# 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
447,709	NB19QX	DE000NB19QX4	150,000	ING Short Commodity Open End Turbo Certificate
447,710	NB19QY	DE000NB19QY2	150,000	ING Short Commodity Open End Turbo Certificate
447,711	NB19QZ	DE000NB19QZ9	150,000	ING Short Commodity Open End Turbo Certificate
447,712	NB19Q0	DE000NB19Q03	150,000	ING Short Commodity Open End Turbo Certificate
447,713	NB19Q1	DE000NB19Q11	150,000	ING Short Commodity Open End Turbo Certificate
447,714	NB19Q2	DE000NB19Q29	150,000	ING Short Commodity Open End Turbo Certificate
447,715	NB19Q3	DE000NB19Q37	150,000	ING Short Commodity Open End Turbo Certificate
447,716	NB19Q4	DE000NB19Q45	150,000	ING Short Commodity Open End Turbo Certificate
447,717	NB19Q5	DE000NB19Q52	150,000	ING Short Commodity Open End Turbo Certificate
447,718	NB19Q6	DE000NB19Q60	150,000	ING Short Commodity Open End Turbo Certificate
447,719	NB19Q7	DE000NB19Q78	150,000	ING Short Commodity Open End Turbo Certificate
447,720	NB19Q8	DE000NB19Q86	150,000	ING Short Commodity Open End Turbo Certificate
447,721	NB19Q9	DE000NB19Q94	150,000	ING Short Commodity Open End Turbo Certificate
447,722	NB19RA	DE000NB19RA0	150,000	ING Short Commodity Open End Turbo Certificate
447,723	NB19RB	DE000NB19RB8	150,000	ING Short Commodity Open End Turbo Certificate
447,724	NB19RC	DE000NB19RC6	150,000	ING Short Commodity Open End Turbo Certificate
447,725	NB19RD	DE000NB19RD4	150,000	ING Short Commodity Open End Turbo Certificate
447,726	NB19RE	DE000NB19RE2	150,000	ING Short Commodity Open End Turbo Certificate
447,727	NB19RF	DE000NB19RF9	150,000	ING Short Commodity Open End Turbo Certificate
447,728	NB19RG	DE000NB19RG7	150,000	ING Short Commodity Open End Turbo Certificate
447,729	NB19RH	DE000NB19RH5	150,000	ING Short Commodity Open End Turbo Certificate
447,730	NB19RJ	DE000NB19RJ1	500,000	ING Short Commodity Open End Turbo Certificate
447,731	NB19RK	DE000NB19RK9	500,000	ING Short Commodity Open End Turbo

				Certificate
447,732	NB19RL	DE000NB19RL7	500,000	ING Short Commodity Open End Turbo
				Certificate
447,733	NB19RM	DE000NB19RM5	500,000	ING Short Commodity Open End Turbo
				Certificate
447,734	NB19RN	DE000NB19RN3	500,000	ING Short Commodity Open End Turbo
				Certificate
447,735	NB19RP	DE000NB19RP8	500,000	ING Short Commodity Open End Turbo
				Certificate
447,736	NB19RQ	DE000NB19RQ6	500,000	ING Short Commodity Open End Turbo
,				Certificate
447,737	NB19RR	DE000NB19RR4	500,000	ING Short Commodity Open End Turbo
-				Certificate
447,738	NB19RS	DE000NB19RS2	500,000	ING Short Commodity Open End Turbo
,				Certificate
447,739	NB19RT	DE000NB19RT0	500,000	ING Short Commodity Open End Turbo
. ,				Certificate
447,740	NB19RU	DE000NB19RU8	500,000	ING Short Commodity Open End Turbo
, ,				Certificate
447,741	NB19RV	DE000NB19RV6	500,000	ING Short Commodity Open End Turbo
, , ,			300,000	Certificate
447,742	NB19RW	DE000NB19RW4	500,000	ING Short Commodity Open End Turbo
117,712			300,000	Certificate
447,743	NB19RX	DE000NB19RX2	500,000	ING Short Commodity Open End Turbo
77,773	NBISICI	DECOUNTRICIE	300,000	Certificate Commonly Open End Turbo
447,744	NB19RY	DE000NB19RY0	500,000	ING Short Commodity Open End Turbo
447,744	NBISKI	DECOUNDING	300,000	Certificate
447,745	NB19RZ	DE000NB19RZ7	500,000	ING Short Commodity Open End Turbo
447,743	NBIJNE	DE0001\D17\CZ/	300,000	Certificate
447,746	NB19R0	DE000NB19R02	500,000	ING Short Commodity Open End Turbo
447,740	NBIJKO	DE000ND19K02	300,000	Certificate
447,747	NB19R1	DE000NB19R10	500,000	ING Short Commodity Open End Turbo
44/,/4/	NDIJKI	DEGOGNETAKIO	300,000	Certificate
117 719	NB19R2	DE000NB19R28	500,000	ING Short Commodity Open End Turbo
447,748	ND19R2	DE000NB19K28	300,000	Certificate
447,749	NB19R3	DE000NB19R36	500,000	ING Short Commodity Open End Turbo
447,749	NDIAKS	DEGOGNOTARSO	300,000	Certificate Commodity Open End Turbo
447.750	NB19R4	DE000NB19R44	500,000	ING Short Commodity Open End Turbo
447,750	ND13K4	DE000ND13K44	300,000	Certificate Commodity Open End Turbo
447.751	NB19R5	DE000NB19R51	500,000	· ·
447,751	NDIAKS	DEGOONDIAKSI	500,000	ING Short Commodity Open End Turbo
447.752	NB19R6	DE000NB19R69	500,000	Certificate
447,752	ND19K0	DEUUUND19K09	500,000	ING Short Commodity Open End Turbo
447.753	ND10D7	DE000ND10D77	500,000	Certificate
447,753	NB19R7	DE000NB19R77	500,000	ING Short Commodity Open End Turbo
	NID10D0	DE00031D10D05		Certificate
447,754	NB19R8	DE000NB19R85	500,000	ING Short Commodity Open End Turbo
	ND10D0	DE000MD10D02		Certificate
447,755	NB19R9	DE000NB19R93	500,000	ING Short Commodity Open End Turbo
445 = 5 3	NID 10C 4	DE00031D10040	700.000	Certificate
447,756	NB19SA	DE000NB19SA8	500,000	ING Short Commodity Open End Turbo
	115405=	DEGG 33 TO 1 2 TO 1	1-24	Certificate
447,757	NB19SB	DE000NB19SB6	500,000	ING Short Commodity Open End Turbo
			1	Certificate
447,758	NB19SC	DE000NB19SC4	500,000	ING Short Commodity Open End Turbo
				Certificate
447,759	NB19SD	DE000NB19SD2	500,000	ING Short Commodity Open End Turbo

