE POST FINANCE |
| XS0828235225 | LINGR 1 3/4 09/17/20 | LINDE AG |
| XS0836260975 | BASGR 1 1/2 10/01/18 | BASF SE |
| XS0847580353 | DT 2 3/4 10/24/24 | DEUTSCHE TELEKOM INT FIN |
| XS0855167523 | LXSGR 2 5/8 11/21/22 | LANXESS AG |
| XS0856032213 | DBHNGR 2 02/20/23 | DEUTSCHE BAHN FINANCE BV |
| XS0862941506 | DPWGR 1 7/8 12/11/20 | DEUTSCHE POST AG |
| XS0862952297 | DPWGR 2 7/8 12/11/24 | DEUTSCHE POST AG |
| XS0863116231 | MEOGR 2 1/4 05/11/18 | METRO FINANCE BV |

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| XS0873793375 | VW 2 01/14/20 | VOLKSWAGEN INTL FIN NV |
| XS0875513268 | HELLA 2 3/8 01/24/20 | HELLA KGAA HUECK & CO |
| XS0875796541 | DT 2 1/8 01/18/21 | DEUTSCHE TELEKOM INT FIN |
| XS0877622034 | BMW 2 3/8 01/24/23 | BMW FINANCE NV |
| XS0878010718 | RWE 1 7/8 01/30/20 | RWE FINANCE BV |
| XS0883560715 | BASGR 1 7/8 02/04/21 | BASF SE |
| XS0909788290 | VW 2 03/26/21 | VOLKSWAGEN INTL FIN NV |
| XS0911405784 | EVKGR 1 7/8 04/08/20 | EVONIK INDUSTRIES AG |
| XS0912992160 | ODGR 1 7/8 11/22/18 | TELFONICA DEUTSCH FINAN |
| XS0934389221 | RBOSGR 1 5/8 05/24/21 | ROBERT BOSCH INVESTMENT |
| XS0934539726 | RBOSGR 2 5/8 05/24/28 | ROBERT BOSCH INVESTMENT |
| XS0942081570 | VGASDE 2 06/12/20 | VIER GAS TRANSPORT GMBH |
| XS0942082115 | VGASDE 2 7/8 06/12/25 | VIER GAS TRANSPORT GMBH |
| XS0951155869 | VGASDE 3 1/8 07/10/23 | VIER GAS TRANSPORT GMBH |
| XS0953199634 | CONGR 3 07/16/18 | CONTINENTAL AG |
| XS0969344083 | CONGR 3 1/8 09/09/20 | CONTINENTAL AG |
| XS0969368934 | DBHNGR 2 1/2 09/12/23 | DEUTSCHE BAHN FINANCE BV |
| XS0977496636 | DPWGR 2 3/4 10/09/23 | DEUTSCHE POST AG |
| XS0977500767 | DPWGR 1 1/2 10/09/18 | DEUTSCHE POST AG |
| XS0982019126 | RWE 3 01/17/24 | RWE FINANCE BV |
| XS0988384904 | DBHNGR 1 3/4 11/06/20 | DEUTSCHE BAHN FINANCE BV |
| XS0997941199 | SDFGR 3 1/8 12/06/18 | K+S AG |
| XS0997941355 | SDFGR 4 1/8 12/06/21 | K+S AG |
| XS1015212811 | BMW 1 5/8 07/17/19 | BMW FINANCE NV |
| XS1015217703 | BMW 2 5/8 01/17/24 | BMW FINANCE NV |
| XS1023268490 | BAYNGR 1 1/8 01/24/18 | BAYER AG |
| XS1023268573 | BAYNGR 1 7/8 01/25/21 | BAYER AG |
| XS1040041649 | HELLA 1 1/4 09/07/17 | HELLA KGAA HUECK & CO |
| XS1074208270 | ENBW 2 1/2 06/04/26 | ENBW INTL FINANCE BV |
| XS1084563615 | RBOSGR 1 3/4 07/08/24 | ROBERT BOSCH GMBH |
