Deutsche Bank Structured Covered Bond Programme Cover Pool Report October, 07 2020

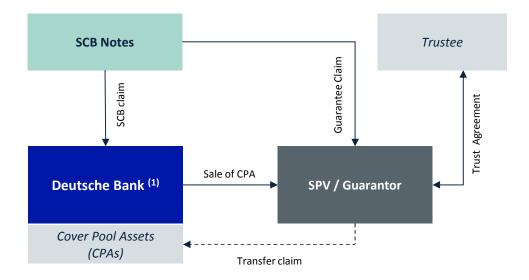
# **Cover Pool Reporting**

# Deutsche Bank Structured Covered Bond Programme

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## General Description of the Programme



(1) Deutsche Bank AG acts as the issuer as well as a seller, with BHW Bausparkasse AG as a part of the Deutsche Bank Group also acting as a seller

#### **Description of the Programme**

Under the Programme Deutsche Bank AG as Issuer may issue Notes from time to time. The Guarantor guarantees the payment of interest and principal under the Notes pursuant to a Guarantee Agreement which is secured by the Cover Pool. The Cover Pool consists of Purchased Loan Receivables, Purchased Related Collateral and Eligible Investments as well as the amounts standing to the credit of the Guarantor Accounts. Recourse against the Guarantor under the Guarantee Agreement is limited to the Cover Pool.

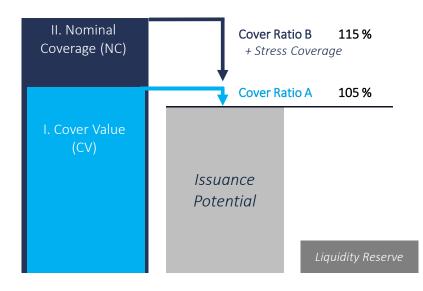
#### Investor contact details

Deutsche Bank AG Treasury Deal Management Mail to: scb.alpspitze@db.com

#### Please read the prospectus:

This diagrammatic overview together with the description of the transaction structure and the cover ratio test appears for convenience only, does not display all relevant contractual relationships between the parties involved. The complete terms and conditions of this Financial Instrument are included in the respective Base Prospectus and in the Final Terms, copies of which and a history of published reports are available upon request and free of charge from Deutsche Bank AG, Taunusanlage 12, 60325 Frankfurt am Main, or can be downloaded from *www.db.com/ir/en/structured-covered-bonds*.

## Illustration of the Cover Ratio Test



A contractual committed Cover Ratio Test, provides that ...

I. ... the Cover Value (CV) exceeds the Outstanding Programme Amount multiplied by the Cover Ratio A.

II. ... the Nominal Coverage exceeds the Outstanding Programme Amount multiplied by the Cover Ratio B, plus "Stress Coverage", including

- Overdue Amounts (if any),
- Concentration Excess Amounts (if any),
- Transfer Cost & Set-off Reserve (subject to Rating Trigger).

\*Cover Value (CV) means such portion of the Cover Pool that qualifies pursuant to CRR as eligible collateral for covered bonds, in particular taking into account the LTV limits for residential (80%) and commercial (60%) mortgages.

Liquidity Reserve for 6 month coupon payments + expenses (subject to Rating Trigger).

Deutsche Bank

Treasury Markets

all amounts in EUR, unless otherwise stated



115,0%

### A) Programme Information

## A.1) Programme Overview

| Covered Bonds                           |  |  |               |  |
|---|--|--|---------------|--|
| Maximum Programme Amount 35.000.000.000 |  | Outstanding Programme<br>Amount <i>[a]</i> | 2.310.000.000 |  |
|   |  | Thereof EUR                                | 2.310.000.000 |  |
|   |  | Thereof USD                                | 0             |  |
|   |  | Thereof GBP                                | 0             |  |

| Cover Pool                  |               |                    |               |  |
|-----------------------------|---------------|--------------------|---------------|--|
| Cover Pool                  |               |                    | 3.482.821.618 |  |
| Cover Value [b] = [d] + [f] |               |                    | 2.958.252.452 |  |
| Cover Pool Asse             | ets           | Eligible Investm   | ents          |  |
| Nominal Amount [c]          | 3.482.821.618 | Nominal Amount [e] | 0             |  |
| Cover Value [d]             | 2.958.252.452 | Cover Value [f]    | 0             |  |

| Rating of the Notes (Moody's / DBRS) |          | Minimum OC Level |               |
|--------------------------------------|----------|------------------|---------------|
| Target Rating                        | Aa1 / AA | Moody's          | 110.5%        |
| Original Rating                      | Aa1 / AA | Moody s          | 110,576       |
|                                      |          | DBRS             | not published |

