# ING Bank N.V. Legal entity identifier (LEI): 3TK20IVIUJ8J3ZU0QE75 Issue of

Series number of the Certificates	WKN Code	ISIN Code	Number of Certificates being issued	Title				
228,964	NG56DL	DE000NG56DL8	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,965	NG56DM	DE000NG56DM6	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,966	NG56DN	DE000NG56DN4	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,967	NG56DP	DE000NG56DP9	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,968	NG56DQ	DE000NG56DQ7	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,969	NG56DR	DE000NG56DR5	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,970	NG56DS	DE000NG56DS3	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,971	NG56DT	DE000NG56DT1	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,972	NG56DU	DE000NG56DU9	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,973	NG56DV	DE000NG56DV7	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,974	NG56DW	DE000NG56DW5	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,975	NG56DX	DE000NG56DX3	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,976	NG56DY	DE000NG56DY1	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,977	NG56DZ	DE000NG56DZ8	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,978	NG56D0	DE000NG56D07	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,979	NG56D1	DE000NG56D15	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,980	NG56D2	DE000NG56D23	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,981	NG56D3	DE000NG56D31	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,982	NG56D4	DE000NG56D49	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,983	NG56D5	DE000NG56D56	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,984	NG56D6	DE000NG56D64	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,985	NG56D7	DE000NG56D72	1,000,000	ING Short Commodity Open End Turbo Certificate				
228,986	NG56D8	DE000NG56D80	1,000,000	ING Short Commodity Open End Turbo				

				Certificate
228,987	NG56D9	DE000NG56D98	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,988	NG56EA	DE000NG56EA9	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,989	NG56EB	DE000NG56EB7	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,990	NG56EC	DE000NG56EC5	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,991	NG56ED	DE000NG56ED3	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,992	NG56EE	DE000NG56EE1	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,993	NG56EF	DE000NG56EF8	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,994	NG56EG	DE000NG56EG6	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,995	NG56EH	DE000NG56EH4	1,000,000	ING Short Commodity Open End Turbo
				Certificate
228,996	NG56EJ	DE000NG56EJ0	1,000,000	ING Short Commodity Open End Turbo
·				Certificate
228,997	NG56EK	DE000NG56EK8	1,000,000	ING Short Commodity Open End Turbo
,				Certificate
228,998	NG56EL	DE000NG56EL6	1,000,000	ING Short Commodity Open End Turbo
,				Certificate
228,999	NG56EM	DE000NG56EM4	1,000,000	ING Short Commodity Open End Turbo
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229,000	NG56EN	DE000NG56EN2	1,000,000	ING Short Commodity Open End Turbo
. ,			,,,,,,,,	Certificate
229,001	NG56EP	DE000NG56EP7	1,000,000	ING Short Commodity Open End Turbo
,				Certificate
229,002	NG56EQ	DE000NG56EQ5	1,000,000	ING Short Commodity Open End Turbo
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229,003	NG56ER	DE000NG56ER3	1,000,000	ING Short Commodity Open End Turbo
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229,004	NG56ES	DE000NG56ES1	1,000,000	ING Short Commodity Open End Turbo
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229,005	NG56ET	DE000NG56ET9	1,000,000	ING Short Commodity Open End Turbo
- ,			,,,,,,,,	Certificate
229,006	NG56EU	DE000NG56EU7	1,000,000	ING Short Commodity Open End Turbo
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229,007	NG56EV	DE000NG56EV5	1,000,000	ING Short Commodity Open End Turbo
,				Certificate
229,008	NG56EW	DE000NG56EW3	1,000,000	ING Short Commodity Open End Turbo
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229,009	NG56EX	DE000NG56EX1	500,000	ING Short Commodity Open End Turbo
,				Certificate
229,010	NG56EY	DE000NG56EY9	500,000	ING Short Commodity Open End Turbo
,			1 2 3,000	Certificate
229,011	NG56EZ	DE000NG56EZ6	500,000	ING Short Commodity Open End Turbo
,011			1500,000	Certificate
229,012	NG56E0	DE000NG56E06	500,000	ING Short Commodity Open End Turbo
227,012	1.33020	220001.00000	300,000	Certificate
229,013	NG56E1	DE000NG56E14	500,000	ING Short Commodity Open End Turbo
227,013	1,33021	DECOUNGSOLIT	300,000	Certificate
229,014	NG56E2	DE000NG56E22	500,000	ING Short Commodity Open End Turbo
227,014	1103002	DE00011030E22	1200,000	Invo Short Commounty Open End Turbo

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229,015	NG56E3	DE000NG56E30	500,000	ING Short Commodity Open End Turbo
				Certificate
229,016	NG56E4	DE000NG56E48	500,000	ING Short Commodity Open End Turbo
				Certificate
229,017	NG56E5	DE000NG56E55	500,000	ING Short Commodity Open End Turbo
				Certificate
229,018	NG56E6	DE000NG56E63	500,000	ING Short Commodity Open End Turbo
				Certificate
229,019	NG56E7	DE000NG56E71	500,000	ING Short Commodity Open End Turbo
				Certificate
229,020	NG56E8	DE000NG56E89	500,000	ING Short Commodity Open End Turbo
				Certificate
229,021	NG56E9	DE000NG56E97	500,000	ING Short Commodity Open End Turbo
				Certificate
229,022	NG56FA	DE000NG56FA6	500,000	ING Short Commodity Open End Turbo
				Certificate
229,023	NG56FB	DE000NG56FB4	500,000	ING Short Commodity Open End Turbo
				Certificate
229,024	NG56FC	DE000NG56FC2	500,000	ING Short Commodity Open End Turbo
				Certificate
229,025	NG56FD	DE000NG56FD0	500,000	ING Short Commodity Open End Turbo
				Certificate
229,026	NG56FE	DE000NG56FE8	500,000	ING Short Commodity Open End Turbo
				Certificate
229,027	NG56FF	DE000NG56FF5	500,000	ING Short Commodity Open End Turbo
				Certificate
229,028	NG56FG	DE000NG56FG3	500,000	ING Short Commodity Open End Turbo
				Certificate
229,029	NG56FH	DE000NG56FH1	500,000	ING Short Commodity Open End Turbo
				Certificate
229,030	NG56FJ	DE000NG56FJ7	500,000	ING Short Commodity Open End Turbo
				Certificate
229,031	NG56FK	DE000NG56FK5	500,000	ING Short Commodity Open End Turbo
	-			Certificate
229,032	NG56FL	DE000NG56FL3	500,000	ING Short Commodity Open End Turbo
				Certificate
229,033	NG56FM	DE000NG56FM1	500,000	ING Short Commodity Open End Turbo
				Certificate
229,034	NG56FN	DE000NG56FN9	1,000,000	ING Short Commodity Open End Turbo
				Certificate
229,035	NG56FP	DE000NG56FP4	1,000,000	ING Short Commodity Open End Turbo
	NGSCEO	DECOMPTED 2		Certificate
229,036	NG56FQ	DE000NG56FQ2	1,000,000	ING Short Commodity Open End Turbo
				Certificate
229,037	NG56FR	DE000NG56FR0	1,000,000	ING Short Commodity Open End Turbo
	NOSCEG	DECOMPTEE CEGO		Certificate
229,038	NG56FS	DE000NG56FS8	1,000,000	ING Short Commodity Open End Turbo
	NOSCEE	DECOMINATION OF CHIRAL		Certificate
229,039	NG56FT	DE000NG56FT6	1,000,000	ING Short Commodity Open End Turbo
	71020	DEDOCOSTO S SEES S	1	Certificate
229,040	NG56FU	DE000NG56FU4	250,000	ING Short Commodity Open End Turbo
	1.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7.7			Certificate
229,041	NG56FV	DE000NG56FV2	250,000	ING Short Commodity Open End Turbo
	Noscerr	DEGGG CETTE	1	Certificate
229,042	NG56FW	DE000NG56FW0	250,000	ING Short Commodity Open End Turbo