				Certificate
447,760	NB19SE	DE000NB19SE0	500,000	ING Short Commodity Open End Turbo
				Certificate
447,761	NB19SF	DE000NB19SF7	500,000	ING Short Commodity Open End Turbo
				Certificate
447,762	NB19SG	DE000NB19SG5	500,000	ING Short Commodity Open End Turbo
				Certificate
447,763	NB19SH	DE000NB19SH3	500,000	ING Short Commodity Open End Turbo
				Certificate
447,764	NB19SJ	DE000NB19SJ9	500,000	ING Short Commodity Open End Turbo
				Certificate
447,765	NB19SK	DE000NB19SK7	500,000	ING Short Commodity Open End Turbo
-				Certificate
447,766	NB19SL	DE000NB19SL5	500,000	ING Short Commodity Open End Turbo
,				Certificate
447,767	NB19SM	DE000NB19SM3	500,000	ING Short Commodity Open End Turbo
,				Certificate
447,768	NB19SN	DE000NB19SN1	500,000	ING Short Commodity Open End Turbo
, ,				Certificate
447,769	NB19SP	DE000NB19SP6	500,000	ING Short Commodity Open End Turbo
, , , , , , ,				Certificate
447,770	NB19SQ	DE000NB19SQ4	500,000	ING Short Commodity Open End Turbo
,,,,,			300,000	Certificate
447,771	NB19SR	DE000NB19SR2	500,000	ING Short Commodity Open End Turbo
117,771	1,21,51	B 20001 (B1) 5112	300,000	Certificate
447,772	NB19SS	DE000NB19SS0	500,000	ING Short Commodity Open End Turbo
777,772	11,51,55	BEOOGNBIASSO	300,000	Certificate
447,773	NB19ST	DE000NB19ST8	500,000	ING Short Commodity Open End Turbo
777,773	11,51,51	BEOUGHBISSIO	300,000	Certificate
447,774	NB19SU	DE000NB19SU6	500,000	ING Short Commodity Open End Turbo
447,774	TVD1750	DEGOGRAPIOSCO	300,000	Certificate Commounty Open End Turbo
447,775	NB19SV	DE000NB19SV4	500,000	ING Short Commodity Open End Turbo
447,773	TVD175 V	DEGOOTIDITIES	300,000	Certificate
447,776	NB19SW	DE000NB19SW2	500,000	ING Short Commodity Open End Turbo
147,770	TVD175 W	DE0001(B1)5W2	300,000	Certificate Commounty Open End Turbo
447,777	NB19SX	DE000NB19SX0	500,000	ING Short Commodity Open End Turbo
777,777	TVD17571	DE0001(D1)5710	300,000	Certificate
447,778	NB19SY	DE000NB19SY8	500,000	ING Short Commodity Open End Turbo
77,776	1,21,51	BEOOGNBISSIO	300,000	Certificate
447,779	NB19SZ	DE000NB19SZ5	500,000	ING Short Commodity Open End Turbo
447,779	TVD1752	DE0001(D1)525	300,000	Certificate Commounty Open End Turbo
447,780	NB19S0	DE000NB19S01	500,000	ING Short Commodity Open End Turbo
447,780	1101750	DECOUNTEDIOSOI	300,000	Certificate Commounty Open End Turbo
447,781	NB19S1	DE000NB19S19	500,000	ING Short Commodity Open End Turbo
447,761	NDIJSI	DEGOOONDIJSIJ	300,000	Certificate
447,782	NB19S2	DE000NB19S27	500,000	ING Short Commodity Open End Turbo
447,762	ND1932	DE000ND19327	300,000	Certificate
447.792	NB19S3	DE000NB19S35	500,000	
447,783	1101783	DE000HD13933	500,000	ING Short Commodity Open End Turbo
117 701	NB19S4	DE000NB19S43	500,000	Certificate
447,784	1101734	DEOUDIND 17543	500,000	ING Short Commodity Open End Turbo
447.705	ND1005	DE000ND 10050	500.000	Certificate
447,785	NB19S5	DE000NB19S50	500,000	ING Short Commodity Open End Turbo
445 504	ND1007	DE000MD10000	700.000	Certificate
447,786	NB19S6	DE000NB19S68	500,000	ING Short Commodity Open End Turbo
445 505	ND1007	DE00031D10076	500.000	Certificate
447,787	NB19S7	DE000NB19S76	500,000	ING Short Commodity Open End Turbo

				Certificate
447,788	NB19S8	DE000NB19S84	500,000	ING Short Commodity Open End Turbo
				Certificate
447,789	NB19S9	DE000NB19S92	500,000	ING Short Commodity Open End Turbo
				Certificate
447,790	NB19TA	DE000NB19TA6	500,000	ING Short Commodity Open End Turbo
				Certificate
447,791	NB19TB	DE000NB19TB4	500,000	ING Short Commodity Open End Turbo
				Certificate
447,792	NB19TC	DE000NB19TC2	500,000	ING Short Commodity Open End Turbo
				Certificate
447,793	NB19TD	DE000NB19TD0	500,000	ING Short Commodity Open End Turbo
				Certificate
447,794	NB19TE	DE000NB19TE8	500,000	ING Short Commodity Open End Turbo
				Certificate
447,795	NB19TF	DE000NB19TF5	500,000	ING Short Commodity Open End Turbo
				Certificate
447,796	NB19TG	DE000NB19TG3	500,000	ING Short Commodity Open End Turbo
				Certificate
447,797	NB19TH	DE000NB19TH1	500,000	ING Short Commodity Open End Turbo
				Certificate
447,798	NB19TJ	DE000NB19TJ7	500,000	ING Short Commodity Open End Turbo
				Certificate
447,799	NB19TK	DE000NB19TK5	500,000	ING Short Commodity Open End Turbo
				Certificate
447,800	NB19TL	DE000NB19TL3	500,000	ING Short Commodity Open End Turbo
				Certificate
447,801	NB19TM	DE000NB19TM1	500,000	ING Short Commodity Open End Turbo
				Certificate
447,802	NB19TN	DE000NB19TN9	500,000	ING Short Commodity Open End Turbo
				Certificate
447,803	NB19TP	DE000NB19TP4	500,000	ING Short Commodity Open End Turbo
				Certificate
447,804	NB19TQ	DE000NB19TQ2	500,000	ING Short Commodity Open End Turbo
				Certificate
447,805	NB19TR	DE000NB19TR0	500,000	ING Short Commodity Open End Turbo
				Certificate
447,806	NB19TS	DE000NB19TS8	500,000	ING Short Commodity Open End Turbo
				Certificate
447,807	NB19TT	DE000NB19TT6	500,000	ING Short Commodity Open End Turbo
				Certificate
447,808	NB19TU	DE000NB19TU4	1,000,000	ING Short Commodity Open End Turbo
	11040071	D D 0 0 0 1 D 1 0 D 1 0		Certificate
447,809	NB19TV	DE000NB19TV2	1,000,000	ING Short Commodity Open End Turbo
				Certificate
447,810	NB19TW	DE000NB19TW0	1,000,000	ING Short Commodity Open End Turbo
				Certificate
447,811	NB19TX	DE000NB19TX8	200,000	ING Short Commodity Open End Turbo
	10000	DEGG 33 TRACES	1	Certificate
447,812	NB19TY	DE000NB19TY6	500,000	ING Short Commodity Open End Turbo
	12-12-		1	Certificate
447,813	NB19TZ	DE000NB19TZ3	500,000	ING Short Commodity Open End Turbo
	10000	DEGG 33 TR 4 2 = 2 2	<del>                                     </del>	Certificate
447,814	NB19T0	DE000NB19T00	500,000	ING Short Commodity Open End Turbo
= - :	ND 1051	DEGGGARAGE	1	Certificate
447,815	NB19T1	DE000NB19T18	500,000	ING Short Commodity Open End Turbo

