# 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
201,559	NG5GPK	DE000NG5GPK9	250,000	ING Long Commodity Open End Turbo Certificate
201,560	NG5GPL	DE000NG5GPL7	250,000	ING Long Commodity Open End Turbo Certificate
201,561	NG5GPM	DE000NG5GPM5	250,000	ING Long Commodity Open End Turbo Certificate
201,562	NG5GPN	DE000NG5GPN3	250,000	ING Long Commodity Open End Turbo Certificate
201,563	NG5GPP	DE000NG5GPP8	250,000	ING Long Commodity Open End Turbo Certificate
201,564	NG5GPQ	DE000NG5GPQ6	250,000	ING Long Commodity Open End Turbo Certificate
201,565	NG5GPR	DE000NG5GPR4	250,000	ING Long Commodity Open End Turbo Certificate
201,566	NG5GPS	DE000NG5GPS2	250,000	ING Long Commodity Open End Turbo Certificate
201,567	NG5GPT	DE000NG5GPT0	250,000	ING Long Commodity Open End Turbo Certificate
201,568	NG5GPU	DE000NG5GPU8	250,000	ING Long Commodity Open End Turbo Certificate
201,569	NG5GPV	DE000NG5GPV6	250,000	ING Long Commodity Open End Turbo Certificate
201,570	NG5GPW	DE000NG5GPW4	250,000	ING Long Commodity Open End Turbo Certificate
201,571	NG5GPX	DE000NG5GPX2	250,000	ING Long Commodity Open End Turbo Certificate
201,572	NG5GPY	DE000NG5GPY0	250,000	ING Long Commodity Open End Turbo Certificate
201,573	NG5GPZ	DE000NG5GPZ7	250,000	ING Long Commodity Open End Turbo Certificate
201,574	NG5GP0	DE000NG5GP05	250,000	ING Long Commodity Open End Turbo Certificate
201,575	NG5GP1	DE000NG5GP13	250,000	ING Long Commodity Open End Turbo Certificate
201,576	NG5GP2	DE000NG5GP21	250,000	ING Long Commodity Open End Turbo Certificate
201,577	NG5GP3	DE000NG5GP39	250,000	ING Long Commodity Open End Turbo Certificate
201,578	NG5GP4	DE000NG5GP47	250,000	ING Long Commodity Open End Turbo Certificate
201,579	NG5GP5	DE000NG5GP54	250,000	ING Long Commodity Open End Turbo Certificate
201,580	NG5GP6	DE000NG5GP62	250,000	ING Long Commodity Open End Turbo Certificate
201,581	NG5GP7	DE000NG5GP70	250,000	ING Long Commodity Open End Turbo

				Certificate
201,582	NG5GP8	DE000NG5GP88	250,000	ING Long Commodity Open End Turbo
				Certificate
201,583	NG5GP9	DE000NG5GP96	500,000	ING Long Commodity Open End Turbo
				Certificate
201,584	NG5GQA	DE000NG5GQA8	500,000	ING Long Commodity Open End Turbo
				Certificate
201,585	NG5GQB	DE000NG5GQB6	500,000	ING Long Commodity Open End Turbo
				Certificate
201,586	NG5GQC	DE000NG5GQC4	500,000	ING Long Commodity Open End Turbo
				Certificate
201,587	NG5GQD	DE000NG5GQD2	500,000	ING Long Commodity Open End Turbo
				Certificate
201,588	NG5GQE	DE000NG5GQE0	500,000	ING Long Commodity Open End Turbo
				Certificate
201,589	NG5GQF	DE000NG5GQF7	500,000	ING Long Commodity Open End Turbo
				Certificate