				Certificate
229,043	NG56FX	DE000NG56FX8	250,000	ING Short Commodity Open End Turbo
				Certificate
229,044	NG56FY	DE000NG56FY6	250,000	ING Short Commodity Open End Turbo
				Certificate
229,045	NG56FZ	DE000NG56FZ3	250,000	ING Short Commodity Open End Turbo
				Certificate
229,046	NG56F0	DE000NG56F05	500,000	ING Short Commodity Open End Turbo
				Certificate
229,047	NG56F1	DE000NG56F13	500,000	ING Short Commodity Open End Turbo
				Certificate
229,048	NG56F2	DE000NG56F21	500,000	ING Short Commodity Open End Turbo
				Certificate
229,049	NG56F3	DE000NG56F39	500,000	ING Short Commodity Open End Turbo
				Certificate
229,050	NG56F4	DE000NG56F47	500,000	ING Short Commodity Open End Turbo
				Certificate
229,051	NG56F5	DE000NG56F54	500,000	ING Short Commodity Open End Turbo
				Certificate
229,052	NG56F6	DE000NG56F62	250,000	ING Short Commodity Open End Turbo
				Certificate
229,053	NG56F7	DE000NG56F70	250,000	ING Short Commodity Open End Turbo
				Certificate
229,054	NG56F8	DE000NG56F88	250,000	ING Short Commodity Open End Turbo
				Certificate
229,055	NG56F9	DE000NG56F96	250,000	ING Short Commodity Open End Turbo
				Certificate
229,056	NG56GA	DE000NG56GA4	250,000	ING Short Commodity Open End Turbo
				Certificate
229,057	NG56GB	DE000NG56GB2	250,000	ING Short Commodity Open End Turbo
				Certificate
229,058	NG56GC	DE000NG56GC0	250,000	ING Short Commodity Open End Turbo
				Certificate
229,059	NG56GD	DE000NG56GD8	250,000	ING Short Commodity Open End Turbo
				Certificate
229,060	NG56GE	DE000NG56GE6	250,000	ING Short Commodity Open End Turbo
				Certificate
229,061	NG56GF	DE000NG56GF3	250,000	ING Short Commodity Open End Turbo
				Certificate
229,062	NG56GG	DE000NG56GG1	250,000	ING Short Commodity Open End Turbo
				Certificate
229,063	NG56GH	DE000NG56GH9	250,000	ING Short Commodity Open End Turbo
				Certificate
229,064	NG56GJ	DE000NG56GJ5	250,000	ING Short Commodity Open End Turbo
				Certificate
229,065	NG56GK	DE000NG56GK3	250,000	ING Short Commodity Open End Turbo
				Certificate
229,066	NG56GL	DE000NG56GL1	250,000	ING Short Commodity Open End Turbo
				Certificate
229,067	NG56GM	DE000NG56GM9	250,000	ING Short Commodity Open End Turbo
				Certificate
229,068	NG56GN	DE000NG56GN7	250,000	ING Short Commodity Open End Turbo
				Certificate
229,069	NG56GP	DE000NG56GP2	250,000	ING Short Commodity Open End Turbo
	77070	DEGGOTOS	1	Certificate
229,070	NG56GQ	DE000NG56GQ0	250,000	ING Short Commodity Open End Turbo

				Certificate
229,071	NG56GR	DE000NG56GR8	250,000	ING Short Commodity Open End Turbo
				Certificate
229,072	NG56GS	DE000NG56GS6	250,000	ING Short Commodity Open End Turbo
				Certificate
229,073	NG56GT	DE000NG56GT4	250,000	ING Short Commodity Open End Turbo
				Certificate
229,074	NG56GU	DE000NG56GU2	250,000	ING Short Commodity Open End Turbo
				Certificate
229,075	NG56GV	DE000NG56GV0	250,000	ING Short Commodity Open End Turbo
				Certificate
229,076	NG56GW	DE000NG56GW8	250,000	ING Short Commodity Open End Turbo
				Certificate
229,077	NG56GX	DE000NG56GX6	250,000	ING Short Commodity Open End Turbo
				Certificate
229,078	NG56GY	DE000NG56GY4	250,000	ING Short Commodity Open End Turbo
-				Certificate
229,079	NG56GZ	DE000NG56GZ1	250,000	ING Short Commodity Open End Turbo
-				Certificate
229,080	NG56G0	DE000NG56G04	250,000	ING Short Commodity Open End Turbo
-				Certificate
229,081	NG56G1	DE000NG56G12	250,000	ING Short Commodity Open End Turbo
				Certificate
229,082	NG56G2	DE000NG56G20	250,000	ING Short Commodity Open End Turbo
				Certificate
229,083	NG56G3	DE000NG56G38	250,000	ING Short Commodity Open End Turbo
				Certificate
229,084	NG56G4	DE000NG56G46	250,000	ING Short Commodity Open End Turbo
				Certificate
229,085	NG56G5	DE000NG56G53	250,000	ING Short Commodity Open End Turbo
				Certificate
229,086	NG56G6	DE000NG56G61	250,000	ING Short Commodity Open End Turbo
				Certificate
229,087	NG56G7	DE000NG56G79	250,000	ING Short Commodity Open End Turbo
				Certificate
229,088	NG56G8	DE000NG56G87	250,000	ING Short Commodity Open End Turbo
				Certificate
229,089	NG56G9	DE000NG56G95	250,000	ING Short Commodity Open End Turbo
				Certificate
229,090	NG56HA	DE000NG56HA2	250,000	ING Short Commodity Open End Turbo
				Certificate
229,091	NG56HB	DE000NG56HB0	250,000	ING Short Commodity Open End Turbo
				Certificate

# under the Certificates Programme

Any person making or intending to make an offer of the Certificates may only do so:

- (i) in those Non-exempt Offer Jurisdictions mentioned in the Paragraph Distribution of Part B below, provided such person is a Dealer or Authorised Offeror (as such terms is defined in the Prospectus) and that such offer is made during the Offer Period specified in that paragraph and that any conditions relevant the use of the Prospectus are complied with; or
- (ii) otherwise in circumstances in which no obligation arises for the Issuer or any Dealer to publish a

prospectus pursuant to Article 3 of Regulation (EU) 2017/1129 (the "**Prospectus Regulation**") or to supplement a prospectus pursuant to Article 23 of the Prospectus Regulation, in each case, in relation to such offer.

Neither the Issuer nor any Dealer has authorised, nor do they authorise, the making of any offer of Certificates in any other circumstances.

MiFID II product governance / Retail investors, professional investors and ECPs target market – Solely for the purposes of the manufacturer's product approval process, the target market assessment in respect of the Certificates has led to the conclusion that: (i) the target market for the Certificates is eligible counterparties, professional clients and retail clients, each as defined in Directive 2014/65/EU (as amended, "MiFID II"); and (ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Certificates to retail clients are appropriate – investment advice, portfolio management, non-advised sales and pure execution services – subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable. Any person subsequently offering, selling or recommending the Certificates (a "distributor") should take into consideration the manufacturer's target market assessment; however, a distributor subject to MiFID II is responsible for undertaking its own target market assessment in respect of the Certificates (by either adopting or refining the manufacturer's target market assessment) and determining appropriate distribution channels, subject to the distributor's suitability and appropriateness obligations under MiFID II, as applicable.

UK MIFIR product governance / Retail investors, professional investors and ECPs target market – Solely for the purposes of the manufacturer's product approval process, the target market assessment in respect of the Certificates has led to the conclusion that: (i) the target market for the Certificates is retail clients, as defined in point (8) of Article 2 of Regulation (EU) No 2017/565 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 ("EUWA"), and eligible counterparties, as defined in the FCA Handbook Conduct of Business Sourcebook ("COBS") and professional clients, as defined in Regulation (EU) No 600/2014 as it forms part of UK domestic law by virtue of the EUWA ("UK MiFIR"); EITHER and (ii) all channels for distribution to eligible counterparties and professional clients are appropriate; and (iii) the following channels for distribution of the Certificates to retail clients are appropriate - investment advice, portfolio management, non-advised sales, and pure execution services, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable. Any person subsequently offering, selling or recommending the Certifiates (a "distributor") should take into consideration the manufacturer's target market assessment; however, a distributor subject to the FCA Handbook Product Intervention and Product Governance Sourcebook (the "UK MiFIR Product Governance Rules") is responsible for undertaking its own target market assessment in respect of the Certificates (by either adopting or refining the manufacturer's target market assessment) and determining appropriate distribution channels, subject to the distributor's suitability and appropriateness obligations under COBS, as applicable.

#### PART A - CONTRACTUAL TERMS

These Final Terms have been prepared for the purpose of Article 8 of Regulation (EU) 2017/1129, as amended, and must be read in conjunction with the base prospectus consisting of separate documents (i.e. (i) the securities note dated 04 August 2022 and its supplement(s) (if any) (the "Securities Note") and (ii) the registration document of ING Bank N.V. (the "Issuer") dated 25 March 2022, and its supplement(s) (if any)) (the "Registration Document" and together with the Securities Note, the "Prospectus")) pertaining to the Issuer's Certificates Programme. Terms used herein shall be deemed to be defined as such for the purposes of the conditions set forth in the General Certificate Conditions and the relevant Product Conditions contained in the

Prospectus which constitutes a base prospectus for the purposes of Regulation (EU) 2017/1129, as amended or superseded (the "**Prospectus Regulation**"). Full information on the Issuer and the offer of the Certificates is only available on the basis of the Prospectus, any supplements thereto and these Final Terms. The Prospectus and any supplements thereto are available for viewing at the Issuer's website (www.ingmarkets.com) and copies may be obtained from ING Bank N.V at Foppingadreef 7, 1102 BD Amsterdam, the Netherlands (E-mail: info@sprinters.nl) and are available for viewing on the websites www.ingmarkets.de, www.ingsprinters.nl and www.ingturbos.fr.