				Certificate
447,816	NB19T2	DE000NB19T26	500,000	ING Short Commodity Open End Turbo
				Certificate
447,817	NB19T3	DE000NB19T34	500,000	ING Short Commodity Open End Turbo
				Certificate
447,818	NB19T4	DE000NB19T42	500,000	ING Short Commodity Open End Turbo
				Certificate
447,819	NB19T5	DE000NB19T59	250,000	ING Short Commodity Open End Turbo
				Certificate
447,820	NB19T6	DE000NB19T67	250,000	ING Short Commodity Open End Turbo
				Certificate
447,821	NB19T7	DE000NB19T75	250,000	ING Short Commodity Open End Turbo
				Certificate
447,822	NB19T8	DE000NB19T83	250,000	ING Short Commodity Open End Turbo
				Certificate
447,823	NB19T9	DE000NB19T91	250,000	ING Short Commodity Open End Turbo
				Certificate
447,824	NB19UA	DE000NB19UA4	250,000	ING Short Commodity Open End Turbo
				Certificate

# under the Certificates Programme

The Prospectus referred to below (as completed by these Final Terms) has been prepared on the basis that, except as provided in sub-paragraph (i) below, any offer of Notes in any Member State of the European Economic Area (each, a "**Member State**") will be made pursuant to an exemption under the Prospectus Regulation (as defined below) from the requirement to publish a prospectus for offers of the Notes. Accordingly any person making or intending to make an offer of the Notes may only do so:

- (i) in those Public Offer Jurisdictions mentioned in the paragraph *Distribution* of Part B below, provided such person is a Dealer or Authorised Offeror (as such term is defined in the Prospectus) and that any conditions relevant to 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.

PROHIBITION OF SALES TO UK RETAIL INVESTORS – The Certificates are not intended to be offered, sold or otherwise made available to and should not be offered, sold or otherwise made available to any retail investor in the United Kingdom ("UK"). For these purposes, a retail investor means a person who is one (or more) of: (i) a retail client, 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"); (ii) a customer within the meaning of the provisions of the Financial Services and Markets Act 2000 (the "FSMA") and any rules or regulations made under the FSMA to implement the Insurance Distribution Directive, where that customer would not qualify as a professional client, as defined in point (8) of Article 2(1) of Regulation (EU) No 600/2014 as it forms part of UK domestic law by virtue of the EUWA; or (iii) not a qualified investor as defined in Article 2 of the Prospectus Regulation as it forms part of UK domestic law by virtue of the EUWA. Consequently, no key information document required by Regulation (EU) No 1286/2014 as it forms part of UK domestic law by virtue of the EUWA (the "UK PRIIPs Regulation") for offering or selling the Certificates or otherwise making them available to retail investors in the UK has been prepared and therefore offering or selling the Certificates or otherwise making them available to any retail investor in the UK may be unlawful under the UK PRIIPs Regulation.

#### PART A - CONTRACTUAL TERMS

These Final Terms have been prepared for the purpose of Article 8 of Regulation (EU) 2017/1129, as amended (the "Prospectus Regulation"), and must be read in conjunction with the base prospectus consisting of separate documents (i.e. (i) the securities note dated 21 March 2025 and its supplement(s) (if any) (the "Securities Note") and (ii) the registration document of ING Bank N.V. (the "Issuer") dated 21 March 2025, 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 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 electronic copies may be obtained from 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

1	(a) Series number of the Certificates:	As specified in the table below
		1
	(b) Whether or not the Certificates are to be consolidated and form a single series with the Certificates of an existing series:	Not Applicable
2	(a) The type of Certificates which may be Index Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates, Other Bond Certificates or Index Futures Certificates:	Commodity Certificates
	(b) Whether such Certificates are Best Certificates, Factor Certificates, Limited Certificates, Discount Certificates, Open Ended Certificates, Fixed Leverage Certificates or Tracker Certificates.	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:	28 April 2025
6	Issue Date:	30 April 2025
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
10	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

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Series	ISIN Code	Number	Issue	Current		Maxi	Current	Maxi	Minim	Stop	Stop	Entit	Finan
Numb		of	price	Financi	nt	mum	Stop	mum	um	Loss	Loss	lem	cing
er of		Certificate	per	ng	Sprea	Sprea	Loss	Premi	Premi	Price	Price	ent	Level
the		s being	Certifi	Level	d on	d	Premiu	um	um	on the	Roun		Curre
Certifi		issued	cate	on the	the		m			Trade	ding		ncy
cates				Trade	Trade		Rate			Date			
				Date	Date		on the						
							Trade						
							Date						
447,70	DE000NB1	150,000	0.54	64.1100	3	5.0	7.5	20.0	0.0	64.1100	0.01	1.0	USD
9	9QX4			000000						000000			
447,71	DE000NB1	150,000	0.45	64.2100	3	5.0	7.5	20.0	0.0	64.2100	0.01	1.0	USD
0	9QY2			000000						000000			
447,71	DE000NB1	150,000	0.36	64.3100	3	5.0	7.5	20.0	0.0	64.3100	0.01	1.0	USD
1	9QZ9			000000						000000			
447,71	DE000NB1	150,000	0.27	64.4100	3	5.0	7.5	20.0	0.0	64.4100	0.01	1.0	USD
2	9Q03			000000						000000			
447,71	DE000NB1	150,000	0.18	64.5100	3	5.0	7.5	20.0	0.0	64.5100	0.01	1.0	USD
3	9Q11			000000						000000			
447,71	DE000NB1	150,000	0.1	64.6100	3	5.0	7.5	20.0	0.0	64.6100	0.01	1.0	USD
4	9Q29			000000						000000			
447,71	DE000NB1	150,000	0.01	64.7100	3	5.0	7.5	20.0	0.0	64.7100	0.01	1.0	USD
5	9Q37			000000						000000			
447,71	DE000NB1	150,000	0.08	64.8100	3	5.0	7.5	20.0	0.0	64.8100	0.01	1.0	USD
6	9Q45			000000						000000			
447,71	DE000NB1	150,000	0.17	64.9100	3	5.0	7.5	20.0	0.0	64.9100	0.01	1.0	USD
7	9Q52			000000						000000			

