The background of the page is an abstract composition of several overlapping, semi-transparent blue polygons. The colors range from a light, bright blue to a very dark, almost black blue. The shapes are angular and create a sense of depth and movement. The text is centered in the lower-left quadrant of this background.

Deutsche Bank  
Structured Covered Bond Programme  
Cover Pool Report  
July, 07 2023



## Cover Pool Reporting

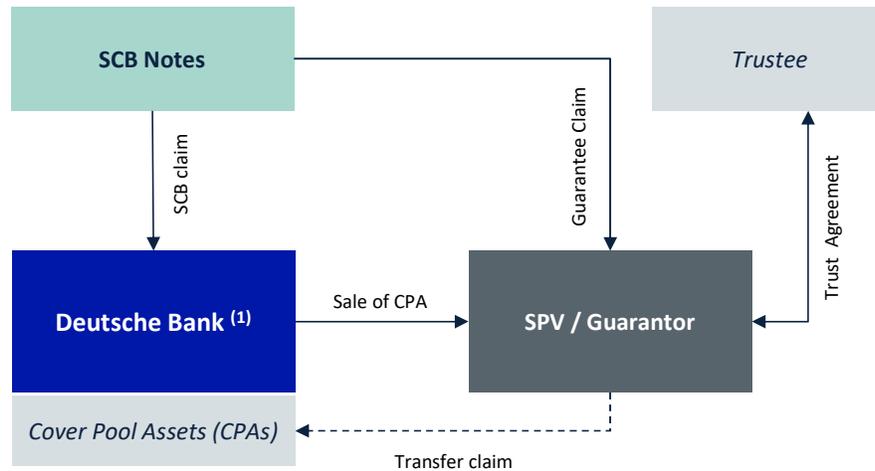
### Deutsche Bank Structured Covered Bond Programme

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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

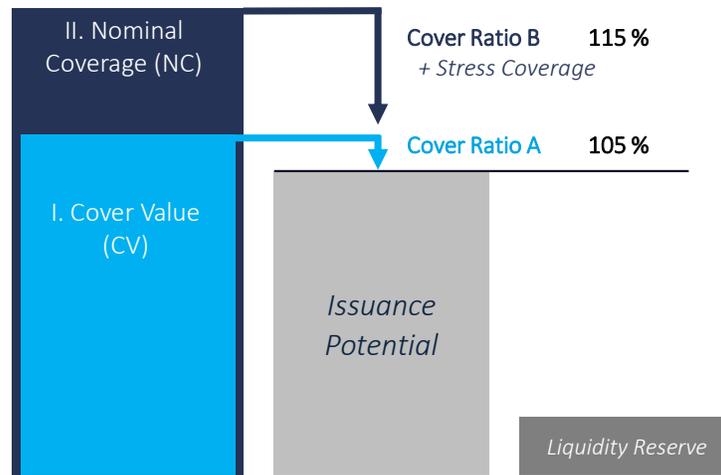
Deutsche Bank AG  
Treasury Deal Management  
Mail to: [scb.alp Spitze@db.com](mailto:scb.alp Spitze@db.com)

### 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 <https://investor-relations.db.com/creditors/prospectuses/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).



all amounts in EUR, unless otherwise stated

## A) Programme Information

### A.1) Programme Overview

Covered Bonds			
Maximum Programme Amount	35.000.000.000	Outstanding Programme Amount [a]	3.310.000.000
		Thereof EUR	3.310.000.000
		Thereof USD	0
		Thereof GBP	0

Cover Pool			
Cover Pool			4.595.889.618
Cover Value [b] = [d] + [f]			3.815.617.821
Cover Pool Assets		Eligible Investments	
Nominal Amount [c]	4.595.889.618	Nominal Amount [e]	0
Cover Value [d]	3.815.617.821	Cover Value [f]	0

Rating of the Notes (Moody's / DBRS)	
Target Rating	Aaa / AA
Original Rating	Aa1 / AA

Minimum OC Level	
Moody's	110,5%
DBRS	not published
Issuer Commitment (refers to Cover Ratio B)	115,0%