201,590	NG5GQG	DE000NG5GQG5	500,000	ING Long Commodity Open End Turbo
				Certificate
201,591	NG5GQH	DE000NG5GQH3	500,000	ING Long Commodity Open End Turbo
				Certificate
201,592	NG5GQJ	DE000NG5GQJ9	500,000	ING Long Commodity Open End Turbo
				Certificate
201,593	NG5GQK	DE000NG5GQK7	500,000	ING Long Commodity Open End Turbo
				Certificate
201,594	NG5GQL	DE000NG5GQL5	500,000	ING Long Commodity Open End Turbo
				Certificate
201,595	NG5GQM	DE000NG5GQM3	500,000	ING Long Commodity Open End Turbo
				Certificate
201,596	NG5GQN	DE000NG5GQN1	500,000	ING Long Commodity Open End Turbo
				Certificate
201,597	NG5GQP	DE000NG5GQP6	500,000	ING Long Commodity Open End Turbo
	1105000			Certificate
201,598	NG5GQQ	DE000NG5GQQ4	500,000	ING Long Commodity Open End Turbo
	1105000			Certificate
201,599	NG5GQR	DE000NG5GQR2	500,000	ING Long Commodity Open End Turbo
	NGTGGG	DE000MG7G0G0		Certificate
201,600	NG5GQS	DE000NG5GQS0	500,000	ING Long Commodity Open End Turbo
201 (01	NCSCOT	DECONICECOTO	500.000	Certificate
201,601	NG5GQT	DE000NG5GQT8	500,000	ING Long Commodity Open End Turbo
201 (02	NC5COLL	DECONICECOLIC	500,000	Certificate
201,602	NG5GQU	DE000NG5GQU6	500,000	ING Long Commodity Open End Turbo
201 (02	NG5GQV	DE000NG5GQV4	500,000	Certificate
201,603	NOSOQV	DE000NG3GQV4	500,000	ING Long Commodity Open End Turbo
201.604	NG5GQW	DE000NG5GQW2	500,000	Certificate ING Long Commodity Open End Turbo
201,604	NOSOQW	DE000NG3GQW2	300,000	Certificate
201 605	NG5GQX	DE000NG5GQX0	500,000	ING Long Commodity Open End Turbo
201,605	THOSOGA	Promingadyn	300,000	Certificate
201,606	NG5GQY	DE000NG5GQY8	500,000	ING Long Commodity Open End Turbo
201,000	11.03.001	DE00011030Q10	300,000	Certificate
201,607	NG5GQZ	DE000NG5GQZ5	500,000	ING Long Commodity Open End Turbo
201,007	1103002	DECOUNTION	300,000	Certificate
201,608	NG5GQ0	DE000NG5GQ04	500,000	ING Long Commodity Open End Turbo
201,000	1,35300	2200011030000	]500,000	Certificate
201,609	NG5GQ1	DE000NG5GQ12	500,000	ING Long Commodity Open End Turbo
201,007	11,000001	2200011000012	200,000	Lito Bong Commounty Open End 10100

				Certificate
201,610	NG5GQ2	DE000NG5GQ20	1,000,000	ING Long Commodity Open End Turbo
				Certificate
201,611	NG5GQ3	DE000NG5GQ38	1,000,000	ING Long Commodity Open End Turbo
				Certificate
201,612	NG5GQ4	DE000NG5GQ46	1,000,000	ING Long Commodity Open End Turbo
				Certificate
201,613	NG5GQ5	DE000NG5GQ53	1,000,000	ING Long Commodity Open End Turbo
				Certificate
201,614	NG5GQ6	DE000NG5GQ61	1,000,000	ING Long Commodity Open End Turbo
				Certificate
201,615	NG5GQ7	DE000NG5GQ79	1,000,000	ING Long Commodity Open End Turbo
			, , , , , , , , , , , , , , , , , , , ,	Certificate
201,616	NG5GQ8	DE000NG5GQ87	1,000,000	ING Long Commodity Open End Turbo