447,74	DE000NB1	500,000	0.55	3305.83	3	5.0	3.0	20.0	0.0	3305.83	0.01	0.1	USD
447,74 1	DE000NB1 9RV6	500,000	0.47	3304.83 000000 00	3	5.0	3.0	20.0	0.0	3304.83 000000 00	0.01	0.1	USD
447,74 0	DE000NB1 9RU8	500,000	0.38	3303.83 000000 00	3	5.0	3.0	20.0	0.0	3303.83 000000 00	0.01	0.1	USD
447,73 9	DE000NB1 9RT0	500,000	0.29	3302.83 000000 00	3	5.0	3.0	20.0	0.0	3302.83 000000 00	0.01	0.1	USD
447,73 8	DE000NB1 9RS2	500,000	0.2	3301.83 000000 00	3	5.0	3.0	20.0	0.0	3301.83 000000 00	0.01	0.1	USD
447,73 7	DE000NB1 9RR4	500,000	0.11	000000 00	3	5.0	3.0	20.0	0.0	3300.83 000000 00	0.01	0.1	USD
447,73 6	DE000NB1 9RQ6	500,000	0.03	3299.83 000000 00	3	5.0	3.0	20.0	0.0	3299.83 000000 00	0.01	0.1	USD
447,73 5	DE000NB1 9RP8	500,000	0.06	3298.83 000000 00	3	5.0	3.0	20.0	0.0	3298.83 000000 00	0.01	0.1	USD
447,73 4	DE000NB1 9RN3	500,000	0.15	3297.83 000000 00	3	5.0	3.0	20.0	0.0	3297.83 000000 00	0.01	0.1	USD
447,73	DE000NB1 9RM5	500,000	0.24	3296.83 000000 00	3	5.0	3.0	20.0	0.0	3296.83 000000 00	0.01	0.1	USD
447,73 2	DE000NB1 9RL7	500,000	0.33	3295.83 000000 00	3	5.0	3.0	20.0	0.0	3295.83 000000 00	0.01	0.1	USD
447,73 1	DE000NB1 9RK9	500,000	0.41	3294.83 000000 00	3	5.0	3.0	20.0	0.0	3294.83 000000 00	0.01	0.1	USD
447,73	DE000NB1 9RJ1	500,000	0.5	3293.83 000000 00	3	5.0	3.0	20.0	0.0	3293.83 000000 00	0.01	0.1	USD
8 447,72 9	9RG7 DE000NB1 9RH5	150,000	1.23	000000 66.1100 000000	3	5.0	7.5	20.0	0.0	000000 66.1100 000000	0.01	1.0	USD
7 447,72	9RF9 DE000NB1	150,000	1.14	000000 66.0100	3	5.0	7.5	20.0	0.0	000000 66.0100	0.01	1.0	USD
447,72 6 447,72	DE000NB1 9RE2 DE000NB1	150,000	0.96	65.8100 000000 65.9100	3	5.0	7.5 7.5	20.0	0.0	65.8100 000000 65.9100	0.01	1.0	USD
447,72 5	DE000NB1 9RD4	150,000	0.87	65.7100 000000	3	5.0	7.5	20.0	0.0	65.7100 000000	0.01	1.0	USD
447,72 4	DE000NB1 9RC6	150,000	0.78	65.6100 000000	3	5.0	7.5	20.0	0.0	65.6100 000000	0.01	1.0	USD
2 447,72 3	DE000NB1 9RB8	150,000	0.7	65.5100 000000	3	5.0	7.5	20.0	0.0	000000 65.5100 000000	0.01	1.0	USD
447,72	9Q94 DE000NB1 9RA0	150,000	0.61	000000 65.4100 000000	3	5.0	7.5	20.0	0.0	65.4100	0.01	1.0	USD
0 447,72	9Q86 DE000NB1	150,000	0.52	65.3100	3	5.0	7.5	20.0	0.0	000000 65.3100	0.01	1.0	USD
9 447,72	9Q78 DE000NB1	150,000	0.43	000000 65.2100	3	5.0	7.5	20.0	0.0	000000 65.2100	0.01	1.0	USD
447,71 8 447,71	DE000NB1 9Q60 DE000NB1	150,000	0.26	65.0100 000000 65.1100	3	5.0	7.5	20.0	0.0	65.0100 000000 65.1100	0.01	1.0	USD

2	9RW4			000000				<u> </u>		000000			
2	3KW4			00						00			
447,74	DE000NB1 9RX2	500,000	0.64	3306.83 000000 00	3	5.0	3.0	20.0	0.0	3306.83 000000 00	0.01	0.1	USD
447,74 4	DE000NB1 9RY0	500,000	0.73	3307.83 000000 00	3	5.0	3.0	20.0	0.0	3307.83 000000 00	0.01	0.1	USD
447,74 5	DE000NB1 9RZ7	500,000	0.82	3308.83 000000 00	3	5.0	3.0	20.0	0.0	3308.83 000000 00	0.01	0.1	USD
447,74 6	DE000NB1 9R02	500,000	0.91	3309.83 000000 00	3	5.0	3.0	20.0	0.0	3309.83 000000 00	0.01	0.1	USD
447,74 7	DE000NB1 9R10	500,000	0.99	3310.83 000000 00	3	5.0	3.0	20.0	0.0	3310.83 000000 00	0.01	0.1	USD
447,74 8	DE000NB1 9R28	500,000	1.08	3311.83 000000 00	3	5.0	3.0	20.0	0.0	3311.83 000000 00	0.01	0.1	USD
447,74 9	DE000NB1 9R36	500,000	1.17	3312.83 000000 00	3	5.0	3.0	20.0	0.0	3312.83 000000 00	0.01	0.1	USD
447,75 0	DE000NB1 9R44	500,000	1.26	3313.83 000000 00	3	5.0	3.0	20.0	0.0	3313.83 000000 00	0.01	0.1	USD
447,75 1	DE000NB1 9R51	500,000	1.35	3314.83 000000 00	3	5.0	3.0	20.0	0.0	3314.83 000000 00	0.01	0.1	USD
447,75	DE000NB1 9R69	500,000	1.43	3315.83 000000 00	3	5.0	3.0	20.0	0.0	3315.83 000000 00	0.01	0.1	USD
447,75	DE000NB1 9R77	500,000	1.52	3316.83 000000 00	3	5.0	3.0	20.0	0.0	3316.83 000000 00	0.01	0.1	USD
447,75 4	DE000NB1 9R85	500,000	1.61	3317.83 000000 00	3	5.0	3.0	20.0	0.0	3317.83 000000 00	0.01	0.1	USD
447,75 5	DE000NB1 9R93	500,000	1.7	3318.83 000000 00	3	5.0	3.0	20.0	0.0	3318.83 000000 00	0.01	0.1	USD
447,75 6	DE000NB1 9SA8	500,000	1.79	3319.83 000000 00	3	5.0	3.0	20.0	0.0	3319.83 000000 00	0.01	0.1	USD
447,75 7	DE000NB1 9SB6	500,000	1.88	3320.83 000000 00	3	5.0	3.0	20.0	0.0	3320.83 000000 00	0.01	0.1	USD
447,75 8	DE000NB1 9SC4	500,000	1.96	3321.83 000000 00	3	5.0	3.0	20.0	0.0	3321.83 000000 00	0.01	0.1	USD
447,75 9	DE000NB1 9SD2	500,000	2.05	3322.83 000000 00	3	5.0	3.0	20.0	0.0	3322.83 000000 00	0.01	0.1	USD
447,76 0	DE000NB1 9SE0	500,000	2.14	3323.83 000000 00	3	5.0	3.0	20.0	0.0	3323.83 000000 00	0.01	0.1	USD
447,76 1	DE000NB1 9SF7	500,000	2.23	3324.83 000000 00	3	5.0	3.0	20.0	0.0	3324.83 000000 00	0.01	0.1	USD
447,76 2	DE000NB1 9SG5	500,000	2.32	3325.83 000000 00	3	5.0	3.0	20.0	0.0	3325.83 000000 00	0.01	0.1	USD