Prospective investors should carefully consider the section "Risk Factors" in the Prospectus.

# GENERAL DESCRIPTION OF THE CERTIFICATES

_	TALL DESCRIPTION OF THE CERTIFICATES	I
1	(a) Series number of the Certificates:	As specified in the table below
	(b) Whether or not the Certificates are to be consolidated and form a single series with the Certificates of an existing series:	l
2	(a) The type of Certificates which may be Index Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or Index Futures Certificates:	Commodity Certificates
	(b) Whether such Certificates are Best Certificates, Limited Certificates, Open Ended Certificates or Fixed Leverage.	Best Certificates (Marketing name: Open End Turbo, Sprinter Best or Turbo Best)
	(c) Whether such Certificates are Long Certificates or Short Certificates:	Short Certificates
3	Number of Certificates being issued:	As specified in the table below
4	Issue Price per Certificate:	As specified in the table below
5	Trade Date:	08 December 2022
6	Issue Date:	12 December 2022
7	"as-if-and-when-issued" trading:	Not Applicable
8	Current Financing Level on the Trade Date:	As specified in the table below
9	Current Spread on the Trade Date:	As specified in the table below
10	Maximum Spread:	As specified in the table below
11	Current Stop Loss Premium Rate on the Trade Date:	As specified in the table below
12	Maximum Premium:	As specified in the table below
13	Minimum Premium:	As specified in the table below
14	Stop Loss Price on the Trade Date:	As specified in the table below

15	Stop Loss Price Rounding:	As specified in the table below
16	Entitlement:	As specified in the table below
17	Financing Level Currency:	As specified in the table below
18	Settlement Currency:	EUR
19	Exercise Time:	12:00 AM Central European Time
20	Cash Settlement Amount:	As specified in the Commodity Certificate Conditions
21	Final Valuation Date:	Not Applicable
22	Valuation Date(s):	Annually, commencing on the date one year after the Issue Date.
23	Applicable Business Day Centre(s) for the purposes of the definition of "Business Day"	Amsterdam

Series Numb er of the Certifi cates	ISIN Code	Number of Certificate s being issued	Issue price per Certifi cate	Current Financi ng Level on the Trade Date	Curre nt Sprea d on the Trade Date	Maxi mum Sprea d	Current Stop Loss Premiu m Rate on the Trade Date	Maxi mum Premi um	Minim um Premi um	Stop Loss Price on the Trade Date	Stop Loss Price Roun ding	Entit lem ent	Finan cing Level Curre ncy
228,96 4	DE000NG5 6DL8	1,000,000	0.03	78.1000 000000	3.5	5.0	7.5	20.0	0.0	78.1000 000000	0.01	0.1	USD
228,96 5	DE000NG5 6DM6	1,000,000	0.05	78.3500 000000	3.5	5.0	7.5	20.0	0.0	78.3500 000000	0.01	0.1	USD
228,96 6	DE000NG5 6DN4	1,000,000	0.07	78.6000 000000	3.5	5.0	7.5	20.0	0.0	78.6000 000000	0.01	0.1	USD
228,96 7	DE000NG5 6DP9	1,000,000	0.1	78.8500 000000	3.5	5.0	7.5	20.0	0.0	78.8500 000000	0.01	0.1	USD
228,96 8	DE000NG5 6DQ7	1,000,000	0.12	79.1000 000000	3.5	5.0	7.5	20.0	0.0	79.1000 000000	0.01	0.1	USD
228,96 9	DE000NG5 6DR5	1,000,000	0.15	79.3500 000000	3.5	5.0	7.5	20.0	0.0	79.3500 000000	0.01	0.1	USD
228,97 0	DE000NG5 6DS3	1,000,000	0.17	79.6000 000000	3.5	5.0	7.5	20.0	0.0	79.6000 000000	0.01	0.1	USD
228,97 1	DE000NG5 6DT1	1,000,000	0.19	79.8500 000000	3.5	5.0	7.5	20.0	0.0	79.8500 000000	0.01	0.1	USD
228,97 2	DE000NG5 6DU9	1,000,000	0.22	80.1000 000000	3.5	5.0	7.5	20.0	0.0	80.1000 000000	0.01	0.1	USD

228,97   DE000NG5   1,000,000   0.24   80.3500   3.5   5.0   7.5   20.0   0.0   80.3500   0.01   0.1	USD
228,97   DE000NG5   1,000,000   0.26   80.6000   3.5   5.0   7.5   20.0   0.0   80.6000   0.01   0.1	USD
228,97   DE000NG5   1,000,000   0.29   80.8500   0.00000   0.31   81.1000   0.00000   0.01   0.1   0.1   0.00000   0.00000   0.01   0.1   0.00000   0.00000   0.00000   0.00000   0.00000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.0000000   0.00000000	USD USD USD USD USD USD USD USD USD
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	USD USD USD USD USD USD USD
DEOUNDGS   1,000,000   0.34   81.3500   0.00000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.0000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.000000   0.000000   0.000000   0.0000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.000000   0.000000   0.000000   0.00000000	USD USD USD USD USD USD USD
DE000NG5   1,000,000   0.36   81.6000   0.50   000000   0.00   0.00000   0.00000   0.00000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.0000000   0.0000000   0.0000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.0000000   0.0000000   0.0000000   0.0000000   0.0000000   0.0000000   0.0000000   0.0000000   0.0000000   0.00000000	USD USD USD USD USD USD
DE000NG5	USD USD USD USD USD
0         6D23         000000	USD USD USD
DE000NG5	USD USD USD
2         6D49         0000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         000000         0.0         000000         0.0	USD
3	USD
4         6D64         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0.0         83.3500         0.01         0.1         0.1         0000000         0.0         83.3500         0.01         0.1         0.0         0.0         0.0         83.3500         0.01         0.1         0.0	
5         6D72         0000000         20.0         000000         0000000           228,98         DE000NG5         1,000,000         0.55         83.6000         3.5         5.0         7.5         20.0         0.0         83.6000         0.01         0.1           228,98         DE000NG5         1,000,000         0.57         83.8500         3.5         5.0         7.5         20.0         0.0         83.8500         0.01         0.1           228,98         DE000NG5         1,000,000         0.6         84.1000         3.5         5.0         7.5         20.0         0.0         84.1000         0.01         0.1           8         6EA9         0000000         0.62         84.3500         3.5         5.0         7.5         20.0         0.0         84.3500         0.01         0.1           228,98         DE000NG5         1,000,000         0.62         84.3500         3.5         5.0         7.5         20.0         0.0         84.3500         0.01         0.1           228,99         DE000NG5         1,000,000         0.65         84.6000         3.5         5.0         7.5         20.0         0.0         84.6000         0.01         0.1 <td>USD</td>	USD
6         6D80         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0.0         83.8500 0.01 0.01 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1
7         6D98         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0000000         0.0         84.1000         0.01         0.1         0.0         0.0         84.1000         0.01         0.1         0.0	USD
8     6EA9     0000000     0000000       228,98     DE000NG5   1,000,000   6EB7     0.62   84.3500   000000     3.5   5.0   7.5   20.0   0.0   84.3500   0.01   0.1   000000       228,99   DE000NG5   1,000,000   0.65   84.6000   0.65   6EC5     84.6000   0.05   000000     3.5   5.0   7.5   20.0   0.0   84.6000   0.01   0.1	USD
9 6EB7 000000 000000 000000 000000 000000 0000	USD
0 6EC5 000000 25.5 000000	USD
228.99 DE000NG5 1,000,000 0.67 84.8500 3.5 5.0 7.5 20.0 0.0 84.8500 0.01 0.1	USD
1 6ED3 000000 0.01 0.01 0.01 0.01	USD
228,99 DE000NG5 1,000,000 0.69 85.1000 3.5 5.0 7.5 20.0 0.0 85.1000 0.01 0.1 2 6EE1	USD
228,99 DE000NG5 1,000,000 0.72 85.3500 3.5 5.0 7.5 20.0 0.0 85.3500 0.01 0.1 3 defer 8	USD
228,99 DE000NG5 1,000,000 0.74 85.6000 3.5 5.0 7.5 20.0 0.0 85.6000 0.01 0.1 4 6EG6	USD
228,99 DE000NG5 1,000,000 0.77 85.8500 3.5 5.0 7.5 20.0 0.0 85.8500 0.01 0.1 5	USD
228,99 DE000NG5 1,000,000 0.79 86.1000 3.5 5.0 7.5 20.0 0.0 86.1000 0.01 0.1 0.1	USD
228,99 DE000NG5 1,000,000 0.81 86.3500 3.5 5.0 7.5 20.0 0.0 86.3500 0.01 0.1 0.1	USD
228,99 DE000NG5 1,000,000 0.84 86.6000 3.5 5.0 7.5 20.0 0.0 86.6000 0.01 0.1 86.6000 0.00000	USD
228,99 DE000NG5 1,000,000 0.86 86.8500 3.5 5.0 7.5 20.0 0.0 86.8500 0.01 0.1 0.1	USD
229,00 DE000NG5 1,000,000 0.88 87.1000 3.5 5.0 7.5 20.0 0.0 87.1000 0.01 0.1 0.1	USD
229,00 DE000NG5 1,000,000 0.91 87.3500 3.5 5.0 7.5 20.0 0.0 87.3500 0.01 0.1 0.1	USD