### A.2) Cover Ratio Test

Outstanding Programme Amount [a]			
	3.310.000.000		
Required Cover Ratio A [g]	105,0%	Required Cover Ratio B [h]	115,0%
Minimum Cover Value = [a] x [g]	3.475.500.000	Minimum Coverage = [a] x [h] + [z]	3.806.500.000
Available Cover Value [b]	3.815.617.821	Available Coverage [i] = [c] + [f]	4.595.889.618
Over-collateralisation = [b] - [a]	505.617.821	Over-collateralisation = [i] - [a]	1.285.889.618
Actual Cover Ratio A = [b] / [a]	115,3%	Actual Cover Ratio B = ([i] - [z]) / [a]	138,8%
Cover Ratio Test 1		Cover Ratio Test 2	
Passed		Passed	
Overall Cover Ratio Test Result			
Passed			

all amounts in EUR, unless otherwise stated



### A.3) Deutsche Bank Ratings

<b>Moody's</b> Counterparty Risk Assessment	A1
<b>Moody's</b> Deposits Rating	A1
<b>DBRS</b> Critical Obligations Rating	AA(low)
<b>DBRS</b> Long-term Senior Non-Preferred Debt	A(low)

### A.4) Liquidity Reserve Test

Rating Trigger Test	>> No Stress Event Occurred<<
Liquidity Reserve Amount	0
Aggregate Volume of Liquidity Reserve	0
Liquidity 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)
<b>Retail Loans</b>				
>500k EUR Nominal	20,0%	9,5%		435.054.605
Secured by Retail-Commercial Propertie:	15,0%	3,3%		152.730.637
<b>CRE Loans</b>				
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

all amounts in EUR, unless otherwise stated



**B) Cover Pool Assets**

**B.1) Key Information**

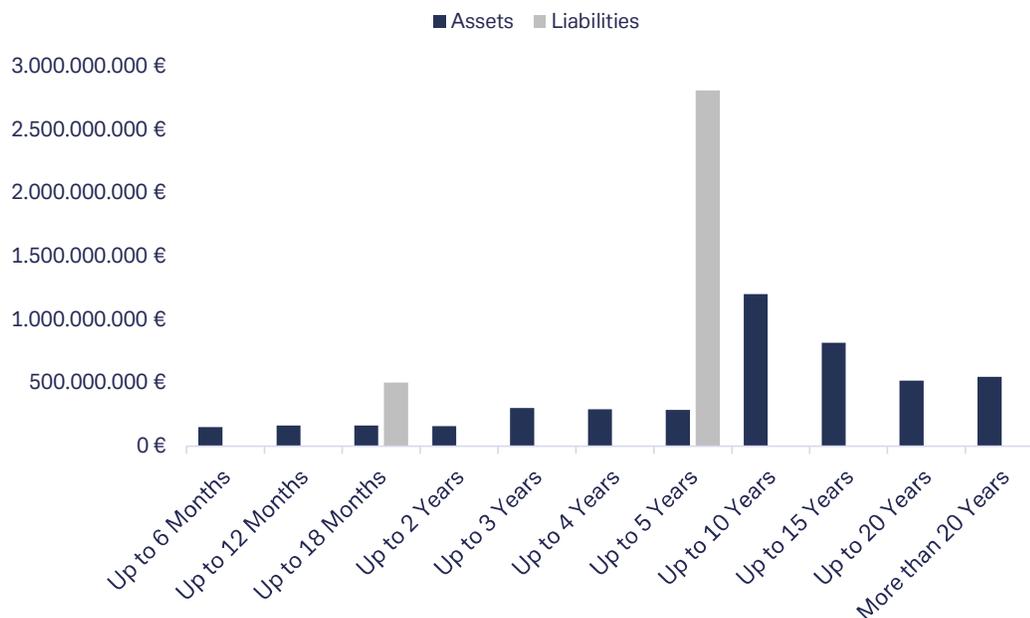
Cover Pool Assets			
Retail Loans		CRE Loans	
Nominal Amount	4.595.889.618	Nominal Amount	0
Cover Value	3.815.617.821	Cover Value	0

General Pool Information	
Number of Loans	50.767
Number of Borrowers	40.626
Number of Properties	43.057
Average Loan Amount	90.529
WA Seasoning (Months)	63,0
WA Remaining Time to Maturity CPA (Months)	212,9
WA Life CPA (Months)	117,9
WA LTLV	71,8
Maximum LTLV	300,0
Earliest Origination Date	29-07-1986
Latest Maturity Date	28-11-2062
% Loans to Employees of the Originator	0,0%
% Loans to Foreigners	0,2%