447,76	DE000NB1 9SH3	500,000	2.4	3326.83 000000 00	3	5.0	3.0	20.0	0.0	3326.83 000000 00	0.01	0.1	USD
447,76 4	DE000NB1 9SJ9	500,000	2.49	3327.83 000000 00	3	5.0	3.0	20.0	0.0	3327.83 000000 00	0.01	0.1	USD
447,76 5	DE000NB1 9SK7	500,000	2.58	3328.83 000000 00	3	5.0	3.0	20.0	0.0	3328.83 000000 00	0.01	0.1	USD
447,76 6	DE000NB1 9SL5	500,000	2.67	3329.83 000000 00	3	5.0	3.0	20.0	0.0	3329.83 000000 00	0.01	0.1	USD
447,76 7	DE000NB1 9SM3	500,000	2.76	3330.83 000000 00	3	5.0	3.0	20.0	0.0	3330.83 000000 00	0.01	0.1	USD
447,76 8	DE000NB1 9SN1	500,000	2.84	3331.83 000000 00	3	5.0	3.0	20.0	0.0	3331.83 000000 00	0.01	0.1	USD
447,76 9	DE000NB1 9SP6	500,000	2.93	3332.83 000000 00	3	5.0	3.0	20.0	0.0	3332.83 000000 00	0.01	0.1	USD
447,77 0	DE000NB1 9SQ4	500,000	3.02	3333.83 000000 00	3	5.0	3.0	20.0	0.0	3333.83 000000 00	0.01	0.1	USD
447,77 1	DE000NB1 9SR2	500,000	3.11	3334.83 000000 00	3	5.0	3.0	20.0	0.0	3334.83 000000 00	0.01	0.1	USD
447,77	DE000NB1 9SS0	500,000	3.2	3335.83 000000 00	3	5.0	3.0	20.0	0.0	3335.83 000000 00	0.01	0.1	USD
447,77	DE000NB1 9ST8	500,000	3.28	3336.83 000000 00	3	5.0	3.0	20.0	0.0	3336.83 000000 00	0.01	0.1	USD
447,77 4	DE000NB1 9SU6	500,000	3.37	3337.83 000000 00	3	5.0	3.0	20.0	0.0	3337.83 000000 00	0.01	0.1	USD
447,77 5	DE000NB1 9SV4	500,000	3.46	3338.83 000000 00	3	5.0	3.0	20.0	0.0	3338.83 000000 00	0.01	0.1	USD
447,77 6	DE000NB1 9SW2	500,000	3.55	3339.83 000000 00	3	5.0	3.0	20.0	0.0	3339.83 000000 00	0.01	0.1	USD
447,77 7	DE000NB1 9SX0	500,000	3.64	3340.83 000000 00	3	5.0	3.0	20.0	0.0	3340.83 000000 00	0.01	0.1	USD
447,77 8	DE000NB1 9SY8	500,000	3.72	3341.83 000000 00	3	5.0	3.0	20.0	0.0	3341.83 000000 00	0.01	0.1	USD
447,77 9	DE000NB1 9SZ5	500,000	3.81	3342.83 000000 00	3	5.0	3.0	20.0	0.0	3342.83 000000 00	0.01	0.1	USD
447,78 0	DE000NB1 9S01	500,000	3.9	3343.83 000000 00	3	5.0	3.0	20.0	0.0	3343.83 000000 00	0.01	0.1	USD
447,78 1	DE000NB1 9S19	500,000	3.99	3344.83 000000 00	3	5.0	3.0	20.0	0.0	3344.83 000000 00	0.01	0.1	USD
447,78 2	DE000NB1 9S27	500,000	4.08	3345.83 000000 00	3	5.0	3.0	20.0	0.0	3345.83 000000 00	0.01	0.1	USD
447,78 3	DE000NB1 9S35	500,000	4.16	3346.83 000000	3	5.0	3.0	20.0	0.0	3346.83 000000	0.01	0.1	USD

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447,78 4	DE000NB1 9S43	500,000	4.25	3347.83 000000 00	3	5.0	3.0	20.0	0.0	3347.83 000000 00	0.01	0.1	USD
447,78 5	DE000NB1 9S50	500,000	4.34	3348.83 000000 00	3	5.0	3.0	20.0	0.0	3348.83 000000 00	0.01	0.1	USD
447,78 6	DE000NB1 9S68	500,000	4.43	3349.83 000000 00	3	5.0	3.0	20.0	0.0	3349.83 000000 00	0.01	0.1	USD
447,78 7	DE000NB1 9S76	500,000	4.52	3350.83 000000 00	3	5.0	3.0	20.0	0.0	3350.83 000000 00	0.01	0.1	USD
447,78 8	DE000NB1 9S84	500,000	4.6	3351.83 000000 00	3	5.0	3.0	20.0	0.0	3351.83 000000 00	0.01	0.1	USD
447,78 9	DE000NB1 9S92	500,000	4.69	3352.83 000000 00	3	5.0	3.0	20.0	0.0	3352.83 000000 00	0.01	0.1	USD
447,79 0	DE000NB1 9TA6	500,000	4.78	3353.83 000000 00	3	5.0	3.0	20.0	0.0	3353.83 000000 00	0.01	0.1	USD
447,79 1	DE000NB1 9TB4	500,000	4.87	3354.83 000000 00	3	5.0	3.0	20.0	0.0	3354.83 000000 00	0.01	0.1	USD
447,79 2	DE000NB1 9TC2	500,000	4.96	3355.83 000000 00	3	5.0	3.0	20.0	0.0	3355.83 000000 00	0.01	0.1	USD
447,79	DE000NB1 9TD0	500,000	5.04	3356.83 000000 00	3	5.0	3.0	20.0	0.0	3356.83 000000 00	0.01	0.1	USD
447,79 4	DE000NB1 9TE8	500,000	5.13	3357.83 000000 00	3	5.0	3.0	20.0	0.0	3357.83 000000 00	0.01	0.1	USD
447,79 5	DE000NB1 9TF5	500,000	5.22	3358.83 000000 00	3	5.0	3.0	20.0	0.0	3358.83 000000 00	0.01	0.1	USD
447,79 6	DE000NB1 9TG3	500,000	5.31	3359.83 000000 00	3	5.0	3.0	20.0	0.0	3359.83 000000 00	0.01	0.1	USD
447,79 7	DE000NB1 9TH1	500,000	5.4	3360.83 000000 00	3	5.0	3.0	20.0	0.0	3360.83 000000 00	0.01	0.1	USD
447,79 8	DE000NB1 9TJ7	500,000	5.48	3361.83 000000 00	3	5.0	3.0	20.0	0.0	3361.83 000000 00	0.01	0.1	USD
447,79 9	DE000NB1 9TK5	500,000	5.57	3362.83 000000 00	3	5.0	3.0	20.0	0.0	3362.83 000000 00	0.01	0.1	USD
447,80 0	DE000NB1 9TL3	500,000	5.66	3363.83 000000 00	3	5.0	3.0	20.0	0.0	3363.83 000000 00	0.01	0.1	USD
447,80 1	DE000NB1 9TM1	500,000	5.75	3364.83 000000 00	3	5.0	3.0	20.0	0.0	3364.83 000000 00	0.01	0.1	USD
447,80 2	DE000NB1 9TN9	500,000	5.84	3365.83 000000 00	3	5.0	3.0	20.0	0.0	3365.83 000000 00	0.01	0.1	USD
447,80	DE000NB1 9TP4	500,000	5.92	3366.83 000000 00	3	5.0	3.0	20.0	0.0	3366.83 000000 00	0.01	0.1	USD
447,80	DE000NB1	500,000	6.01	3367.83	3	5.0	3.0	20.0	0.0	3367.83	0.01	0.1	USD