| XS1105264821 | BMW 0 1/2 09/05/18 | BMW FINANCE NV |
| XS1109110251 | LHAGR 1 1/8 09/12/19 | DEUTSCHE LUFTHANSA AG |
| XS1121177767 | BERTEL 1 3/4 10/14/24 | BERTELSMANN SE & CO KGAA |
| XS1135309794 | BAYNGR 1 1/4 11/13/23 | BAYER CAPITAL CORP BV |
| XS1167644407 | VW 0 7/8 01/16/23 | VOLKSWAGEN INTL FIN NV |
| XS1168971213 | BMW 0 1/2 01/21/20 | BMW FINANCE NV |
| XS1170787797 | EVKGR 1 01/23/23 | EVONIK INDUSTRIES AG |
| XS1191116174 | IFXGR 1 1/2 03/10/22 | INFINEON TECHNOLOGIES AG |

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| XS1203941775 | MEOGR 1 1/2 03/19/25 | METRO AG |
| XS1243251375 | EUROGR 1 7/8 06/10/25 | EUROGRID GMBH |
| XS1250867642 | DWNIGY 1 3/8 07/24/20 | DEUTSCHE WOHNEN AG |
| XS1284570626 | MRKGR 1 3/8 09/01/22 | MERCK FIN SERVICES GMBH |
| XS1284576581 | MRKGR 0 3/4 09/02/19 | MERCK FIN SERVICES GMBH |
| XS1309518998 | DBHNGR 1 1/4 10/23/25 | DEUTSCHE BAHN FINANCE BV |
| XS1315101011 | EUROGR 1 5/8 11/03/23 | EUROGRID GMBH |
| XS1321956333 | BMW 0 7/8 11/17/20 | BMW FINANCE NV |
| XS1323052180 | AOXGR 2 1/4 03/24/21 | ALSTRIA OFFICE REIT-AG |
| XS1346695437 | AOXGR 2 1/8 04/12/23 | ALSTRIA OFFICE REIT-AG |
| XS1372911690 | DBHNGR 0 3/4 03/02/26 | DEUTSCHE BAHN FINANCE BV |
| XS1377745937 | COVEGR 1 3/4 09/25/24 | COVESTRO AG |
| XS1377763161 | COVEGR 1 10/07/21 | COVESTRO AG |
| XS1382792197 | DT 0 5/8 04/03/23 | DEUTSCHE TELEKOM INT FIN |
| XS1388661651 | DPWGR 0 3/8 04/01/21 | DEUTSCHE POST AG |
| XS1388661735 | DPWGR 1 1/4 04/01/26 | DEUTSCHE POST AG |
| XS1396260520 | BMW 0 1/8 04/15/20 | BMW FINANCE NV |
| XS1396261338 | BMW 0 3/4 04/15/24 | BMW FINANCE NV |
| XS1400165350 | BERTEL 1 1/8 04/27/26 | BERTELSMANN SE & CO KGAA |
| XS1441837546 | DBHNGR 0 7/8 07/11/31 | DEUTSCHE BAHN FINANCE BV |
| XS1451539487 | DBHNGR 0 07/19/21 | DEUTSCHE BAHN FINANCE BV |

CSPP holdings available for Lending under ASLplus ("strategic lending"):

Currently Deutsche Bundesbank makes the following bonds, which are bought under the "Corporate Sector Purchase Programme" (CSPP)", available for securities lending via the „Automated Securities Lending Plus" (ASLplus) programme of Clearstream Banking Luxembourg (CBL):

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| DE000A0DLU69 | EWE 4 7/8 10/14/19 | EWE AG |
| DE000A13R8M3 | MEOGR 1 3/8 10/28/21 | METRO AG |