		`	-,,,,,,,,	Certificate
201,617	NG5GQ9	DE000NG5GQ95	200,000	ING Long Commodity Open End Turbo
				Certificate
201,618	NG5GRA	DE000NG5GRA6	200,000	ING Long Commodity Open End Turbo
			200,000	Certificate
201,619	NG5GRB	DE000NG5GRB4	200,000	ING Long Commodity Open End Turbo
201,019			200,000	Certificate Certificate
201,620	NG5GRC	DE000NG5GRC2	200,000	ING Long Commodity Open End Turbo
201,020		22000110001102	200,000	Certificate Commodity open End Turbo
201,621	NG5GRD	DE000NG5GRD0	200,000	ING Long Commodity Open End Turbo
201,021	1100010	DE0001100 GREO	200,000	Certificate Commodity open End Turbo
201,622	NG5GRE	DE000NG5GRE8	200,000	ING Long Commodity Open End Turbo
201,022	NOSORE	DECOUNTED	200,000	Certificate Certificate
201,623	NG5GRF	DE000NG5GRF5	200,000	ING Long Commodity Open End Turbo
201,023	Trop ora	DE00011000110	200,000	Certificate Commodity open End Turbo
201,624	NG5GRG	DE000NG5GRG3	200,000	ING Long Commodity Open End Turbo
201,024	rosono	DECOUNTES GREES	200,000	Certificate
201,625	NG5GRH	DE000NG5GRH1	200,000	ING Long Commodity Open End Turbo
201,023	Trop Gran	DE0001100 GIGIT	200,000	Certificate Commodity Open End Turbo
201,626	NG5GRJ	DE000NG5GRJ7	200,000	ING Long Commodity Open End Turbo
201,020	1,0001	D E O O O T O O O T O T	200,000	Certificate Commodity open End Furbo
201,627	NG5GRK	DE000NG5GRK5	200,000	ING Long Commodity Open End Turbo
201,027	11000111	D E O O O T O O O T O O O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O O T O T O O T O T O O T O T O O T O T O O T O	200,000	Certificate
201,628	NG5GRL	DE000NG5GRL3	200,000	ING Long Commodity Open End Turbo
201,020			200,000	Certificate Certificate
201,629	NG5GRM	DE000NG5GRM1	200,000	ING Long Commodity Open End Turbo
			200,000	Certificate
201,630	NG5GRN	DE000NG5GRN9	200,000	ING Long Commodity Open End Turbo
			200,000	Certificate
201,631	NG5GRP	DE000NG5GRP4	200,000	ING Long Commodity Open End Turbo
201,031			200,000	Certificate Certificate
201,632	NG5GRQ	DE000NG5GRQ2	200,000	ING Long Commodity Open End Turbo
201,032	riosonq	DE0001100011Q2	200,000	Certificate Commodity open End Furbo
201,633	NG5GRR	DE000NG5GRR0	200,000	ING Long Commodity Open End Turbo
201,033	1.05 GIGI	DECOMODORINO	200,000	Certificate
	NG5GRS	DE000NG5GRS8	500,000	ING Long Commodity Open End Turbo
201 634		PECCOLIGIONS	]500,000	
201,634	Trop one			
,		DE000NG5GRT6	500,000	Certificate  ING Long Commodity Open End Turbo
201,634	NG5GRT	DE000NG5GRT6	500,000	ING Long Commodity Open End Turbo
201,635	NG5GRT			ING Long Commodity Open End Turbo Certificate
,		DE000NG5GRT6  DE000NG5GRU4	500,000	ING Long Commodity Open End Turbo

				Certificate