4	9TQ2			000000						000000			
				00						00			
447,80	DE000NB1 9TR0	500,000	6.1	3368.83 000000 00	3	5.0	3.0	20.0	0.0	3368.83 000000 00	0.01	0.1	USD
447,80 6	DE000NB1 9TS8	500,000	6.19	3369.83 000000 00	3	5.0	3.0	20.0	0.0	3369.83 000000 00	0.01	0.1	USD
447,80	DE000NB1 9TT6	500,000	6.28	3370.83 000000 00	3	5.0	3.0	20.0	0.0	3370.83 000000 00	0.01	0.1	USD
447,80 8	DE000NB1 9TU4	1,000,000	0.01	3.09600 00000	3	5.0	10.0	20.0	0.0	3.09600 00000	0.001	1.0	USD
447,80 9	DE000NB1 9TV2	1,000,000	0.03	3.11200 00000	3	5.0	10.0	20.0	0.0	3.11200 00000	0.001	1.0	USD
447,81 0	DE000NB1 9TW0	1,000,000	0.04	3.12800 00000	3	5.0	10.0	20.0	0.0	3.12800 00000	0.001	1.0	USD
447,81 1	DE000NB1 9TX8	200,000	0.12	955.360 000000 0	3	5.0	5.0	20.0	0.0	955.360 000000 0	0.01	0.01	USD
447,81 2	DE000NB1 9TY6	500,000	0.02	33.3861 000000	3	5.0	4.0	20.0	0.0	33.3861 000000	0.000 1	1.0	USD
447,81 3	DE000NB1 9TZ3	500,000	0.03	33.4361 000000	3	5.0	4.0	20.0	0.0	33.4361 000000	0.000 1	1.0	USD
447,81 4	DE000NB1 9T00	500,000	0.07	33.4861 000000	3	5.0	4.0	20.0	0.0	33.4861 000000	0.000 1	1.0	USD
447,81 5	DE000NB1 9T18	500,000	0.11	33.5361 000000	3	5.0	4.0	20.0	0.0	33.5361 000000	0.000 1	1.0	USD
447,81 6	DE000NB1 9T26	500,000	0.16	33.5861 000000	3	5.0	4.0	20.0	0.0	33.5861 000000	0.000 1	1.0	USD
447,81 7	DE000NB1 9T34	500,000	0.2	33.6361 000000	3	5.0	4.0	20.0	0.0	33.6361 000000	0.000 1	1.0	USD
447,81 8	DE000NB1 9T42	500,000	0.25	33.6861 000000	3	5.0	4.0	20.0	0.0	33.6861 000000	0.000 1	1.0	USD
447,81 9	DE000NB1 9T59	250,000	0.31	62.2200 000000	3	5.0	7.5	20.0	0.0	62.2200 000000	0.01	1.0	USD
447,82 0	DE000NB1 9T67	250,000	0.48	62.4200 000000	3	5.0	7.5	20.0	0.0	62.4200 000000	0.01	1.0	USD
447,82 1	DE000NB1 9T75	,	0.66	62.6200 000000	3	5.0	7.5	20.0	0.0	62.6200 000000	0.01	1.0	USD
447,82 2	DE000NB1 9T83	250,000	0.84	62.8200 000000	3	5.0	7.5	20.0	0.0	62.8200 000000	0.01	1.0	USD
447,82 3	DE000NB1 9T91	250,000	1.01	63.0200 000000	3	5.0	7.5	20.0	0.0	63.0200 000000	0.01	1.0	USD
447,82 4	DE000NB1 9UA4	250,000	1.19	63.2200 000000	3	5.0	7.5	20.0	0.0	63.2200 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	Codo	ty	dity	Reference	fied	Dates	Bato	e	Time
the		\ 'y	Referen	Dealers	Price	Dates			Time
1				Dealers	FIICE				
Certifi			ce Price						
cates	DEGGOVI	D .	0'1 D	T 1.1 11		NT /	<b>3.</b>	<b>N</b> T .	771 1
447,70		Brent	Oil-Brent		TT1	Not	Not	Not	The close
9	B19QX4	Crude Oil	-ICE	Bloomberg	The		Applicable.		of trading
				code: CON5	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
447.71	DEGGOVI	Durant	O:1 D t	Contract.		NI-4	NI-4	Not	The close
447,71	DE000N	Brent		Initially	The	Not	Not		
0	B19QY2	Crude Oil	-ICE	Bloomberg code: CON5			Applicable.		of trading on the
				<cmdty> and</cmdty>	spot price	e.		е	
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
447,71	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
1	B19QZ9	Crude Oil	-ICE	Bloomberg	The		Applicable.		of trading
				code: CON5	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
447,71		Brent		Initially	l	Not	Not	Not	The close
2	B19Q03	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	
				code: CON5	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>				

447,71	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
3	B19Q11	Crude Oil	-ICE	Bloomberg	The		Applicable.	Applicabl	of trading
	217 411			code: CON5	spot	e.	- Ppiiouoio.	e	on the
				<cmdty> and</cmdty>	price			-	Exchange
				after the first	1				
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
447,71		Brent	Oil-Brent	•		Not	Not	Not	The close
4	B19Q29	Crude Oil	-ICE	Bloomberg	The		Applicable.	Applicabl	of trading
				code: CON5	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg page referring					
				to the relevant					
				Futures					
				Contract.					
447,71	DE000N	Brent	Oil-Brent			Not	Not	Not	The close
5	B19Q37	Crude Oil	-ICE	Bloomberg	The		Applicable.	Applicabl	of trading
				code: CON5	spot	e.	FF	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
447.71	DEGGOVI	Durent	Oll Door	Contract.		NI-4	NI-4	NT - 4	Th1
447,71 6	DE000N	Brent		Initially Bloomberg	The	Not	Not	Not	The close
O	B19Q45	Crude Oil	-ICE	code: CON5			Applicable.	Applicabl	of trading on the
				<cmdty> and</cmdty>	spot price	e.		e	
				after the first	Price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
	<u> </u>	<u> </u>		Contract.	<u> </u>	<u> </u>			
447,71	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
7	B19Q52	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON5	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
		L		Contract.					

447,71	DE000N B19Q60 DE000N	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON5 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract. Initially</cmdty>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
9	B19Q78	Brent Crude Oil	-ICE	Bloomberg code: CON5 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
0	DE000N B19Q86	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON5 <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
447,72	DE000N B19Q94	Brent Crude Oil	-ICE	Initially Bloomberg code: CON5 <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
447,72	DE000N B19RA0	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON5 <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

447,72	DE000N B19RB8	Brent Crude Oil	Oil-Brent -ICE	Bloomberg code: CON5 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	е.		e	The close of trading on the Exchange
447,72	DE000N B19RC6	Brent Crude Oil	-ICE	Initially Bloomberg code: CON5 <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	on the Exchange
447,72	DE000N B19RD4	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON5 <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
447,72	DE000N B19RE2	Brent Crude Oil	-ICE	Initially Bloomberg code: CON5 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	е.	Not Applicable.	Not Applicabl e	on the Exchange
447,72	DE000N B19RF9	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON5 <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