| DE000A13SL26 | SAPGR 1 1/8 02/20/23 | SAP SE |
| DE000A14KJF5 | SAPGR 1 04/01/25 | SAP SE |
| DE000A1684V3 | DBOERS 1 5/8 10/08/25 | DEUTSCHE BOERSE AG |
| DE000A168650 | DAIGR 0 5/8 03/05/20 | DAIMLER AG |
| DE000A169G15 | DAIGR 1.4 01/12/24 | DAIMLER AG |
| DE000A169NA6 | DAIGR 0 1/4 05/11/20 | DAIMLER AG |
| DE000A169NB4 | DAIGR 0 3/4 05/11/23 | DAIMLER AG |

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| DE000A180B72 | ALVGR 0 04/21/20 | ALLIANZ FINANCE II B.V. |
| DE000A18V138 | ANNGR 1 5/8 12/15/20 | VONOVIA FINANCE BV |
| DE000A18V146 | ANNGR 2 1/4 12/15/23 | VONOVIA FINANCE BV |
| DE000A1AKHB8 | ALVGR 4 3/4 07/22/19 | ALLIANZ FINANCE II B.V. |
| DE000A1G0RU9 | ALVGR 3 1/2 02/14/22 | ALLIANZ FINANCE II B.V. |
| DE000A1G85B4 | SIEGR 1 1/2 03/10/20 | SIEMENS FINANCIERINGSMAT |
| DE000A1HG1J8 | ALVGR 1 3/8 03/13/18 | ALLIANZ FINANCE II B.V. |
| DE000A1HJ483 | WURTH 1 3/4 05/21/20 | WUERTH FINANCE INTL BV |
| DE000A1MA9K8 | MEOGR 3 3/8 03/01/19 | METRO AG |
| DE000A1PGQY7 | DAIGR 2 1/8 06/27/18 | DAIMLER AG |
| DE000A1PGZ82 | SDFGR 3 06/20/22 | K+S AG |
| DE000A1R04X6 | DAIGR 2 1/4 01/24/22 | DAIMLER AG |
| DE000A1R07P5 | LINGR 2 04/18/23 | LINDE AG |
| DE000A1R0TN7 | DAIGR 1 3/4 01/21/20 | DAIMLER AG |
| DE000A1R0U23 | SAPGR 2 1/8 11/13/19 | SAP SE |
| DE000A1R0XG3 | BASGR 2 12/05/22 | BASF SE |
| DE000A1R1BC6 | DBOERS 1 1/8 03/26/18 | DEUTSCHE BOERSE AG |
| DE000A1RE1W1 | DBOERS 2 3/8 10/05/22 | DEUTSCHE BOERSE AG |
| DE000A1UDWM7 | SIEGR 1 3/4 03/12/21 | SIEMENS FINANCIERINGSMAT |
| DE000A1X3GC3 | DAIGR 1 1/2 11/19/18 | DAIMLER AG |
| DE000A1ZLUN1 | ANNGR 2 1/8 07/09/22 | VONOVIA FINANCE BV |
| DE000A2AAL23 | DAIGR 0 1/2 09/09/19 | DAIMLER AG |
| DE000A2AAL31 | DAIGR 1 1/2 03/09/26 | DAIMLER AG |
| DE000TLX2003 | TALANX 3 1/8 02/13/23 | TALANX AG |
| XS0148579153 | EOANGR 6 3/8 05/29/17 | E.ON INTL FINANCE BV |
| XS0172851650 | RWE 5 1/8 07/23/18 | RWE FINANCE BV |
| XS0173501379 | BMW 5 08/06/18 | BMW FINANCE NV |
| XS0322977223 | EOANGR 5 1/2 10/02/17 | E.ON INTL FINANCE BV |
| XS0361244667 | EOANGR 5 3/4 05/07/20 | E.ON INTL FINANCE BV |
| XS0369461644 | SIEGR 5 5/8 06/11/18 | SIEMENS FINANCIERINGSMAT |
| XS0399647675 | RWE 6 5/8 01/31/19 | RWE FINANCE BV |
| XS0399861086 | ENBW 6 7/8 11/20/18 | ENBW INTL FINANCE BV |
| XS0412842857 | RWE 6 1/2 08/10/21 | RWE FINANCE BV |