Issuer Commitment

#### A.2) Cover Ratio Test

| Outstanding Programme Amount [a]      |               |   |               |  |
|---------------------------------------|---------------|---|---------------|--|
|                                       | 2.310.0       | 00.000  |               |  |
| Required Cover Ratio A [g]            | 105,0%        | Required Cover Ratio B [h]                    | 115,0%        |  |
| Minimum Cover Value<br>= [a] × [g]    | 2.425.500.000 | Minimum Coverage<br>= [a] x [h] + [z]         | 2.656.500.000 |  |
| Available Cover Value [b]             | 2.958.252.452 | Available Coverage    [i]<br>= [c] + [f]      | 3.482.821.618 |  |
| Over-collateralisation<br>= [b] - [a] | 648.252.452   | Over-collateralisation<br>= [i] - [a]         | 1.172.821.618 |  |
| Actual Cover Ratio A<br>= [b] / [a]   | 128,1%        | Actual Cover Ratio B<br>= ( [i] - [z] ) / [a] | 150,8%        |  |
| Cover Ratio Test 1                    |               | Cover Ratio Test 2                            |               |  |
| Passed                                |               | Passed  |               |  |
| Overall Cover Ratio Test Result       |               |   |               |  |
| Passed                                |               |   |               |  |



#### A.3) Deutsche Bank Ratings

| Moody's Counterparty Risk Assessment    | A3        |
|---|-----------|
| Moody's Deposits Rating                 | A3        |
|   |           |
| <b>DBRS</b> Critical Obligations Rating | A(high)   |
| DBRS Senior Unsecured                   | BBB(high) |

## A.4) Liquidity Reserve Test

| Rating Trigger Test                          | >> No Stress Event Occurred<< |
|--|-------------------------------|
| Liquidity Reserve Amount                     | 0                             |
| Aggregate Volume of Liquidity Reserve Assets | 0                             |
| Liqudity Reserve Test                        | Passed                        |

## A.5) Additional Overcollateralisation Requirements

| Overdue Amount                             | 0                             |
|--|-------------------------------|
| Concentration Excess Amount                | 0                             |
|  |                               |
| Seller Rating Trigger Test                 | >> No Stress Event Occurred<< |
| Set-Off Exposure Amount                    | 0                             |
| Transfer Cost Reserve Amount               | 0                             |
|  |                               |
| Total additional Overcollateralisation [z] | 0                             |

#### A.6) Concentration Limits

|   | Limit % | Actual % | Limit (EUR)   | Actual (EUR) |
|---|---------|----------|---------------|--------------|
| Retail Loans                            |         |          |               |              |
| >500k EUR Nominal                       | 20,0%   | 13,0%    |               | 453.866.818  |
| Secured by Retail-Commercial Properties | 15,0%   | 11,2%    |               | 388.916.345  |
| CRE Loans                               |         |          |               |              |
| Total CRE Loans                         | 25,0%   | 0,0%     | 2.500.000.000 | 0            |
| Non-EUR                                 | 15,0%   | 0,0%     | 1.500.000.000 | 0            |
| Secured by Hospitality Properties       | 7,0%    | 0,0%     | 750.000.000   | 0            |
| Single loan >200mn EUR Nominal          |         |          |               | 0            |

#### B) Cover Pool Assets

#### B.1) Key Information

| Cover Pool Assets |               |                |          |  |
|-------------------|---------------|----------------|----------|--|
| Retail            | Loans         | CR             | RE Loans |  |
| Nominal Amount    | 3.482.821.618 | Nominal Amount | 0        |  |
| Cover Value       | 2.958.252.452 | Cover Value    | 0        |  |

| General Pool Information                   |            |  |
|--|------------|--|
| Number of Loans                            | 41.054     |  |
| Number of Borrowers                        | 32.731     |  |
| Number of Properties                       | 35.082     |  |
| Average Loan Amount                        | 84.835     |  |
| WA Seasoning (Months)                      | 77,4       |  |
| WA Remaining Time to Maturity CPA (Months) | 197,6      |  |
| WA Life CPA (Months)                       | 107,1      |  |
| WA LTLV                                    | 70,9       |  |
| Maximum LTLV                               | 300,0      |  |
| Earliest Origination Date                  | 09.12.1984 |  |
| Latest Maturity Date                       | 29.06.2060 |  |
| % Loans to Employees of the Originator     | 0,0%       |  |
| % Loans to Foreigners                      | 0,3%       |  |