447,72	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
8	B19RG7	Crude Oil	-ICE Oil-Brent	Bloomberg code: CON5 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
9	B19RH5	Brent Crude Oil	-ICE	Bloomberg code: CON5 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
447,73	DE000N B19RJ1	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
447,73	DE000N B19RK9	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
447,73	DE000N B19RL7	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
447,73	DE000N B19RM5	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
447,73	DE000N B19RN3	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
447,73	DE000N B19RP8	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

447,73	DE000N B19RQ6	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
447,73	DE000N B19RR4	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
447,73	DE000N B19RS2	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
447,73	DE000N B19RT0	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
447,74	DE000N B19RU8	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
447,74	DE000N B19RV6	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
447,74	DE000N B19RW4	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
447,74	DE000N B19RX2	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
447,74	DE000N B19RY0	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
447,74	DE000N B19RZ7	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

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447,74 6	DE000N B19R02	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
447,74 7	DE000N B19R10	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
447,74 8	DE000N B19R28	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
447,74 9	DE000N B19R36	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
447,75 0	DE000N B19R44	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
447,75 1	DE000N B19R51	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
447,75	DE000N B19R69	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
447,75	DE000N B19R77	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
447,75	DE000N B19R85	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

447,75	DE000N B19R93	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
447,75	DE000N B19SA8	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
447,75	DE000N B19SB6	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
447,75	DE000N B19SC4	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
447,75	DE000N B19SD2	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
447,76	DE000N B19SE0	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
447,76	DE000N B19SF7	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
447,76	DE000N B19SG5	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
447,76	DE000N B19SH3	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
447,76	DE000N B19SJ9	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

447,76 5	DE000N B19SK7	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
447,76	DE000N B19SL5	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
447,76	DE000N B19SM3	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
447,76 8	DE000N B19SN1	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
447,76	DE000N B19SP6	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
447,77	DE000N B19SQ4	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
447,77	DE000N B19SR2	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
447,77	DE000N B19SS0	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
447,77	DE000N B19ST8	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

447,77	DE000N B19SU6	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
447,77	DE000N B19SV4	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
447,77	DE000N B19SW2	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
447,77	DE000N B19SX0	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
447,77	DE000N B19SY8	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
447,77	DE000N B19SZ5	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
447,78	DE000N B19S01	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
447,78	DE000N B19S19	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
447,78	DE000N B19S27	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
447,78	DE000N B19S35	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

447,78	DE000N B19S43	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
447,78	DE000N B19S50	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
447,78 6	DE000N B19S68	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
447,78	DE000N B19S76	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
447,78	DE000N B19S84	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
447,78	DE000N B19S92	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
447,79	DE000N B19TA6	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
447,79	DE000N B19TB4	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
447,79	DE000N B19TC2	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

447,79	DE000N B19TD0	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
447,79	DE000N B19TE8	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
447,79	DE000N B19TF5	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
447,79	DE000N B19TG3	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
447,79	DE000N B19TH1	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
447,79	DE000N B19TJ7	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
447,79	DE000N B19TK5	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
447,80	DE000N B19TL3	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
447,80	DE000N B19TM1	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
447,80	DE000N B19TN9	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

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447,80	DE000N B19TP4	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
447,80	DE000N B19TQ2	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
447,80	DE000N B19TR0	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
447,80	DE000N B19TS8	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
447,80	DE000N B19TT6	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
447,80	DE000N B19TU4	US Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGM25 <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
447,80	DE000N B19TV2	US Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGM25 <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

447,81	DE000N	US	Natural	Initially		Not	Not	Not	The close
0	B19TW0	Natural	Gas-NY	Bloomberg	The		Applicable.	Applicabl	of trading
		Gas	MEX	code: NGM25	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg page referring					
				to the relevant					
				Futures					
				Contract.					
447,81	DE000N	Palladium	Palladiu	PALLADIUM		Not	Not	Not	The close
1	B19TX8		m-Spot	SPOT \$/OZ	The		Applicable.	Applicabl	of trading
				(Bloomberg code: XPD	spot	e.		e	on the
				<crncy>)</crncy>	price				Exchange
				(Cilicy )					
447,81	DE000N	Silver	Silver-Sp	SILVER		Not	Not	Not	The close
2	B19TY6		ot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
				(Bloomberg	spot	e.		e	on the
				code: XAG	price				Exchange
				<crncy>)</crncy>					
447,81	DE000N	Silver	Silver-Sp	SILVER		Not	Not	Not	The close
3	B19TZ3		ot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
				(Bloomberg	spot	e.		e	on the
				code: XAG	price				Exchange
				<crncy>)</crncy>					
447,81	DE000N	Silver	Silver-Sp	SILVER	<del> </del>	Not	Not	Not	The close
4	B19T00		ot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
				(Bloomberg	spot	e.		e	on the
				code: XAG	price				Exchange
				<crncy>)</crncy>					
447,81	DE000N	Silver	Silver-Sp	SILVER		Not	Not	Not	The close
5	B19T18		ot sp	SPOT \$/OZ	The		Applicable.		of trading
				(Bloomberg	spot	e.	11	e	on the
				code: XAG	price				Exchange
				<crncy>)</crncy>					
447,81	DE000N	Silver	Silver-Sp	SILVER		Not	Not	Not	The close
6	B19T26	Sirver	ot	SPOT \$/OZ	The		Applicable.	Applicabl	of trading
			1	(Bloomberg	spot	e.	-FF-1-00010.	e	on the
				code: XAG	price				Exchange
				<crncy>)</crncy>					
447,81	DE000N	Cilvan	Silver Se	SILVER		Not	Not	Not	The close
7	B19T34	Silver	Silver-Sp ot	SILVER SPOT \$/OZ	The		Not Applicable.	Applicabl	of trading
'	19134		01	(Bloomberg	spot	e.	дринеане.	e	on the
				code: XAG	price				Exchange
				<crncy>)</crncy>					
447.01	DEGGGT		G'1 ~	OH VED		31.	NT 4	31.	TDI 1
447,81 8	DE000N	Silver	Silver-Sp	SILVER SPOT \$/OZ	The	Not	Not	Not	The close
l°	B19T42		ot	(Bloomberg	spot	Applicable.	Applicable.	Applicabl e	of trading on the
				code: XAG	price	[.			Exchange
				<crncy>)</crncy>	1				<b></b>

447 81	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
9	B19T59	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
	Bijioj	Cruac on	X	code: CLM5	spot	e.	rippiiousie.	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					S
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
447,82	DE000N	WTI		Initially		Not	Not	Not	The close
0	B19T67	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLM5	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
447,82	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
1	B19T75	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
1	D17173	Crude on	X	code: CLM5	spot	e.	пррисцоїс.	e	on the
			11	<cmdty> and</cmdty>	price	•.			Exchange
				after the first	1				Ziiviimigo
				Rollover Date					
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				page referring					
				to the relevant					
				Futures					
				Contract.					
447,82		WTI		Initially		Not	Not	Not	The close
2	B19T83	Crude Oil	-NYME	Bloomberg	The		Applicable.	Applicabl	of trading
			X	code: CLM5	spot	e.		е	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
447,82	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
3	B19T91	Crude Oil	-NYME	Bloomberg	The		Applicable.	Applicabl	of trading
			X	code: CLM5	spot	e.	11	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					