229,00 2	DE000NG5 6EQ5	1,000,000	0.93	87.6000 000000	3.5	5.0	7.5	20.0	0.0	87.6000 000000	0.01	0.1	USD
229,00 3	DE000NG5 6ER3	1,000,000	0.96	87.8500 000000	3.5	5.0	7.5	20.0	0.0	87.8500 000000	0.01	0.1	USD
229,00 4	DE000NG5 6ES1	1,000,000	0.98	88.1000 000000	3.5	5.0	7.5	20.0	0.0	88.1000 000000	0.01	0.1	USD
229,00 5	DE000NG5 6ET9	1,000,000	1.0	88.3500 000000	3.5	5.0	7.5	20.0	0.0	88.3500 000000	0.01	0.1	USD
229,00 6	DE000NG5 6EU7	1,000,000	1.03	88.6000 000000	3.5	5.0	7.5	20.0	0.0	88.6000 000000	0.01	0.1	USD
229,00 7	DE000NG5 6EV5	1,000,000	1.05	88.8500 000000	3.5	5.0	7.5	20.0	0.0	88.8500 000000	0.01	0.1	USD
229,00 8	DE000NG5 6EW3	1,000,000	1.08	89.1000 000000	3.5	5.0	7.5	20.0	0.0	89.1000 000000	0.01	0.1	USD
229,00 9	DE000NG5 6EX1	500,000	0.11	1773.72 000000 00	3.5	5.0	3.0	20.0	0.0	1773.72 000000 00	0.01	0.1	USD
229,01 0	DE000NG5 6EY9	500,000	0.25	1775.22 000000 00	3.5	5.0	3.0	20.0	0.0	1775.22 000000 00	0.01	0.1	USD
229,01 1	DE000NG5 6EZ6	500,000	0.4	1776.72 000000 00	3.5	5.0	3.0	20.0	0.0	1776.72 000000 00	0.01	0.1	USD
229,01 2	DE000NG5 6E06	500,000	0.54	1778.22 000000 00	3.5	5.0	3.0	20.0	0.0	1778.22 000000 00	0.01	0.1	USD
229,01 3	DE000NG5 6E14	500,000	0.68	1779.72 000000 00	3.5	5.0	3.0	20.0	0.0	1779.72 000000 00	0.01	0.1	USD
229,01 4	DE000NG5 6E22	500,000	0.83	1781.22 000000 00	3.5	5.0	3.0	20.0	0.0	1781.22 000000 00	0.01	0.1	USD
229,01 5	DE000NG5 6E30	500,000	0.97	1782.72 000000 00	3.5	5.0	3.0	20.0	0.0	1782.72 000000 00	0.01	0.1	USD
229,01 6	DE000NG5 6E48	500,000	1.11	1784.22 000000 00	3.5	5.0	3.0	20.0	0.0	1784.22 000000 00	0.01	0.1	USD
229,01 7	DE000NG5 6E55	500,000	1.26	1785.72 000000 00	3.5	5.0	3.0	20.0	0.0	1785.72 000000 00	0.01	0.1	USD
229,01 8	DE000NG5 6E63	500,000	1.4	1787.22 000000 00	3.5	5.0	3.0	20.0	0.0	1787.22 000000 00	0.01	0.1	USD
229,01 9	DE000NG5 6E71	500,000	1.54	1788.72 000000 00	3.5	5.0	3.0	20.0	0.0	1788.72 000000 00	0.01	0.1	USD
229,02	DE000NG5 6E89	500,000	1.68	1790.22 000000 00	3.5	5.0	3.0	20.0	0.0	1790.22 000000 00	0.01	0.1	USD
229,02	DE000NG5 6E97	500,000	1.83	1791.72 000000 00	3.5	5.0	3.0	20.0	0.0	1791.72 000000 00	0.01	0.1	USD
229,02	DE000NG5 6FA6	500,000	1.97	1793.22 000000 00	3.5	5.0	3.0	20.0	0.0	1793.22 000000 00	0.01	0.1	USD
229,02	DE000NG5 6FB4	500,000	2.11	1794.72 000000 00	3.5	5.0	3.0	20.0	0.0	1794.72 000000 00	0.01	0.1	USD

229,02 4	DE000NG5 6FC2	500,000	2.26	1796.22 000000	3.5	5.0	3.0	20.0	0.0	1796.22 000000	0.01	0.1	USD
229,02	DE000NG5	500,000	2.4	1797.72	3.5	5.0	3.0	20.0	0.0	00 1797.72	0.01	0.1	USD
5	6FD0	200,000		000000				20.0	0.0	000000	0.01	0.1	ОЗД
229,02 6	DE000NG5 6FE8	500,000	2.54	1799.22 000000 00	3.5	5.0	3.0	20.0	0.0	1799.22 000000 00	0.01	0.1	USD
229,02 7	DE000NG5 6FF5	500,000	2.69	1800.72 000000 00	3.5	5.0	3.0	20.0	0.0	1800.72 000000 00	0.01	0.1	USD
229,02 8	DE000NG5 6FG3	500,000	2.83	1802.22 000000 00	3.5	5.0	3.0	20.0	0.0	1802.22 000000 00	0.01	0.1	USD
229,02 9	DE000NG5 6FH1	500,000	2.97	1803.72 000000 00	3.5	5.0	3.0	20.0	0.0	1803.72 000000 00	0.01	0.1	USD
229,03 0	DE000NG5 6FJ7	500,000	3.12	1805.22 000000 00	3.5	5.0	3.0	20.0	0.0	1805.22 000000 00	0.01	0.1	USD
229,03 1	DE000NG5 6FK5	500,000	3.26	1806.72 000000 00	3.5	5.0	3.0	20.0	0.0	1806.72 000000 00	0.01	0.1	USD
229,03 2	DE000NG5 6FL3	500,000	3.4	1808.22 000000 00	3.5	5.0	3.0	20.0	0.0	1808.22 000000 00	0.01	0.1	USD
229,03	DE000NG5 6FM1	500,000	3.55	1809.72 000000 00	3.5	5.0	3.0	20.0	0.0	1809.72 000000 00	0.01	0.1	USD
229,03 4	DE000NG5 6FN9	1,000,000	0.36	6.07200 00000	3.5	5.0	10.0	20.0	0.0	6.07200 00000	0.001	1.0	USD
229,03 5	DE000NG5 6FP4	1,000,000	0.55	6.27200 00000	3.5	5.0	10.0	20.0	0.0	6.27200 00000	0.001	1.0	USD
229,03 6	DE000NG5 6FQ2	1,000,000	0.74	6.47200 00000	3.5	5.0	10.0	20.0	0.0	6.47200 00000	0.001	1.0	USD
229,03 7	DE000NG5 6FR0		0.93	6.67200 00000	3.5	5.0	10.0	20.0	0.0	6.67200 00000	0.001	1.0	USD
229,03 8	DE000NG5 6FS8	1,000,000	1.12	6.87200 00000	3.5	5.0	10.0	20.0	0.0	6.87200 00000	0.001	1.0	USD
229,03 9	DE000NG5 6FT6	1,000,000	1.31	7.07200 00000	3.5	5.0	10.0	20.0	0.0	7.07200 00000	0.001	1.0	USD
229,04 0	DE000NG5 6FU4	250,000	0.13	996.870 000000 0	3.5	5.0	5.0	20.0	0.0	996.870 000000 0	0.01	0.01	USD
229,04 1	DE000NG5 6FV2	250,000	0.23	1006.87 000000 00	3.5	5.0	5.0	20.0	0.0	1006.87 000000 00	0.01	0.01	USD
229,04 2	DE000NG5 6FW0	250,000	0.32	1016.87 000000 00	3.5	5.0	5.0	20.0	0.0	1016.87 000000 00	0.01	0.01	USD
229,04	DE000NG5 6FX8	250,000	0.42	1026.87 000000 00	3.5	5.0	5.0	20.0	0.0	1026.87 000000 00	0.01	0.01	USD
229,04 4	DE000NG5 6FY6	250,000	0.51	1036.87 000000 00	3.5	5.0	5.0	20.0	0.0	1036.87 000000 00	0.01	0.01	USD
229,04 5	DE000NG5 6FZ3	250,000	0.61	1046.87 000000 00	3.5	5.0	5.0	20.0	0.0	1046.87 000000 00	0.01	0.01	USD