201,638	NG5GRW	DE000NG5GRW0	500,000	ING Long Commodity Open End Turbo
				Certificate
201,639	NG5GRX	DE000NG5GRX8	500,000	ING Long Commodity Open End Turbo
				Certificate
201,640	NG5GRY	DE000NG5GRY6	500,000	ING Long Commodity Open End Turbo
				Certificate
201,641	NG5GRZ	DE000NG5GRZ3	500,000	ING Long Commodity Open End Turbo
,				Certificate
201,642	NG5GR0	DE000NG5GR03	250,000	ING Long Commodity Open End Turbo
- ,-				Certificate
201,643	NG5GR1	DE000NG5GR11	250,000	ING Long Commodity Open End Turbo
				Certificate
201,644	NG5GR2	DE000NG5GR29	250,000	ING Long Commodity Open End Turbo
, , ,				Certificate
201,645	NG5GR3	DE000NG5GR37	250,000	ING Long Commodity Open End Turbo
,			,	Certificate
201,646	NG5GR4	DE000NG5GR45	250,000	ING Long Commodity Open End Turbo
201,010				Certificate
201,647	NG5GR5	DE000NG5GR52	250,000	ING Long Commodity Open End Turbo
201,017			1250,000	Certificate
201,648	NG5GR6	DE000NG5GR60	250,000	ING Long Commodity Open End Turbo
201,010			250,000	Certificate
201,649	NG5GR7	DE000NG5GR78	250,000	ING Long Commodity Open End Turbo
201,049	11000117	DE0001100 GILTO	250,000	Certificate
201,650	NG5GR8	DE000NG5GR86	250,000	ING Long Commodity Open End Turbo
201,030	rigodio	DECOUNTED GROOT	250,000	Certificate
201,651	NG5GR9	DE000NG5GR94	250,000	ING Long Commodity Open End Turbo
201,031	1103010	DE0001103GIO1	250,000	Certificate
201,652	NG5GSA	DE000NG5GSA4	250,000	ING Long Commodity Open End Turbo
201,032	NOJOSA	DL00011G3G5A4	250,000	Certificate
201,653	NG5GSB	DE000NG5GSB2	250,000	ING Long Commodity Open End Turbo
201,033	NOJOSE	DE00011G3G5B2	250,000	Certificate
201,654	NG5GSC	DE000NG5GSC0	250,000	ING Long Commodity Open End Turbo
201,034	inds disc	DECOUNTEDED	250,000	Certificate
201,655	NG5GSD	DE000NG5GSD8	250,000	ING Long Commodity Open End Turbo
201,033	NGJGSD	DECOUNTEDED	250,000	Certificate
201,656	NG5GSE	DE000NG5GSE6	250,000	ING Long Commodity Open End Turbo
201,030	THOUGE	DE000110005E0	250,000	Certificate
201,657	NG5GSF	DE000NG5GSF3	250,000	ING Long Commodity Open End Turbo
201,037	11.00.001	2200011000010	250,000	Certificate
201,658	NG5GSG	DE000NG5GSG1	250,000	ING Long Commodity Open End Turbo
201,030	1100000	DECOUNTED GOOD	250,000	Certificate
201,659	NG5GSH	DE000NG5GSH9	250,000	ING Long Commodity Open End Turbo
201,037	11000011	DE0001(GC GSII)	250,000	Certificate
201,660	NG5GSJ	DE000NG5GSJ5	250,000	ING Long Commodity Open End Turbo
201,000	1103053	DE00011G3G535	250,000	Certificate
201,661	NG5GSK	DE000NG5GSK3	250,000	ING Long Commodity Open End Turbo
201,001	TIGOGIK	DEWOOTGOOGLES	250,000	Certificate Commodity Open End Turbo
201,662	NG5GSL	DE000NG5GSL1	250,000	ING Long Commodity Open End Turbo