| XS0433001137 | RBOSGR 5 1/8 06/12/17 | ROBERT BOSCH GMBH |
| XS0494953820 | DT 4 1/4 03/16/20 | DEUTSCHE TELEKOM INT FIN |
| XS0497186758 | MRKGR 4 1/2 03/24/20 | MERCK FIN SERVICES GMBH |
| XS0500128326 | SAPGR 3 1/2 04/10/17 | SAP SE |
| XS0503603267 | DT 4 7/8 04/22/25 | DEUTSCHE TELEKOM INT FIN |

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| XS0525787874 | DT 4 1/4 07/13/22 | DEUTSCHE TELEKOM INT FIN |
| XS0551935769 | EUROGR 3 7/8 10/22/20 | EUROGRID GMBH |
| XS0629645531 | LXSGR 4 1/8 05/23/18 | LANXESS AG |
| XS0632241112 | DBHNGR 3 3/4 06/01/21 | DEUTSCHE BAHN FINANCE BV |
| XS0653885961 | BMW 3 5/8 01/29/18 | BMW FINANCE NV |
| XS0718526790 | LINGR 3 1/8 12/12/18 | LINDE FINANCE BV |
| XS0729046218 | BMW 3 1/4 01/14/19 | BMW FINANCE NV |
| XS0731681556 | VW 3 1/4 01/21/19 | VOLKSWAGEN INTL FIN NV |
| XS0753143709 | DBHNGR 3 03/08/24 | DEUTSCHE BAHN FINANCE BV |
| XS0756457833 | MANGR 2 1/8 03/13/17 | MAN SE |
| XS0782708456 | VW 1 7/8 05/15/17 | VOLKSWAGEN INTL FIN NV |
| XS0790015548 | LINGR 1 3/4 06/11/19 | LINDE FINANCE BV |
| XS0828235225 | LINGR 1 3/4 09/17/20 | LINDE AG |
| XS0836260975 | BASGR 1 1/2 10/01/18 | BASF SE |
| XS0847580353 | DT 2 3/4 10/24/24 | DEUTSCHE TELEKOM INT FIN |
| XS0856032213 | DBHNGR 2 02/20/23 | DEUTSCHE BAHN FINANCE BV |
| XS0862941506 | DPWGR 1 7/8 12/11/20 | DEUTSCHE POST AG |
| XS0862952297 | DPWGR 2 7/8 12/11/24 | DEUTSCHE POST AG |
| XS0863116231 | MEOGR 2 1/4 05/11/18 | METRO FINANCE BV |
| XS0873793375 | VW 2 01/14/20 | VOLKSWAGEN INTL FIN NV |
| XS0875796541 | DT 2 1/8 01/18/21 | DEUTSCHE TELEKOM INT FIN |
| XS0877622034 | BMW 2 3/8 01/24/23 | BMW FINANCE NV |
| XS0878010718 | RWE 1 7/8 01/30/20 | RWE FINANCE BV |
| XS0883560715 | BASGR 1 7/8 02/04/21 | BASF SE |
| XS0909788290 | VW 2 03/26/21 | VOLKSWAGEN INTL FIN NV |
| XS0911405784 | EVKGR 1 7/8 04/08/20 | EVONIK INDUSTRIES AG |
| XS0912992160 | ODGR 1 7/8 11/22/18 | TELFONICA DEUTSCH FINAN |
| XS0934389221 | RBOSGR 1 5/8 05/24/21 | ROBERT BOSCH INVESTMENT |
| XS0942081570 | VGASDE 2 06/12/20 | VIER GAS TRANSPORT GMBH |
| XS0942082115 | VGASDE 2 7/8 06/12/25 | VIER GAS TRANSPORT GMBH |
| XS0951155869 | VGASDE 3 1/8 07/10/23 | VIER GAS TRANSPORT GMBH |
| XS0953199634 | CONGR 3 07/16/18 | CONTINENTAL AG |
| XS0969344083 | CONGR 3 1/8 09/09/20 | CONTINENTAL AG |