WA = Weighted Average LTLV = Loan-to-Lending-Value CPA = Cover Pool Assets



#### B.2) Asset & Liability Structure



| Maturity Struture  |             |               |  |  |
|--------------------|-------------|---------------|--|--|
| Bucket             | Assets      | Liabilities   |  |  |
| Up to 6 Months     | 142.069.188 | 0             |  |  |
| Up to 12 Months    | 133.726.567 | 0             |  |  |
| Up to 18 Months    | 135.862.213 | 0             |  |  |
| Up to 2 Years      | 132.066.831 | 0             |  |  |
| Up to 3 Years      | 257.794.568 | 1.810.000.000 |  |  |
| Up to 4 Years      | 248.587.230 | 0             |  |  |
| Up to 5 Years      | 230.807.136 | 500.000.000   |  |  |
| Up to 10 Years     | 939.713.144 | 0             |  |  |
| Up to 15 Years     | 598.101.323 | 0             |  |  |
| Up to 20 Years     | 346.829.549 | 0             |  |  |
| More than 20 Years | 317.263.870 | 0             |  |  |

| Asset & Liability Management        |               |               |  |  |
|-------------------------------------|---------------|---------------|--|--|
|                                     | Assets        | Liabilities   |  |  |
| WA Remaining Time to Maturity (yrs) | 16,5          | 3,08          |  |  |
| Floating Rate                       | 75.831.869    | 0             |  |  |
| Fixed Rate                          | 3.406.989.749 | 2.310.000.000 |  |  |
| % of floating Rate                  | 2,2           | 0,0           |  |  |
| % of fixed Rate                     | 97,8          | 100,0         |  |  |
| WA Coupon on fixed Rate (bps)       | 253           | 38            |  |  |
| WA Coupon on floating Rate (bps)    | 304           |               |  |  |
| WA Margin on floating Rate (bps)    |               | 0             |  |  |
| % of Assets with DPD > 90           | 0,0           |               |  |  |

## B.3) Cover Pool Asset Breakdown

|                            | Retail        | CRE | Total         |
|----------------------------|---------------|-----|---------------|
| Occupancy Type             |               |     |               |
| Buy to Let Loans           | 1.346.350.056 | 0   | 1.346.350.056 |
| First Home                 | 1.818.075.513 | 0   | 1.818.075.513 |
| Other / No Data            | 35.584.681    | 0   | 35.584.681    |
| Second Home / Holiday Home | 282.811.369   | 0   | 282.811.369   |

| Employment Type |               |   |               |
|-----------------|---------------|---|---------------|
| Employed        | 2.531.406.484 | 0 | 2.531.406.484 |
| Unemployed      | 4.884.963     | 0 | 4.884.963     |
| Self Employed   | 915.170.080   | 0 | 915.170.080   |
| Other / No Data | 31.360.092    | 0 | 31.360.092    |

| Arrears    |         |   |         |
|------------|---------|---|---------|
| < 30 Days  | 610.326 | 0 | 610.326 |
| ≥ 30 Days  | 0       | 0 | 0       |
| ≥ 60 Days  | 0       | 0 | 0       |
| ≥ 90 Days  | 0       | 0 | 0       |
| ≥ 180 Days | 0       | 0 | 0       |
| ≥ 360 Days | 0       | 0 | 0       |