201,002	INGJUSE	PEOONIGOUSEI	250,000	• • •
201 662	NG5GSM	DE000NG5GSM9	250,000	Certificate ING Long Commodity Open End Turbo
201,663	INGSOSIVI	DEGOGINGSGRINIA	230,000	• • •
201.664	NG5GSN	DE000NG5GSN7	250,000	Certificate
201,664	NGSGSN	DEUUUNG3GSN/	250,000	ING Long Commodity Open End Turbo
201 (()	NCSCCD	DE000MC5CGD2	250,000	Certificate
201,665	NG5GSP	DE000NG5GSP2	250,000	ING Long Commodity Open End Turbo

				Certificate
201,666	NG5GSQ	DE000NG5GSQ0	250,000	ING Long Commodity Open End Turbo
				Certificate
201,667	NG5GSR	DE000NG5GSR8	250,000	ING Long 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 Certifiates 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 25 March 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	
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:	I
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:	Long 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:	18 May 2022
6	Issue Date:	20 May 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
1.6	Entitlement:	A consciCed 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	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
201,55	DE000NG5 GPK9	250,000	0.65	113.620 000000 0	3.5	5.0	7.5	20.0	0.0	113.620 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPL7	250,000	0.89	113.370 000000 0	3.5	5.0	7.5	20.0	0.0	113.370 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPM5	250,000	1.13	113.120 000000 0	3.5	5.0	7.5	20.0	0.0	113.120 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPN3	250,000	1.37	112.870 000000 0	3.5	5.0	7.5	20.0	0.0	112.870 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPP8	250,000	1.61	112.620 000000 0	3.5	5.0	7.5	20.0	0.0	112.620 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPQ6	250,000	1.85	112.370 000000 0	3.5	5.0	7.5	20.0	0.0	112.370 000000 0	0.01	1.0	USD
201,56	DE000NG5	250,000	2.08	112.120	3.5	5.0	7.5	20.0	0.0	112.120	0.01	1.0	USD

5	GPR4		T	000000		1		1	1	000000			
				0						0			
201,56 6	DE000NG5 GPS2	250,000	2.32	111.870 000000 0	3.5	5.0	7.5	20.0	0.0	111.870 000000 0	0.01	1.0	USD
201,56 7	DE000NG5 GPT0	250,000	2.56	111.620 000000 0	3.5	5.0	7.5	20.0	0.0	111.620 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPU8	250,000	2.8	111.370 000000 0	3.5	5.0	7.5	20.0	0.0	111.370 000000 0	0.01	1.0	USD
201,56	DE000NG5 GPV6	250,000	3.04	111.120 000000 0	3.5	5.0	7.5	20.0	0.0	111.120 000000 0	0.01	1.0	USD
201,57	DE000NG5 GPW4	250,000	3.28	110.870 000000 0	3.5	5.0	7.5	20.0	0.0	110.870 000000 0	0.01	1.0	USD
201,57	DE000NG5 GPX2	250,000	3.52	110.620 000000 0	3.5	5.0	7.5	20.0	0.0	110.620 000000 0	0.01	1.0	USD
201,57	DE000NG5 GPY0	250,000	3.76	110.370 000000 0	3.5	5.0	7.5	20.0	0.0	110.370 000000 0	0.01	1.0	USD