| XS0969368934 | DBHNGR 2 1/2 09/12/23 | DEUTSCHE BAHN FINANCE BV |
| XS0977496636 | DPWGR 2 3/4 10/09/23 | DEUTSCHE POST AG |
| XS0982019126 | RWE 3 01/17/24 | RWE FINANCE BV |
| XS0988384904 | DBHNGR 1 3/4 11/06/20 | DEUTSCHE BAHN FINANCE BV |
| XS0997941199 | SDFGR 3 1/8 12/06/18 | K+S AG |

| | | |
|--------------|-----------------------|--------------------------|
| XS1015212811 | BMW 1 5/8 07/17/19 | BMW FINANCE NV |
| XS1015217703 | BMW 2 5/8 01/17/24 | BMW FINANCE NV |
| XS1023268490 | BAYNGR 1 1/8 01/24/18 | BAYER AG |
| XS1023268573 | BAYNGR 1 7/8 01/25/21 | BAYER AG |
| XS1040041649 | HELLA 1 1/4 09/07/17 | HELLA KGAA HUECK & CO |
| XS1074208270 | ENBW 2 1/2 06/04/26 | ENBW INTL FINANCE BV |
| XS1084563615 | RBOSGR 1 3/4 07/08/24 | ROBERT BOSCH GMBH |
| XS1105264821 | BMW 0 1/2 09/05/18 | BMW FINANCE NV |
| XS1109110251 | LHAGR 1 1/8 09/12/19 | DEUTSCHE LUFTHANSA AG |
| XS1121177767 | BERTEL 1 3/4 10/14/24 | BERTELSMANN SE & CO KGAA |
| XS1167644407 | VW 0 7/8 01/16/23 | VOLKSWAGEN INTL FIN NV |
| XS1168971213 | BMW 0 1/2 01/21/20 | BMW FINANCE NV |
| XS1170787797 | EVKGR 1 01/23/23 | EVONIK INDUSTRIES AG |
| XS1191116174 | IFXGR 1 1/2 03/10/22 | INFINEON TECHNOLOGIES AG |
| XS1203941775 | MEOGR 1 1/2 03/19/25 | METRO AG |
| XS1250867642 | DWNIGY 1 3/8 07/24/20 | DEUTSCHE WOHNEN AG |
| XS1284576581 | MRKGR 0 3/4 09/02/19 | MERCK FIN SERVICES GMBH |
| XS1309518998 | DBHNGR 1 1/4 10/23/25 | DEUTSCHE BAHN FINANCE BV |
| XS1315101011 | EUROGR 1 5/8 11/03/23 | EUROGRID GMBH |
| XS1321956333 | BMW 0 7/8 11/17/20 | BMW FINANCE NV |
| XS1323052180 | AOXGR 2 1/4 03/24/21 | ALSTRIA OFFICE REIT-AG |
| XS1346695437 | AOXGR 2 1/8 04/12/23 | ALSTRIA OFFICE REIT-AG |
| XS1372911690 | DBHNGR 0 3/4 03/02/26 | DEUTSCHE BAHN FINANCE BV |
| XS1377745937 | COVEGR 1 3/4 09/25/24 | COVESTRO AG |
| XS1377763161 | COVEGR 1 10/07/21 | COVESTRO AG |
| XS1382792197 | DT 0 5/8 04/03/23 | DEUTSCHE TELEKOM INT FIN |
| XS1388661651 | DPWGR 0 3/8 04/01/21 | DEUTSCHE POST AG |
| XS1388661735 | DPWGR 1 1/4 04/01/26 | DEUTSCHE POST AG |
| XS1396260520 | BMW 0 1/8 04/15/20 | BMW FINANCE NV |
| XS1396261338 | BMW 0 3/4 04/15/24 | BMW FINANCE NV |
| XS1400165350 | BERTEL 1 1/8 04/27/26 | BERTELSMANN SE & CO KGAA |
| XS1441837546 | DBHNGR 0 7/8 07/11/31 | DEUTSCHE BAHN FINANCE BV |
| XS1451539487 | DBHNGR 0 07/19/21 | DEUTSCHE BAHN FINANCE BV |