222 24	DE0003101	<b>-</b> 00 000	0.40	100 5 400			1.0	<del></del>		22.7402			
229,04 6	DE000NG5 6F05	500,000	0.42	22.7483 000000	3.5	5.0	4.0	20.0	0.0	22.7483 000000	0.000 1	1.0	USD
229,04 7	DE000NG5 6F13	500,000	0.61	22.9483 000000	3.5	5.0	4.0	20.0	0.0	22.9483 000000	0.000 1	1.0	USD
229,04 8	DE000NG5 6F21	500,000	0.8	23.1483 000000	3.5	5.0	4.0	20.0	0.0	23.1483 000000	0.000	1.0	USD
229,04 9	DE000NG5 6F39	500,000	0.99	23.3483 000000	3.5	5.0	4.0	20.0	0.0	23.3483 000000	0.000	1.0	USD
229,05 0	DE000NG5 6F47	500,000	13.97	36.9447 000000	3.5	5.0	4.0	20.0	0.0	36.9447 000000	0.000	1.0	USD
229,05 1	DE000NG5 6F54	500,000	14.16	37.1447 000000	3.5	5.0	4.0	20.0	0.0	37.1447 000000	0.000	1.0	USD
229,05 2	DE000NG5 6F62	250,000	0.48	73.3500 000000	3.5	5.0	7.5	20.0	0.0	73.3500 000000	0.01	1.0	USD
229,05 3	DE000NG5 6F70	250,000	0.72	73.6000 000000	3.5	5.0	7.5	20.0	0.0	73.6000 000000	0.01	1.0	USD
229,05 4	DE000NG5 6F88	250,000	0.95	73.8500 000000	3.5	5.0	7.5	20.0	0.0	73.8500 000000	0.01	1.0	USD
229,05 5	DE000NG5 6F96	250,000	1.19	74.1000 000000	3.5	5.0	7.5	20.0	0.0	74.1000 000000	0.01	1.0	USD
229,05 6	DE000NG5 6GA4	250,000	1.43	74.3500 000000	3.5	5.0	7.5	20.0	0.0	74.3500 000000	0.01	1.0	USD
229,05 7	DE000NG5 6GB2	250,000	1.67	74.6000 000000	3.5	5.0	7.5	20.0	0.0	74.6000 000000	0.01	1.0	USD
229,05 8	DE000NG5 6GC0	250,000	1.91	74.8500 000000	3.5	5.0	7.5	20.0	0.0	74.8500 000000	0.01	1.0	USD
229,05 9	DE000NG5 6GD8	250,000	2.15	75.1000 000000	3.5	5.0	7.5	20.0	0.0	75.1000 000000	0.01	1.0	USD
229,06 0	DE000NG5 6GE6	250,000	2.39	75.3500 000000	3.5	5.0	7.5	20.0	0.0	75.3500 000000	0.01	1.0	USD
229,06 1	DE000NG5 6GF3	250,000	2.63	75.6000 000000	3.5	5.0	7.5	20.0	0.0	75.6000 000000	0.01	1.0	USD
229,06 2	DE000NG5 6GG1	250,000	2.86	75.8500 000000	3.5	5.0	7.5	20.0	0.0	75.8500 000000	0.01	1.0	USD
229,06 3	DE000NG5 6GH9	250,000	3.1	76.1000 000000	3.5	5.0	7.5	20.0	0.0	76.1000 000000	0.01	1.0	USD
229,06 4	DE000NG5 6GJ5	250,000	3.34	76.3500 000000	3.5	5.0	7.5	20.0	0.0	76.3500 000000	0.01	1.0	USD
229,06 5	DE000NG5 6GK3	250,000	3.58	76.6000 000000	3.5	5.0	7.5	20.0	0.0	76.6000 000000	0.01	1.0	USD
229,06 6	DE000NG5 6GL1	250,000	3.82	76.8500 000000	3.5	5.0	7.5	20.0	0.0	76.8500 000000	0.01	1.0	USD
229,06 7	DE000NG5 6GM9	250,000	4.06	77.1000 000000	3.5	5.0	7.5	20.0	0.0	77.1000 000000	0.01	1.0	USD
229,06 8	DE000NG5 6GN7	250,000	4.3	77.3500 000000	3.5	5.0	7.5	20.0	0.0	77.3500 000000	0.01	1.0	USD
229,06 9	DE000NG5 6GP2	250,000	4.53	77.6000 000000	3.5	5.0	7.5	20.0	0.0	77.6000 000000	0.01	1.0	USD
229,07 0	DE000NG5 6GQ0	250,000	4.77	77.8500 000000	3.5	5.0	7.5	20.0	0.0	77.8500 000000	0.01	1.0	USD
229,07 1	DE000NG5 6GR8	250,000	5.01	78.1000 000000	3.5	5.0	7.5	20.0	0.0	78.1000 000000	0.01	1.0	USD
229,07 2	DE000NG5 6GS6	250,000	5.25	78.3500 000000	3.5	5.0	7.5	20.0	0.0	78.3500 000000	0.01	1.0	USD
229,07 3	DE000NG5 6GT4	250,000	5.49	78.6000 000000	3.5	5.0	7.5	20.0	0.0	78.6000 000000	0.01	1.0	USD
229,07 4	DE000NG5 6GU2	250,000	5.73	78.8500 000000	3.5	5.0	7.5	20.0	0.0	78.8500 000000	0.01	1.0	USD

229,07	DE000NG5	250,000	5.97	79.1000	3.5	5.0	7.5	20.0	0.0	79.1000	0.01	1.0	LICD
5	6GV0	230,000	3.97	000000	3.3	3.0	7.3	20.0	0.0	000000	0.01	1.0	USD
229,07 6	DE000NG5 6GW8	250,000	6.2	79.3500 000000	3.5	5.0	7.5	20.0	0.0	79.3500 000000	0.01	1.0	USD
229,07 7	DE000NG5 6GX6	250,000	6.44	79.6000 000000	3.5	5.0	7.5	20.0	0.0	79.6000 000000	0.01	1.0	USD
229,07 8	DE000NG5 6GY4	250,000	6.68	79.8500 000000	3.5	5.0	7.5	20.0	0.0	79.8500 000000	0.01	1.0	USD
229,07 9	DE000NG5 6GZ1	250,000	6.92	80.1000 000000	3.5	5.0	7.5	20.0	0.0	80.1000 000000	0.01	1.0	USD
229,08 0	DE000NG5 6G04	250,000	7.16	80.3500 000000	3.5	5.0	7.5	20.0	0.0	80.3500 000000	0.01	1.0	USD
229,08 1	DE000NG5 6G12	250,000	7.4	80.6000 000000	3.5	5.0	7.5	20.0	0.0	80.6000 000000	0.01	1.0	USD
229,08 2	DE000NG5 6G20	250,000	7.64	80.8500 000000	3.5	5.0	7.5	20.0	0.0	80.8500 000000	0.01	1.0	USD
229,08 3	DE000NG5 6G38	250,000	7.88	81.1000 000000	3.5	5.0	7.5	20.0	0.0	81.1000 000000	0.01	1.0	USD
229,08 4	DE000NG5 6G46	250,000	8.11	81.3500 000000	3.5	5.0	7.5	20.0	0.0	81.3500 000000	0.01	1.0	USD
229,08 5	DE000NG5 6G53	250,000	8.35	81.6000 000000	3.5	5.0	7.5	20.0	0.0	81.6000 000000	0.01	1.0	USD
229,08 6	DE000NG5 6G61	250,000	8.59	81.8500 000000	3.5	5.0	7.5	20.0	0.0	81.8500 000000	0.01	1.0	USD
229,08 7	DE000NG5 6G79	250,000	8.83	82.1000 000000	3.5	5.0	7.5	20.0	0.0	82.1000 000000	0.01	1.0	USD
229,08 8	DE000NG5 6G87	250,000	9.07	82.3500 000000	3.5	5.0	7.5	20.0	0.0	82.3500 000000	0.01	1.0	USD
229,08 9	DE000NG5 6G95	250,000	9.31	82.6000 000000	3.5	5.0	7.5	20.0	0.0	82.6000 000000	0.01	1.0	USD
229,09 0	DE000NG5 6HA2	250,000	9.55	82.8500 000000	3.5	5.0	7.5	20.0	0.0	82.8500 000000	0.01	1.0	USD
229,09 1	DE000NG5 6HB0	250,000	9.78	83.1000 000000	3.5	5.0	7.5	20.0	0.0	83.1000 000000	0.01	1.0	USD

# ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

24	Index Certificate Provisions	Not Applicable	
25	Share Certificate Provisions	Not Applicable	
26	Currency Certificate Provisions	Not Applicable	
27	Commodity Certificate Provisions	Applicable	

Series	ISIN	(i)	(ii)	(iii) Price	(iv)	(v)	(vi) Rollover	(vii)	(viii)
Numb	Code	Commodi	Commo	Source/	Speci	Delivery	Date	Exchang	Valuation
er of		ty	dity	Reference	fied	Dates		е	Time
the			Referen	Dealers	Price				
Certifi			ce Price						
cates									
228,96	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
4	G56DL8	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading

	1		1						
				code: COG3	spot	e.		е	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
228,96		Brent	Oil-Brent			Not	Not	Not	The close
5	G56DM6	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: COG3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.	<u> </u>				
228,96	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
6	G56DN4	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: COG3	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					Ü
				Rollover Date					
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229,00	DE000N G56EP7	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COG3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,00	DE000N G56EQ5	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: COG3 <cmdty> and</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

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229,00	DE000N	Brent		Initially		Not	Not	Not	The close
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229,00	DE000N G56EW3	Brent Crude Oil	Oil-Brent -ICE		The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,00 9	DE000N G56EX1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01 0	DE000N G56EY9	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01	DE000N G56EZ6	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01	DE000N G56E06	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01	DE000N G56E14	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01 4	DE000N G56E22	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01 5	DE000N G56E30	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01 6	DE000N G56E48	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

				<crncy>)</crncy>					
229,01 7	DE000N G56E55	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01 8	DE000N G56E63	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,01 9	DE000N G56E71	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02	DE000N G56E89	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02	DE000N G56E97	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02	DE000N G56FA6	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02	DE000N G56FB4	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02 4	DE000N G56FC2	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02	DE000N G56FD0	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02	DE000N G56FE8	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg	The spot	Not Applicabl	Not Applicable.	Not Applicabl	The close of trading on the

				code: XAU	price	le.		le	Exchange
				<crncy>)</crncy>	1				8
229,02	DE000N G56FF5	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02 8	DE000N G56FG3	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,02 9	DE000N G56FH1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,03 0	DE000N G56FJ7	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,03	DE000N G56FK5	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,03	DE000N G56FL3	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,03	DE000N G56FM1	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,03 4	DE000N G56FN9	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGF23 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.		Not Applicabl e	The close of trading on the Exchange
229,03 5	DE000N G56FP4	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGF23	The spot	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

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				<cmdty> and after the first</cmdty>	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,03	DE000N	Natural	Natural	Initially		Not	Not	Not	The close
6	G56FQ2	Gas	Gas-NY	Bloomberg	The	1	Applicable.	Applicabl	of trading
	0301 Q2	Gas	MEX	code: NGF23	spot	e.	Applicable.	e	on the
			WILK	<cmdty> and</cmdty>	price	[6.			Exchange
				after the first	F				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,03	DE000N	Natural	Natural	Initially		Not	Not	Not	The close
7	G56FR0	Gas	Gas-NY	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			MEX	code: NGF23	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
229,03	DE000N	Natural	Natural	Initially		Not	Not	Not	The close
8	G56FS8	Gas	Gas-NY	Bloomberg	The	Applicabl		Applicabl	of trading
	GSOFS	Gas	MEX	code: NGF23	spot	e.	Applicable.	e	on the
			WILX	<cmdty> and</cmdty>	price	[e.			Exchange
				after the first	1				Enemange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,03	DE000N	Natural	Natural	Initially	TD1	Not	Not	Not	The close
9	G56FT6	Gas	Gas-NY	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			MEX	code: NGF23	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,04	DE000N	Platinum	Platinum-	PLATINUM		Not	Not	Not	The close
0	G56FU4		Spot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
			1 **	(Bloomberg	spot	e.	Tippiiouoie.	e	on the
				code: XPT	price				Exchange
				<crncy>)</crncy>					
<u></u>	<u> </u>		<u> </u>		<u>L</u>	<u> </u>		<u>L</u>	
229,04		Platinum	Platinum-	PLATINUM		Not	Not	Not	The close
l 1	G56FV2		Spot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
			1						

				(Bloomberg code: XPT <crncy>)</crncy>	spot price	e.		e	on the Exchange
229,04	DE000N G56FW0	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,04	DE000N G56FX8	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,04 4	DE000N G56FY6	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,04	DE000N G56FZ3	Platinum	Platinum- Spot	PLATINUM SPOT \$/OZ (Bloomberg code: XPT <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,04 6	DE000N G56F05	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
	DE000N G56F13	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,04	DE000N G56F21	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,04	DE000N G56F39	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,05	DE000N G56F47	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

229,05	G56F54	Silver	Silver-Sp ot	SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,05	DE000N G56F62	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.		The close of trading on the Exchange
229,05	DE000N G56F70	WTI Crude Oil	-NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	е.	Not Applicable.	e	The close of trading on the Exchange
229,05	DE000N G56F88	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,05 5	DE000N G56F96	WTI Crude Oil	-NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,05 6	DE000N G56GA4	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange

				Contract.					
229,05	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
7	G56GB2	Crude Oil	-NYME X	Bloomberg code: CLF3	The spot	Applicabl e.	Applicable.	Applicabl e	of trading on the
				<cmdty> and after the first Rollover Date the Bloomberg</cmdty>	price				Exchange
				page referring to the relevant Futures Contract.					
229,05	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
8	G56GC0	Crude Oil	-NYME X	Bloomberg code: CLF3 <cmdty> and</cmdty>	The spot price		Applicable.	Applicabl e	of trading on the Exchange
				after the first Rollover Date the Bloomberg page referring	price				Exchange
				to the relevant Futures Contract.					
229,05	DE000N	WTI		Initially	TI	Not	Not	Not	The close
9	G56GD8	Crude Oil	-NYME X	Bloomberg code: CLF3	The spot		Applicable.	Applicabl	of trading on the
			A	<cmdty> and</cmdty>	price	e.		е	Exchange
				after the first	Pillor				Lachunge
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
229,06	DE000N	WTI		Initially	Tri .	Not	Not	Not	The close
0	G56GE6	Crude Oil	-NYME X	Bloomberg code: CLF3	The spot	_	Applicable.	Applicabl	of trading on the
			Λ	<cmdty> and</cmdty>	price	e.			Exchange
				after the first	1				8
				Rollover Date					
				the Bloomberg page referring					
				to the relevant					
				Futures					
229,06	DE000N	WTI	OIL-WTI	Contract. Initially		Not	Not	Not	The close
1	G56GF3	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.	1 ippiiouoie.	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures Contract.					
229,06	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
2	G56GG1	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange

				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
220.06	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
			-NYME		Tl			1	
3	G56GH9	Crude Oil		Bloomberg	The		Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,06	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
4	G56GJ5	Crude Oil	-NYME	Bloomberg	The				of trading
'	020012	Crude OII	X	code: CLF3	spot		Applicable.	e	on the
			^	<cmdty> and</cmdty>	-	e.		e	
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,06	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
5	G56GK3	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first	1				8
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
220.06	DEGGOVI	WTI	OII WIT	Contract.	<u> </u>	NI - 4	NI-4	NI-4	Th 1
229,06		WTI	OIL-WTI	Initially		Not	Not	Not	The close
6	G56GL1	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,06	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
7	G56GM9	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
[	SJUGIVI)	Si uuc Oii	X	code: CLF3	spot		Applicable.	e	on the
			A	<cmdty> and</cmdty>	price	e.			Exchange
				after the first	Price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
	I	I	Ī	to the relevant	I			Ī	1

				Futures					
				Contract.					
229,06 8	G56GN7	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,06	G56GP2	WTI Crude Oil	-NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,07	DE000N G56GQ0	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,07	G56GR8	WTI Crude Oil	-NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	e.	Not Applicable.	е	The close of trading on the Exchange
229,07	DE000N G56GS6	WTI Crude Oil	-NYME X	Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
229,07	DE000N G56GT4	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLF3	The spot	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