201,57	DE000NG5 GPZ7	250,000	4.0	110.120 000000 0	3.5	5.0	7.5	20.0	0.0	110.120 000000 0	0.01	1.0	USD
201,57	DE000NG5 GP05	250,000	4.24	109.870 000000 0	3.5	5.0	7.5	20.0	0.0	109.870 000000 0	0.01	1.0	USD
201,57	DE000NG5 GP13	250,000	4.47	109.620 000000 0	3.5	5.0	7.5	20.0	0.0	109.620 000000 0	0.01	1.0	USD
201,57 6	DE000NG5 GP21	250,000	4.71	109.370 000000 0	3.5	5.0	7.5	20.0	0.0	109.370 000000 0	0.01	1.0	USD
201,57 7	DE000NG5 GP39	250,000	4.95	109.120 000000 0	3.5	5.0	7.5	20.0	0.0	109.120 000000 0	0.01	1.0	USD
201,57 8	DE000NG5 GP47	250,000	5.19	108.870 000000 0	3.5	5.0	7.5	20.0	0.0	108.870 000000 0	0.01	1.0	USD
201,57 9	DE000NG5 GP54	250,000	5.43	108.620 000000 0	3.5	5.0	7.5	20.0	0.0	108.620 000000 0	0.01	1.0	USD
201,58 0	DE000NG5 GP62	250,000	5.67	108.370 000000 0	3.5	5.0	7.5	20.0	0.0	108.370 000000 0	0.01	1.0	USD
201,58	DE000NG5 GP70	250,000	5.91	108.120 000000 0	3.5	5.0	7.5	20.0	0.0	108.120 000000 0	0.01	1.0	USD
201,58	DE000NG5 GP88	250,000	6.16	107.870 000000 0	3.5	5.0	7.5	20.0	0.0	107.870 000000 0	0.01	1.0	USD
201,58	DE000NG5 GP96	500,000	0.22	1821.72 000000 00	3.5	5.0	3.0	20.0	0.0	1821.72 000000 00	0.01	0.1	USD
201,58 4	DE000NG5 GQA8	500,000	0.36	1820.22 000000 00	3.5	5.0	3.0	20.0	0.0	1820.22 000000 00	0.01	0.1	USD
201,58	DE000NG5	500,000	0.51	1818.72	3.5	5.0	3.0	20.0	0.0	1818.72	0.01	0.1	USD

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201,58 6	DE000NG5 GQC4	500,000	0.65	1817.22 000000 00	3.5	5.0	3.0	20.0	0.0	1817.22 000000 00	0.01	0.1	USD
201,58 7	DE000NG5 GQD2	500,000	0.79	1815.72 000000 00	3.5	5.0	3.0	20.0	0.0	1815.72 000000 00	0.01	0.1	USD
201,58 8	DE000NG5 GQE0	500,000	0.94	1814.22 000000 00	3.5	5.0	3.0	20.0	0.0	1814.22 000000	0.01	0.1	USD
201,58 9	DE000NG5 GQF7	500,000	1.08	1812.72 000000 00	3.5	5.0	3.0	20.0	0.0	00 1812.72 000000 00	0.01	0.1	USD
201,59	DE000NG5 GQG5	500,000	1.22	1811.22 000000 00	3.5	5.0	3.0	20.0	0.0	1811.22 000000 00	0.01	0.1	USD
201,59	DE000NG5 GQH3	500,000	1.37	1809.72 000000 00	3.5	5.0	3.0	20.0	0.0	1809.72 000000 00	0.01	0.1	USD
201,59	DE000NG5 GQJ9	500,000	1.51	1808.22 000000 00	3.5	5.0	3.0	20.0	0.0	1808.22 000000 00	0.01	0.1	USD
201,59	DE000NG5 GQK7	500,000	1.65	1806.72 000000 00	3.5	5.0	3.0	20.0	0.0	1806.72 000000 00	0.01	0.1	USD
201,59 4	DE000NG5 GQL5	500,000	1.8	1805.22 000000 00	3.5	5.0	3.0	20.0	0.0	1805.22 000000 00	0.01	0.1	USD
201,59	DE000NG5 GQM3	500,000	1.94	1803.72 000000 00	3.5	5.0	3.0	20.0	0.0	1803.72 000000 00	0.01	0.1	USD
201,59	DE000NG5 GQN1	500,000	2.08	1802.22 000000 00	3.5	5.0	3.0	20.0	0.0	1802.22 000000 00	0.01	0.1	USD
201,59 7	DE000NG5 GQP6	500,000	2.23	1800.72 000000 00	3.5	5.0	3.0	20.0	0.0	1800.72 000000 00	0.01	0.1	USD