| Current LTLV Distribution |             |   |             |
|---------------------------|-------------|---|-------------|
| LTLV ≤ 10%                | 64.695.594  | 0 | 64.695.594  |
| LTLV ≤ 20%                | 165.118.749 | 0 | 165.118.749 |
| LTLV ≤ 30%                | 262.391.135 | 0 | 262.391.135 |
| LTLV ≤ 40%                | 337.670.744 | 0 | 337.670.744 |
| LTLV ≤ 50%                | 404.053.139 | 0 | 404.053.139 |
| LTLV ≤ 60%                | 385.841.498 | 0 | 385.841.498 |
| LTLV ≤ 70%                | 360.394.126 | 0 | 360.394.126 |
| LTLV ≤ 80%                | 331.424.212 | 0 | 331.424.212 |
| LTLV ≤ 90%                | 275.371.385 | 0 | 275.371.385 |
| LTLV ≤ 100%               | 240.428.901 | 0 | 240.428.901 |
| LTLV ≤ 110%               | 172.987.150 | 0 | 172.987.150 |
| LTLV > 110%               | 482.444.987 | 0 | 482.444.987 |

#### B.3) Cover Pool Asset Breakdown - continued

|                         |               | 005 |               |
|-------------------------|---------------|-----|---------------|
|                         | Retail        | CRE | Total         |
| Currency                |               |     |               |
| EUR                     | 3.482.821.618 | 0   | 3.482.821.618 |
| GBP                     | 0             | 0   | 0             |
|                         |               |     |               |
| Clustering by Loan Size |               |     |               |
| 0 to 50.000             | 478.013.748   | 0   | 478.013.748   |
| 50.000 to 80.000        | 518.600.870   | 0   | 518.600.870   |
| 80.001 to 100.000       | 378.757.306   | 0   | 378.757.306   |
| 100.001 to 120.000      | 287.352.024   | 0   | 287.352.024   |
| 120.001 to 140.000      | 237.870.242   | 0   | 237.870.242   |
| Greater than 140.000    | 1.582.227.429 | 0   | 1.582.227.429 |
|                         |               |     |               |
|                         |               |     |               |
| Seasoning in Years      |               |     |               |
| 0 to 1                  | 175.247.814   | 0   | 175.247.814   |
| 1 to 2                  | 353.021.867   | 0   | 353.021.867   |
| 2 to 3                  | 223.095.346   | 0   | 223.095.346   |
| 3 to 4                  | 241.669.865   | 0   | 241.669.865   |
| 4 to 5                  | 264.062.769   | 0   | 264.062.769   |
| 5 to 6                  | 325.013.670   | 0   | 325.013.670   |
| 6 to 7                  | 214.826.303   | 0   | 214.826.303   |
| 7 to 8                  | 523.168.721   | 0   | 523.168.721   |
| 8 to 9                  | 508.013.566   | 0   | 508.013.566   |
| 9 to 10                 | 322.399.566   | 0   | 322.399.566   |
|                         |               |     |               |

| Greater than 12         | 155.873.914 | 0 | 155.873.914 |
|-------------------------|-------------|---|-------------|
|                         |             |   |             |
|                         |             |   |             |
| Remaining Term in Years |             |   |             |
| 0 to 5                  | 333.729.363 | 0 | 333.729.363 |
| 5 to 8                  | 349.420.345 | 0 | 349.420.345 |
| 8 to 10                 | 270.390.970 | 0 | 270.390.970 |
| 10 to 12                | 273.506.314 | 0 | 273.506.314 |
| 12 to 14                | 292.700.685 | 0 | 292.700.685 |
| 14 to 16                | 270.624.491 | 0 | 270.624.491 |
| 16 to 18                | 249.592.404 | 0 | 249.592.404 |
| 18 to 20                | 233.821.388 | 0 | 233.821.388 |
| 20 to 22                | 209.102.825 | 0 | 209.102.825 |
| 22 to 24                | 234.442.817 | 0 | 234.442.817 |
| 24 to 26                | 171.687.358 | 0 | 171.687.358 |
| 26 to 28                | 154.143.833 | 0 | 154.143.833 |
| 28 to 30                | 142.314.540 | 0 | 142.314.540 |
| 30 to 40                | 297.344.286 | 0 | 297.344.286 |
| Greater than 40         | 0           | 0 | 0           |