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				<cmdty> and after the first</cmdty>	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,07	DE000N	WTI	OIL-WTI			Not	Not	Not	The close
4	G56GU2	Crude Oil	-NYME	Bloomberg	The		Applicable.	Applicabl	of trading
	500002		X	code: CLF3	spot	e.	rippiiouoie.	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
220.07	DEGGGT	WE	OH WES	Contract.		NI.	NI. 4	NL	TPL 1
229,07		WTI	OIL-WTI		Tl	Not	Not	Not	The close
5	G56GV0	Crude Oil	-NYME	Bloomberg code: CLF3	The		Applicable.	Applicabl	of trading on the
			X	<cmdty> and</cmdty>	spot	e.		e	
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,07	DE000N	WTI		Initially		Not	Not	Not	The close
6	G56GW8	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
		I		Rollover Date the Bloomberg		I			
		1		LIDE BLOOMBERG					
				page referring					
				page referring to the relevant					
				page referring to the relevant Futures					
229 07	DE000N	WTI	OII -WTI	page referring to the relevant Futures Contract.		Not	Not	Not	The close
229,07 7	DE000N G56GX6	WTI Crude Oil	OIL-WTI -NYME	page referring to the relevant Futures Contract.	The	Not Applicabl	Not Applicable	Not Applicabl	The close of trading
	DE000N G56GX6	WTI Crude Oil	-NYME	page referring to the relevant Futures Contract. Initially Bloomberg	The spot	Applicabl	Not Applicable.	Applicabl	The close of trading on the
				page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3	spot				of trading on the
			-NYME	page referring to the relevant Futures Contract. Initially Bloomberg		Applicabl		Applicabl	of trading
			-NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and</cmdty>	spot	Applicabl		Applicabl	of trading on the
			-NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first</cmdty>	spot	Applicabl		Applicabl	of trading on the
			-NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date</cmdty>	spot	Applicabl		Applicabl	of trading on the
			-NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant</cmdty>	spot	Applicabl		Applicabl	of trading on the
			-NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures</cmdty>	spot	Applicabl		Applicabl	of trading on the
7	G56GX6	Crude Oil	-NYME X	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	spot	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
229,07	G56GX6  DE000N	Crude Oil	-NYME X	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially</cmdty>	spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
7	G56GX6	Crude Oil	-NYME X OIL-WTI -NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg</cmdty>	spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange  The close of trading
229,07	G56GX6  DE000N	Crude Oil	-NYME X	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3</cmdty>	spot price  The spot	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange  The close of trading on the
229,07	G56GX6  DE000N	Crude Oil	-NYME X OIL-WTI -NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and</cmdty></cmdty>	spot price	Applicabl e.  Not Applicabl	Applicable.	Applicabl e  Not Applicabl	of trading on the Exchange  The close of trading
229,07	G56GX6  DE000N	Crude Oil	-NYME X OIL-WTI -NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first</cmdty></cmdty>	spot price  The spot	Applicabl e.  Not Applicabl	Applicable.	Applicabl e  Not Applicabl	of trading on the Exchange  The close of trading on the
229,07	G56GX6  DE000N	Crude Oil	-NYME X OIL-WTI -NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date</cmdty></cmdty>	spot price  The spot	Applicabl e.  Not Applicabl	Applicable.	Applicabl e  Not Applicabl	of trading on the Exchange  The close of trading on the
229,07	G56GX6  DE000N	Crude Oil	-NYME X OIL-WTI -NYME	page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first</cmdty></cmdty>	spot price  The spot	Applicabl e.  Not Applicabl	Applicable.	Applicabl e  Not Applicabl	of trading on the Exchange  The close of trading on the

		i		to the relevant	Ī			1	
				Futures					
				Contract.					
229,07	DE000N	WTI	OIL-WTI			Not	Not	Not	The close
9	G56GZ1	Crude Oil	-NYME	Bloomberg	The		Applicable.		of trading
	GJUGZI		X	code: CLF3	spot	e.	търнешоте.	e	on the
			11	<cmdty> and</cmdty>	price	[.			Exchange
				after the first					Z.reminge
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,08	DE000N	WTI	OIL-WTI			Not	Not	Not	The close
0	G56G04	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
229 08	DE000N	WTI	OIL-WTI			Not	Not	Not	The close
1	G56G12	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.		of trading
1	030012	Crude on	X	code: CLF3	spot	e.	Applicable.	e	on the
			11	<cmdty> and</cmdty>	price	[.			Exchange
				after the first	1				Ziiviimigo
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
		WTI	OIL-WTI		TO I	Not	Not		The close
2	G56G20	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.		of trading
			X	code: CLF3	spot	e.		е	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,08	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
3	G56G38	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
220.00	DECOON	WTI	OII WITT	Contract.	<u> </u>	Not	Not	Not	The close
229,08 4	DE000N G56G46	Crude Oil	OIL-WTI -NYME	Initially Bloomberg	The	Not Applicabl		Applicabl	of trading
	030040	Crude Oil	-14 1 1/117	Diodinoeig	1110	гаррисави	Applicable.	Applicaul	or trading

			X	code: CLF3	spot	e.		e	on the
				2O 1: 1					۱
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,08	DE000N	WTI	OIL-WTI			Not	Not	Not	The close
5	G56G53	Crude Oil	-NYME	Bloomberg	The			1	of trading
3	G36G33	Crude Oil		code: CLF3			Applicable.		on the
			X		spot	e.		e	
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,08	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
6			-NYME	Bloomberg	The			1	of trading
O	G56G61	Crude Oil					Applicable.		
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,08	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
7	G56G79	Crude Oil	-NYME	Bloomberg	The			1	of trading
,	030079	Crude On		code: CLF3			Applicable.		on the
			X		spot	e.		e	
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,08	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
8	G56G87	Crude Oil	-NYME	Bloomberg	The	Applicabl		Applicabl	of trading
	02000/	Crude OII	X	code: CLF3	spot		Applicable.		on the
			Λ		-	e.		е	
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
229 08	DE000N	WTI	OII -WTI		<del> </del>	Not	Not	Not	The close
-					The				
7	G50G53	Crude Oil					Applicable.		
			X		_	e.		e	
					price				Exchange
				Rollover Date					
				the Bloomberg	<u> </u>				
229,08 9	DE000N G56G95	WTI Crude Oil	OIL-WTI -NYME X	Contract. Initially Bloomberg code: CLF3 <cmdty> and after the first</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	of trad on the

				page referring					
				to the relevant					
				Futures					
				Contract.					
229,09	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
0	G56HA2	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.	1 Ippiioueio.	e	on the
				<cmdty> and</cmdty>	price	-			Exchange
				after the first	1				
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
229,09	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
1	G56HB0	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLF3	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
28	Fund Corti	ficate Provi	cione		Not An	nlicable			

28	Fund Certificate Provisions	Not Applicable	
29	Government Bond Certificate Provisions	Not Applicable	
	GOVERNMENT BOILD COLUMN 21 TO VISIONS	Two Tippineusie	
30	Other Bond Certificate Provisions	Not Applicable	
			_
31	Index Futures Certificate Provisions	Not Applicable	

Signed on behalf of the Issuer:
By:
Duly authorised
By:
Duly authorised

#### PART B - OTHER INFORMATION

#### 1 LISTING

(i)	Listing:	The Freiverkehr section of the Frankfurt Stock Exchange
(ii)	Admission to trading:	Application is expected to be made by the Issuer (or on its behalf) for the Certificates to be admitted to trading on The Freiverkehr section of the Frankfurt Stock Exchange
(iii)	Estimate of total expenses related to admission to trading:	EUR 500

#### 2 RATINGS

Ratings: The Certificates to be issued will not be rated
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## 3 INTERESTS OF NATURAL AND LEGAL PERSONS INVOLVED IN THE ISSUE

Save for any fees payable to the Dealers, so far as the Issuer is aware, no person involved in the offer of the Certificates has an interest material to the offer. The Dealers and their affiliates have engaged, and may in the future engage, in investment banking and/or commercial banking transactions with, and may perform other services for, the Issuer and its affiliates in the ordinary course of business.

## 4 REASONS FOR THE OFFER, ESTIMATED NET PROCEEDS AND TOTAL EXPENSES

(i) Reasons for the offer	See "Use of Proceeds" wording in Base Prospectus
(ii) Estimated total expenses	The terms of the Public Offer do not provide for any
	expenses and/or taxes to be charged to any purchaser
	of the Certificates

### 5 INFORMATION CONCERNING THE UNDERLYING

Underlying	Information on the underlying can be obtained from the below specified source.
WTI Crude Oil	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: CL1 <cmdty>)</cmdty>
Gold	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the

	Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XAU <crncy>)</crncy>
Brent Crude Oil	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: CO1 <cmdty>)</cmdty>
Silver	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XAG <crncy>)</crncy>
Natural Gas	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: NG1 <cmdty>)</cmdty>
Platinum	The return on the Certificates is linked to the performance of the underlying Commodity. The price of the Commodity may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Commodity will affect the value of the Certificates. Information and details of the past and future performance of the Commodity and its volatility can be obtained from Bloomberg (Bloomberg code: XPT <crncy>)</crncy>

## 6 POST-ISSUANCE INFORMATION

Post-issuance information will be made available on the website of the Issuer www.ingmarkets.de, www.ingsprinters.nl, www.ingturbo.fr or any succesor website. There is no assurance that the Issuer will continue to provide such information for the life of the Certificates.