201,59 8	DE000NG5 GQQ4	500,000	2.37	1799.22 000000 00	3.5	5.0	3.0	20.0	0.0	1799.22 000000 00	0.01	0.1	USD
201,59 9	DE000NG5 GQR2	500,000	2.51	1797.72 000000 00	3.5	5.0	3.0	20.0	0.0	1797.72 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQS0	500,000	2.66	1796.22 000000 00	3.5	5.0	3.0	20.0	0.0	1796.22 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQT8	500,000	2.8	1794.72 000000 00	3.5	5.0	3.0	20.0	0.0	1794.72 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQU6	500,000	2.94	1793.22 000000 00	3.5	5.0	3.0	20.0	0.0	1793.22 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQV4	500,000	3.09	1791.72 000000 00	3.5	5.0	3.0	20.0	0.0	1791.72 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQW2	500,000	3.23	1790.22 000000 00	3.5	5.0	3.0	20.0	0.0	1790.22 000000 00	0.01	0.1	USD
201,60	DE000NG5	500,000	3.38	1788.72	3.5	5.0	3.0	20.0	0.0	1788.72	0.01	0.1	USD

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3	GQAO			00						00			
201,60 6	DE000NG5 GQY8	500,000	3.52	1787.22 000000 00	3.5	5.0	3.0	20.0	0.0	1787.22 000000 00	0.01	0.1	USD
201,60 7	DE000NG5 GQZ5	500,000	3.66	1785.72 000000 00	3.5	5.0	3.0	20.0	0.0	1785.72 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQ04	500,000	3.81	1784.22 000000 00	3.5	5.0	3.0	20.0	0.0	1784.22 000000 00	0.01	0.1	USD
201,60	DE000NG5 GQ12	500,000	3.95	1782.72 000000 00	3.5	5.0	3.0	20.0	0.0	1782.72 000000 00	0.01	0.1	USD
201,61 0	DE000NG5 GQ20	1,000,000	0.12	7.91500 00000	3.5	5.0	10.0	20.0	0.0	7.91500 00000	0.001	1.0	USD
201,61	DE000NG5 GQ38	1,000,000	0.22	7.81500 00000	3.5	5.0	10.0	20.0	0.0	7.81500 00000	0.001	1.0	USD
201,61 2	DE000NG5 GQ46	1,000,000	0.31	7.71500 00000	3.5	5.0	10.0	20.0	0.0	7.71500 00000	0.001	1.0	USD
201,61	DE000NG5 GQ53	1,000,000	0.41	7.61500 00000	3.5	5.0	10.0	20.0	0.0	7.61500 00000	0.001	1.0	USD
201,61 4	DE000NG5 GQ61	1,000,000	0.51	7.51500 00000	3.5	5.0	10.0	20.0	0.0	7.51500 00000	0.001	1.0	USD
201,61 5	DE000NG5 GQ79	1,000,000	0.6	7.41500 00000	3.5	5.0	10.0	20.0	0.0	7.41500 00000	0.001	1.0	USD
201,61	DE000NG5 GQ87	1,000,000	0.7	7.31500 00000	3.5	5.0	10.0	20.0	0.0	7.31500 00000	0.001	1.0	USD
201,61 7	DE000NG5 GQ95	200,000	1.96	1995.85 000000 00	3.5	5.0	5.0	20.0	0.0	1995.85 000000 00	0.01	0.1	USD
201,61 8	DE000NG5 GRA6	200,000	2.44	1990.85 000000 00	3.5	5.0	5.0	20.0	0.0	1990.85 000000 00	0.01	0.1	USD
201,61 9	DE000NG5 GRB4	200,000	2.92	1985.85 000000 00	3.5	5.0	5.0	20.0	0.0	1985.85 000000 00	0.01	0.1	USD
201,62 0	DE000NG5 GRC2	200,000	3.4	1980.85 000000 00	3.5	5.0	5.0	20.0	0.0	1980.85 000000 00	0.01	0.1	USD
201,62	DE000NG5 GRD0	200,000	3.87	1975.85 000000 00	3.5	5.0	5.0	20.0	0.0	1975.85 000000 00	0.01	0.1	USD
201,62	DE000NG5 GRE8	200,000	4.35	1970.85 000000 00	3.5	5.0	5.0	20.0	0.0	1970.85 000000 00	0.01	0.1	USD