	_	_	_		-			_		
447,82	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close	
4	B19UA4	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading	
			X	code: CLM5	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 Certificate Provisions						plicable				
					<u>!</u>					
29	Covernme	nt Rond Cor	tificata Dra	wisions	Not Applicable					
29	29 Government Bond Certificate Provisions					рисавіс				
30	Other Bond Certificate Provisions					Not Applicable				
					<u> </u>					
31	Index Futu	res Certific	ate Provisio	ons	Not Applicable					
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#### 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.
US 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>)
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>)
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>)
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>
Palladium	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: XPD <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
DE000NB19QX4	Not Applicable	NB19QX
DE000NB19QY2	Not Applicable	NB19QY
DE000NB19QZ9	Not Applicable	NB19QZ
DE000NB19Q03	Not Applicable	NB19Q0
DE000NB19Q11	Not Applicable	NB19Q1

DE000NB19Q29	Not Applicable	ND1002
DE000NB19Q29	Not Applicable  Not Applicable	NB19Q2 NB19Q3
DE000NB19Q37	Not Applicable  Not Applicable	NB19Q3
DE000NB19Q43	11	`
DE000NB19Q32 DE000NB19Q60	Not Applicable Not Applicable	NB19Q5
DE000NB19Q00 DE000NB19Q78		NB19Q6
DE000NB19Q78 DE000NB19Q86	Not Applicable	NB19Q7
	Not Applicable	NB19Q8
DE000NB19Q94 DE000NB19RA0	Not Applicable	NB19Q9
DE000NB19RB8	Not Applicable	NB19RA
DE000NB19RB8	Not Applicable	NB19RB
DE000NB19RD4	Not Applicable	NB19RC
	Not Applicable	NB19RD
DE000NB19RE2	Not Applicable	NB19RE
DE000NB19RF9	Not Applicable	NB19RF
DE000NB19RG7	Not Applicable	NB19RG
DE000NB19RH5	Not Applicable	NB19RH
DE000NB19RJ1	Not Applicable	NB19RJ
DE000NB19RK9	Not Applicable	NB19RK
DE000NB19RL7	Not Applicable	NB19RL
DE000NB19RM5	Not Applicable	NB19RM
DE000NB19RN3	Not Applicable	NB19RN
DE000NB19RP8	Not Applicable	NB19RP
DE000NB19RQ6	Not Applicable	NB19RQ
DE000NB19RR4	Not Applicable	NB19RR
DE000NB19RS2	Not Applicable	NB19RS
DE000NB19RT0	Not Applicable	NB19RT
DE000NB19RU8	Not Applicable	NB19RU
DE000NB19RV6	Not Applicable	NB19RV
DE000NB19RW4	Not Applicable	NB19RW
DE000NB19RX2	Not Applicable	NB19RX
DE000NB19RY0	Not Applicable	NB19RY
DE000NB19RZ7	Not Applicable	NB19RZ
DE000NB19R02	Not Applicable	NB19R0
DE000NB19R10	Not Applicable	NB19R1
DE000NB19R28	Not Applicable	NB19R2
DE000NB19R36	Not Applicable	NB19R3
DE000NB19R44	Not Applicable	NB19R4
DE000NB19R51	Not Applicable	NB19R5
DE000NB19R69	Not Applicable	NB19R6
DE000NB19R77	Not Applicable	NB19R7
DE000NB19R85	Not Applicable	NB19R8
DE000NB19R93	Not Applicable	NB19R9
DE000NB19SA8	Not Applicable	NB19SA
DE000NB19SB6	Not Applicable	NB19SB
DE000NB19SC4	Not Applicable	NB19SC
DE000NB19SD2	Not Applicable	NB19SD
DE000NB19SE0	Not Applicable	NB19SE
DE000NB19SF7	Not Applicable	NB19SF
DE000NB19SG5	Not Applicable	NB19SG
DE000NB19SH3	Not Applicable	NB19SH
DE000NB19SJ9	Not Applicable	NB19SJ
DE000NB19SK7	Not Applicable	NB19SK
DE000NB19SL5	Not Applicable	NB19SL
DE000NB19SM3	Not Applicable	NB19SM
DE000NB19SN1	Not Applicable	NB19SN
DE000NB19SP6	Not Applicable	NB19SP

DE000ND10CO4	NT . A 11 11	ND1000
DE000NB19SQ4	Not Applicable	NB19SQ
DE000NB19SR2	Not Applicable	NB19SR
DE000NB19SS0	Not Applicable	NB19SS
DE000NB19ST8	Not Applicable	NB19ST
DE000NB19SU6	Not Applicable	NB19SU
DE000NB19SV4	Not Applicable	NB19SV
DE000NB19SW2	Not Applicable	NB19SW
DE000NB19SX0	Not Applicable	NB19SX
DE000NB19SY8	Not Applicable	NB19SY
DE000NB19SZ5	Not Applicable	NB19SZ
DE000NB19S01	Not Applicable	NB19S0
DE000NB19S19	Not Applicable	NB19S1
DE000NB19S27	Not Applicable	NB19S2
DE000NB19S35	Not Applicable	NB19S3
DE000NB19S43	Not Applicable	NB19S4
DE000NB19S50	Not Applicable	NB19S5
DE000NB19S68	Not Applicable	NB19S6
DE000NB19S76	Not Applicable	NB19S7
DE000NB19S84	Not Applicable	NB19S8
DE000NB19S92	Not Applicable	NB19S9
DE000NB19TA6	Not Applicable	NB19TA
DE000NB19TB4	Not Applicable	NB19TB
DE000NB19TC2	Not Applicable	NB19TC
DE000NB19TD0	Not Applicable	NB19TD
DE000NB19TE8	Not Applicable	NB19TE
DE000NB19TF5	Not Applicable	NB19TF
DE000NB19TG3	Not Applicable	NB19TG
DE000NB19TH1	Not Applicable	NB19TH
DE000NB19TJ7	Not Applicable	NB19TJ
DE000NB19TK5	Not Applicable	NB19TK
DE000NB19TL3	Not Applicable	NB19TL
DE000NB19TM1	Not Applicable	NB19TM
DE000NB19TN9	Not Applicable	NB19TN
DE000NB19TP4	Not Applicable	NB19TP
DE000NB19TQ2	Not Applicable	NB19TQ
DE000NB19TR0	Not Applicable	NB19TR
DE000NB19TS8	Not Applicable	NB19TS
DE000NB19TT6	Not Applicable	NB19TT
DE000NB19TU4	Not Applicable	NB19TU
DE000NB19TV2	Not Applicable	NB19TV
DE000NB19TW0	Not Applicable	NB19TW
DE000NB19TX8	Not Applicable	NB19TX
DE000NB19TY6	Not Applicable	NB19TY
DE000NB19TZ3	Not Applicable	NB19TZ
DE000NB19T00	Not Applicable	NB19T0
DE000NB19T18	Not Applicable	NB19T1
DE000NB19T26	Not Applicable	NB19T2
DE000NB19T34	Not Applicable	NB19T3
DE000NB19T42	Not Applicable	NB19T4
DE000NB19T59	Not Applicable	NB19T5
DE000NB19T67	Not Applicable	NB19T6
DE000NB19T75	Not Applicable	NB19T7
DE000NB19T83	Not Applicable	NB19T8
DE000NB19T91	Not Applicable	NB19T9
DE000NB19UA4	Not Applicable	NB19UA
	1.00 rippiicuoie	11017011

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

# 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)	Public 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:		Applicable
(v) 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