## 7 OPERATIONAL INFORMATION

(i)ISIN Code	(ii) Common Code	(iii) Other relevant code
DE000NG56DL8	Not Applicable	NG56DL
DE000NG56DM6	Not Applicable	NG56DM
DE000NG56DN4	Not Applicable	NG56DN
DE000NG56DP9	Not Applicable	NG56DP
DE000NG56DQ7	Not Applicable	NG56DQ
DE000NG56DR5	Not Applicable	NG56DR

DE000NG56DS3	Not Applicable	NC56DS
DE000NG56DT1	Not Applicable	NG56DS
DE000NG56DU9	Not Applicable	NG56DT
DE000NG56DV7	Not Applicable	NG56DU
DE000NG56DW5	Not Applicable	NG56DV NG56DW
DE000NG56DX3	Not Applicable	
DE000NG56DY1	**	NG56DX
DE000NG56DZ8	Not Applicable  Not Applicable	NG56DY
DE000NG56D07	Not Applicable  Not Applicable	NG56DZ
DE000NG56D15	**	NG56D0
DE000NG56D23	Not Applicable	NG56D1
DE000NG56D31	Not Applicable	NG56D2
DE000NG56D49	Not Applicable	NG56D3
	Not Applicable	NG56D4
DE000NG56D56	Not Applicable	NG56D5
DE000NG56D64	Not Applicable	NG56D6
DE000NG56D72	Not Applicable	NG56D7
DE000NG56D80	Not Applicable	NG56D8
DE000NG56D98	Not Applicable	NG56D9
DE000NG56EA9	Not Applicable	NG56EA
DE000NG56EB7	Not Applicable	NG56EB
DE000NG56EC5	Not Applicable	NG56EC
DE000NG56ED3	Not Applicable	NG56ED
DE000NG56EE1	Not Applicable	NG56EE
DE000NG56EF8	Not Applicable	NG56EF
DE000NG56EG6	Not Applicable	NG56EG
DE000NG56EH4	Not Applicable	NG56EH
DE000NG56EJ0	Not Applicable	NG56EJ
DE000NG56EK8	Not Applicable	NG56EK
DE000NG56EL6	Not Applicable	NG56EL
DE000NG56EM4	Not Applicable	NG56EM
DE000NG56EN2	Not Applicable	NG56EN
DE000NG56EP7	Not Applicable	NG56EP
DE000NG56EQ5	Not Applicable	NG56EQ
DE000NG56ER3	Not Applicable	NG56ER
DE000NG56ES1	Not Applicable	NG56ES
DE000NG56ET9	Not Applicable	NG56ET
DE000NG56EU7	Not Applicable	NG56EU
DE000NG56EV5	Not Applicable	NG56EV
DE000NG56EW3	Not Applicable	NG56EW
DE000NG56EX1	Not Applicable	NG56EX
DE000NG56EY9	Not Applicable	NG56EY
DE000NG56EZ6	Not Applicable	NG56EZ
DE000NG56E06	Not Applicable	NG56E0
DE000NG56E14	Not Applicable	NG56E1
DE000NG56E22	Not Applicable	NG56E2
DE000NG56E30	Not Applicable	NG56E3
DE000NG56E48	Not Applicable	NG56E4
DE000NG56E55	Not Applicable	NG56E5
DE000NG56E63	Not Applicable	NG56E6
DE000NG56E71	Not Applicable	NG56E7
DE000NG56E89	Not Applicable	NG56E8
DE000NG56E97	Not Applicable	NG56E9
	11	1100000

DE000NG56FA6	Not Applicable	NOSCEA
DE000NG56FB4	Not Applicable  Not Applicable	NG56FA
DE000NG56FC2	Not Applicable	NG56FB
DE000NG56FD0	Not Applicable	NG56FC
DE000NG56FE8	Not Applicable	NG56FD
DE000NG56FF5	Not Applicable	NG56FE
DE000NG56FG3	* *	NG56FF
DE000NG56FH1	Not Applicable  Not Applicable	NG56FG
DE000NG56FJ7	Not Applicable  Not Applicable	NG56FH
DE000NG56FK5	* *	NG56FJ
DE000NG56FL3	Not Applicable	NG56FK
DE000NG56FM1	Not Applicable	NG56FL
DE000NG56FN9	Not Applicable	NG56FM
	Not Applicable	NG56FN
DE000NG56FP4	Not Applicable	NG56FP
DE000NG56FQ2	Not Applicable	NG56FQ
DE000NG56FR0	Not Applicable	NG56FR
DE000NG56FS8	Not Applicable	NG56FS
DE000NG56FT6	Not Applicable	NG56FT
DE000NG56FU4	Not Applicable	NG56FU
DE000NG56FV2	Not Applicable	NG56FV
DE000NG56FW0	Not Applicable	NG56FW
DE000NG56FX8	Not Applicable	NG56FX
DE000NG56FY6	Not Applicable	NG56FY
DE000NG56FZ3	Not Applicable	NG56FZ
DE000NG56F05	Not Applicable	NG56F0
DE000NG56F13	Not Applicable	NG56F1
DE000NG56F21	Not Applicable	NG56F2
DE000NG56F39	Not Applicable	NG56F3
DE000NG56F47	Not Applicable	NG56F4
DE000NG56F54	Not Applicable	NG56F5
DE000NG56F62	Not Applicable	NG56F6
DE000NG56F70	Not Applicable	NG56F7
DE000NG56F88	Not Applicable	NG56F8
DE000NG56F96	Not Applicable	NG56F9
DE000NG56GA4	Not Applicable	NG56GA
DE000NG56GB2	Not Applicable	NG56GB
DE000NG56GC0	Not Applicable	NG56GC
DE000NG56GD8	Not Applicable	NG56GD
DE000NG56GE6	Not Applicable	NG56GE
DE000NG56GF3	Not Applicable	NG56GF
DE000NG56GG1	Not Applicable	NG56GG
DE000NG56GH9	Not Applicable	NG56GH
DE000NG56GJ5	Not Applicable	NG56GJ
DE000NG56GK3	Not Applicable	NG56GK
DE000NG56GL1	Not Applicable	NG56GL
DE000NG56GM9	Not Applicable	NG56GM
DE000NG56GN7	Not Applicable	NG56GN
DE000NG56GP2	Not Applicable	NG56GP
DE000NG56GQ0	Not Applicable	NG56GQ
DE000NG56GR8	Not Applicable	NG56GR
DE000NG56GS6	Not Applicable	NG56GS
DE000NG56GT4	Not Applicable	NG56GT
1		

DE000NG56GU2	Not Applicable	NG56GU
DE000NG56GV0	Not Applicable	NG56GV
DE000NG56GW8	Not Applicable	NG56GW
DE000NG56GX6	Not Applicable	NG56GX
DE000NG56GY4	Not Applicable	NG56GY
DE000NG56GZ1	Not Applicable	NG56GZ
DE000NG56G04	Not Applicable	NG56G0
DE000NG56G12	Not Applicable	NG56G1
DE000NG56G20	Not Applicable	NG56G2
DE000NG56G38	Not Applicable	NG56G3
DE000NG56G46	Not Applicable	NG56G4
DE000NG56G53	Not Applicable	NG56G5
DE000NG56G61	Not Applicable	NG56G6
DE000NG56G79	Not Applicable	NG56G7
DE000NG56G87	Not Applicable	NG56G8
DE000NG56G95	Not Applicable	NG56G9
DE000NG56HA2	Not Applicable	NG56HA
DE000NG56HB0	Not Applicable	NG56HB

(iv) Name of the Principal Certificate Agent	ING Bank N.V.
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# 8 DISTRIBUTION

(i)	Details of any clearing system other than Euroclear Netherlands:	Clearstream Banking AG, Eschborn
	(a) details of the appropriate clearing code/number:	Not Applicable
	(b) further details regarding the form of Certificates	European Certificates
(ii)	Non-exempt offer:	An offer of Certificates may be made by the Issuer other than pursuant to Article 3(2) of the Prospectus Regulation in Germany, France, the Netherlands, Belgium, Spain and Italy (each a "Public Offer Jurisdiction" and together the "Public Offer Jurisdictions").
(iii)	Prohibition of Sales to EEA Retail Investors:	Not Applicable
(iv) Prohibition of Sales to UK Retail Investors:		Not Applicable
(v) I	Prohibition of Sales to Belgian Consumers:	Not Applicable

# 9 GENERAL

Conditions to which the offer is subject:	There is no subscription period and the offer of
	Certificates is not subject to any conditions imposed by
	the Issuer.

## **ANNEX**

ISSUE SPECIFIC SUMMARY OF THE CERTIFICATES AND THE KEY INFORMATION DOCUMENT ARE AVAILABLE ON THE WEBITES OF THE ISSUER WWW.INGMARKETS.DE, WWW.INGSPRINTERS.NL AND WWW.INGTURBOS.FR