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



## B.2) Asset & Liability Structure



Maturity Structure		
Bucket	Assets	Liabilities
Up to 6 Months	150.108.384	0
Up to 12 Months	161.920.306	0
Up to 18 Months	164.189.956	500.000.000
Up to 2 Years	156.040.451	0
Up to 3 Years	302.437.180	0
Up to 4 Years	291.930.746	0
Up to 5 Years	284.146.506	2.810.000.000
Up to 10 Years	1.202.125.907	0
Up to 15 Years	816.183.445	0
Up to 20 Years	518.152.385	0
More than 20 Years	548.654.353	0

Asset & Liability Management		
	Assets	Liabilities
WA Remaining Time to Maturity (yrs)	17,7	4,091
Floating Rate	52.156.064	1.000.000.000
Fixed Rate	4.543.733.555	2.310.000.000
% of floating Rate	1,1	30,2
% of fixed Rate	98,9	69,8
WA Coupon on fixed Rate (bps)	196	290
WA Coupon on floating Rate (bps)	690	
WA Margin on floating Rate (bps)		55
% of Assets with DPD > 90	0,0	

all amounts in EUR, unless otherwise stated



### B.3) Cover Pool Asset Breakdown

	Retail	CRE	Total
<b>Occupancy Type</b>			
Buy to Let Loans	1.598.422.360	0	1.598.422.360
First Home	2.678.889.873	0	2.678.889.873
Other / No Data	18.440.789	0	18.440.789
Second Home / Holiday Home	300.136.596	0	300.136.596

<b>Employment Type</b>			
Employed	3.664.250.843	0	3.664.250.843
Unemployed	6.297.703	0	6.297.703
Self Employed	903.722.581	0	903.722.581
Other / No Data	21.618.491	0	21.618.491

<b>Arrears</b>			
< 30 Days	2.556.078	0	2.556.078
≥ 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

<b>Current LTLV Distribution</b>			
LTLV ≤ 10%	68.252.254	0	68.252.254
LTLV ≤ 20%	217.251.799	0	217.251.799
LTLV ≤ 30%	348.942.819	0	348.942.819
LTLV ≤ 40%	447.382.722	0	447.382.722
LTLV ≤ 50%	483.179.473	0	483.179.473
LTLV ≤ 60%	478.836.888	0	478.836.888
LTLV ≤ 70%	456.479.180	0	456.479.180
LTLV ≤ 80%	421.968.124	0	421.968.124
LTLV ≤ 90%	348.045.364	0	348.045.364
LTLV ≤ 100%	325.888.435	0	325.888.435
LTLV ≤ 110%	279.895.254	0	279.895.254
LTLV > 110%	719.767.306	0	719.767.306

all amounts in EUR, unless otherwise stated



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

	Retail	CRE	Total
<b>Currency</b>			
EUR	4.595.889.618	0	4.595.889.618
GBP	0	0	0

<b>Clustering by Loan Size</b>			
0 to 50.000	497.885.392	0	497.885.392
50.000 to 80.000	669.495.132	0	669.495.132
80.001 to 100.000	678.488.605	0	678.488.605
100.001 to 120.000	469.247.833	0	469.247.833
120.001 to 140.000	388.552.889	0	388.552.889
Greater than 140.000	1.892.219.767	0	1.892.219.767

<b>Seasoning in Years</b>			
0 to 1	180.150.473	0	180.150.473
1 to 2	732.163.075	0	732.163.075
2 to 3	682.203.914	0	682.203.914
3 to 4	756.196.072	0	756.196.072
4 to 5	378.951.958	0	378.951.958
5 to 6	261.123.027	0	261.123.027
6 to 7	227.602.708	0	227.602.708
7 to 8	276.055.894	0	276.055.894
8 to 9	274.870.334	0	274.870.334
9 to 10	191.387.764	0	191.387.764
10 to 11	315.943.334	0	315.943.334
11 to 12	146.507.121	0	146.507.121
Greater than 12	172.733.945	0	172.733.945

<b>Remaining Term in Years</b>			
0 to 5	415.923.596	0	415.923.596
5 to 8	390.234.380	0	390.234.380
8 to 10	311.270.542	0	311.270.542
10 to 12	314.080.839	0	314.080.839
12 to 14	364.782.324	0	364.782.324
14 to 16	273.321.131	0	273.321.131
16 to 18	321.476.208	0	321.476.208
18 to 20	301.690.435	0	301.690.435
20 to 22	278.236.212	0	278.236.212
22 to 24	293.738.756	0	293.738.756
24 to 26	270.775.081	0	270.775.081
26 to 28	314.672.408	0	314.672.408
28 to 30	236.193.054	0	236.193.054
30 to 40	509.494.653	0	509.494.653
Greater than 40	0	0	0

all amounts in EUR, unless otherwise stated



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

	Retail	CRE	Total
<b>Amortisation</b>			
Amortising	4.013.147.157	0	4.013.147.157
Bullet	582.742.462	0	582.742.462
Other	0	0	0