122.239.393

54.188.824

0

0

122.239.393

54.188.824

10 to 11

11 to 12



## B.3) Cover Pool Asset Breakdown - continued

|              | Retail        | CRE | Total         |
|--------------|---------------|-----|---------------|
| Amortisation |               |     |               |
| Amortising   | 3.125.040.320 | 0   | 3.125.040.320 |
| Bullet       | 357.781.298   | 0   | 357.781.298   |
| Other        | 0             | 0   | 0             |

| Interest Payment Frequency |               |   |               |
|----------------------------|---------------|---|---------------|
| Quarterly                  | 0             | 0 | 0             |
| Monthly                    | 3.482.821.618 | 0 | 3.482.821.618 |

| Interest Rate          |               |   |               |
|------------------------|---------------|---|---------------|
| 1-month EURIBOR        | 0             | 0 | 0             |
| 3-month EURIBOR        | 66.613.571    | 0 | 66.613.571    |
| 6-month EURIBOR        | 0             | 0 | 0             |
| 12-month EURIBOR       | 0             | 0 | 0             |
| 1-month LIBOR          | 0             | 0 | 0             |
| 3-month LIBOR          | 0             | 0 | 0             |
| 6-month LIBOR          | 0             | 0 | 0             |
| 12-month LIBOR         | 0             | 0 | 0             |
| ECB Base Rate          | 0             | 0 | 0             |
| Standard Variable Rate | 0             | 0 | 0             |
| Other / Fixed          | 3.416.208.047 | 0 | 3.416.208.047 |

| Interest Rate Type |               |   |               |
|--------------------|---------------|---|---------------|
| Fixed              | 3.406.952.218 | 0 | 3.406.952.218 |
| Floating           | 75.869.400    | 0 | 75.869.400    |

## B.4) Geographic Distribution of Retail Loans

|                               | Retail Loans  | 0 | 050 | Millionen |     |
|-------------------------------|---------------|---|-----|-----------|-----|
| Germany                       |               | 0 | 250 | 500       | 750 |
| Baden-Wuerttemberg            | 368.915.720   |   |     |           |     |
| Bavaria                       | 285.866.509   |   |     |           |     |
| Berlin                        | 217.241.267   |   |     |           |     |
| Brandenburg                   | 109.138.642   |   |     |           |     |
| Bremen                        | 24.942.847    |   |     |           |     |
| Hamburg                       | 138.951.859   |   |     |           |     |
| Hesse                         | 273.617.105   |   |     |           |     |
| Mecklenburg Western Pomerania | 95.673.206    |   |     |           |     |
| Lower Saxony                  | 253.735.755   |   |     |           |     |
| North Rhine-Westphalia        | 1.135.337.653 |   |     |           |     |
| Rhineland Palatinate          | 100.605.345   |   |     |           |     |
| Saarland                      | 28.973.154    |   |     |           |     |
| Saxony                        | 177.425.381   |   |     |           |     |
| Saxony-Anhalt                 | 55.711.136    |   |     |           |     |
| Schleswig-Holstein            | 154.509.634   |   |     |           |     |
| Thuringia                     | 59.447.592    |   |     |           |     |
| Other                         | 2.728.812     |   |     |           |     |
| Total Germany                 | 3.482.821.618 |   |     |           |     |

## C) Events in Relation to the Guarantee

| Event Type <sup>(1)</sup>          | Current Status |
|------------------------------------|----------------|
| Guarantee Event occurred           | No             |
| Guarantor Event of Default occured | No             |

Deutsche Bank Treasury Markets **/** 

#### D) Counterparty Details

| ISSUER                       | Deutsche Bank AG<br>Taunusanlage 12<br>60325 Frankfurt am Main, Germany  |
|------------------------------|--|
| GUARANTOR                    | SCB Alpspitze UG<br>c/o Wilmington Trust<br>Steinweg 3-5<br>60313 Frankfurt am Main, Germany                                       |
| TRUSTEE                      | TMF Trustee Services GmbH<br>Eschenheimer Anlage 1<br>60316 Frankfurt am Main. Germany   |
| FISCAL AGENT                 | Deutsche Bank AG<br>Trust and Agency Services<br>Taunusanlage 12<br>60325 Frankfurt am Main, Germany                               |
| AUDITORS OF THE<br>ISSUER    | KPMG AG<br>Wirtschaftsprüfungsgesellschaft<br>The Squaire, Frankfurt Flughafen<br>Am Flughafen<br>60459 Frankfurt am Main, Germany |
| AUDITORS OF THE<br>GUARANTOR | Ernst & Young GmbH<br>Wirtschaftsprüfungsgesellschaft<br>Mergenthaler Allee 3-5<br>65760 Eschborn, Germany                         |