<b>Interest Payment Frequency</b>			
Quarterly	0	0	0
Monthly	4.595.889.618	0	4.595.889.618

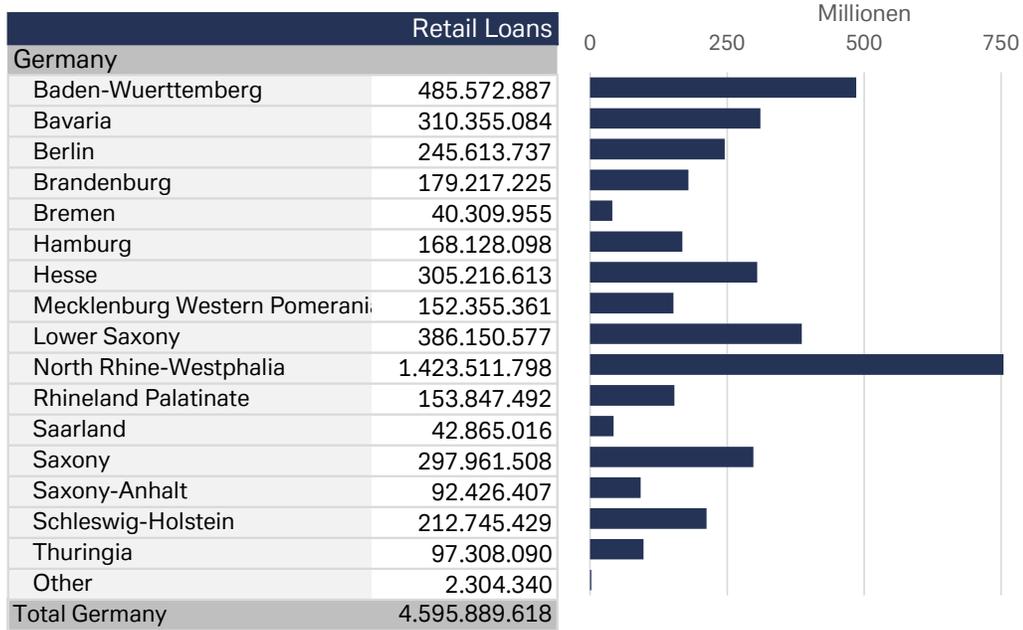
<b>Interest Rate</b>			
1-month EURIBOR	0	0	0
3-month EURIBOR	43.158.915	0	43.158.915
6-month EURIBOR	0	0	0
12-month EURIBOR	0	0	0
1-month LIBOR	0	0	0
3-month LIBOR	0	0	0
6-month LIBOR	0	0	0
12-month LIBOR	0	0	0
ECB Base Rate	0	0	0
Standard Variable Rate	0	0	0
Fixed	4.543.643.407	0	4.543.643.407
Other	9.087.296	0	9.087.296

<b>Interest Rate Type</b>			
Fixed	4.543.643.407	0	4.543.643.407
Floating	43.158.915	0	43.158.915
Other	9.087.296	0	9.087.296

all amounts in EUR, unless otherwise stated



**B.4) Geographic Distribution of Retail Loans**



**C) Events in Relation to the Guarantee**

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

(1) For full Definition please refer to the "Master Definitions Agreement" in the Base Prospectus, pages 317 f.  
all amounts in EUR, unless otherwise stated



**D) Counterparty Details**

ISSUER	Deutsche Bank AG Taunusanlage 12 60325 Frankfurt am Main, Germany
GUARANTOR	SCB Alpspitze UG c/o Wilmington Trust Steinweg 3-5 60313 Frankfurt am Main, Germany
TRUSTEE	TMF Trustee Services GmbH Wiesenuettenstrasse 11 60329 Frankfurt am Main, Germany
FISCAL AGENT	Deutsche Bank AG Trust and Agency Services Taunusanlage 12 60325 Frankfurt am Main, Germany
AUDITORS OF THE ISSUER	Ernst & Young GmbH Wirtschaftsprüfungsgesellschaft Mergenthaler Allee 3-5 65760 Eschborn, Germany
AUDITORS OF THE GUARANTOR	Ernst & Young GmbH Wirtschaftsprüfungsgesellschaft Mergenthaler Allee 3-5 65760 Eschborn, Germany