201,62	DE000NG5 GRF5	200,000	4.83	1965.85 000000 00	3.5	5.0	5.0	20.0	0.0	1965.85 000000 00	0.01	0.1	USD
201,62 4	DE000NG5 GRG3	200,000	5.31	1960.85 000000 00	3.5	5.0	5.0	20.0	0.0	1960.85 000000 00	0.01	0.1	USD
201,62	DE000NG5 GRH1	200,000	5.79	1955.85 000000 00	3.5	5.0	5.0	20.0	0.0	1955.85 000000 00	0.01	0.1	USD
201,62	DE000NG5 GRJ7	200,000	6.26	1950.85 000000 00	3.5	5.0	5.0	20.0	0.0	1950.85 000000 00	0.01	0.1	USD
201,62 7	DE000NG5 GRK5	200,000	6.74	1945.85 000000	3.5	5.0	5.0	20.0	0.0	1945.85 000000	0.01	0.1	USD

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201,62 8	DE000NG5 GRL3	200,000	7.22	1940.85 000000 00	3.5	5.0	5.0	20.0	0.0	1940.85 000000 00	0.01	0.1	USD
201,62 9	DE000NG5 GRM1	200,000	7.7	1935.85 000000 00	3.5	5.0	5.0	20.0	0.0	1935.85 000000 00	0.01	0.1	USD
201,63 0	DE000NG5 GRN9	200,000	8.18	1930.85 000000 00	3.5	5.0	5.0	20.0	0.0	1930.85 000000 00	0.01	0.1	USD
201,63 1	DE000NG5 GRP4	200,000	8.65	1925.85 000000 00	3.5	5.0	5.0	20.0	0.0	1925.85 000000 00	0.01	0.1	USD
201,63	DE000NG5 GRQ2	200,000	9.13	1920.85 000000 00	3.5	5.0	5.0	20.0	0.0	1920.85 000000 00	0.01	0.1	USD
201,63	DE000NG5 GRR0	200,000	9.61	1915.85 000000 00	3.5	5.0	5.0	20.0	0.0	1915.85 000000 00	0.01	0.1	USD
201,63 4	DE000NG5 GRS8	500,000	0.33	21.2503 000000	3.5	5.0	4.0	20.0	0.0	21.2503 000000	0.000 1	1.0	USD
201,63	DE000NG5 GRT6	500,000	0.43	21.1503 000000	3.5	5.0	4.0	20.0	0.0	21.1503 000000	0.000	1.0	USD
201,63 6 201,63	DE000NG5 GRU4 DE000NG5	500,000	0.52	21.0503 000000 20.9503	3.5	5.0	4.0	20.0	0.0	21.0503 000000 20.9503	0.000 1 0.000	1.0	USD
7 201,63	GRV2 DE000NG5	500,000	0.62	20.9303 000000 20.8503	3.5	5.0	4.0	20.0	0.0	000000 20.8503	0.000	1.0	USD
8 201,63	GRW0 DE000NG5		0.81	000000	3.5	5.0	4.0	20.0	0.0	000000	1 0.000	1.0	USD
9 201,64	GRX8 DE000NG5	500,000	0.91	000000 20.6503	3.5	5.0	4.0	20.0	0.0	000000 20.6503	0.000	1.0	USD
0 201,64	GRY6 DE000NG5	500,000	1.0	000000 20.5503	3.5	5.0	4.0	20.0	0.0	000000 20.5503	0.000	1.0	USD
201,64 2	GRZ3 DE000NG5 GR03	250,000	0.66	000000 111.090 000000 0	3.5	5.0	7.5	20.0	0.0	000000 111.090 000000 0	0.01	1.0	USD
201,64	DE000NG5 GR11	250,000	0.9	110.840 000000 0	3.5	5.0	7.5	20.0	0.0	110.840 000000 0	0.01	1.0	USD
201,64 4	DE000NG5 GR29	250,000	1.14	110.590 000000 0	3.5	5.0	7.5	20.0	0.0	110.590 000000 0	0.01	1.0	USD
201,64 5	DE000NG5 GR37	250,000	1.38	110.340 000000 0	3.5	5.0	7.5	20.0	0.0	110.340 000000 0	0.01	1.0	USD
201,64 6	DE000NG5 GR45	250,000	1.62	110.090 000000 0	3.5	5.0	7.5	20.0	0.0	110.090 000000 0	0.01	1.0	USD
201,64 7	DE000NG5 GR52	250,000	1.85	109.840 000000 0	3.5	5.0	7.5	20.0	0.0	109.840 000000 0	0.01	1.0	USD
201,64 8	DE000NG5 GR60	250,000	2.09	109.590 000000 0	3.5	5.0	7.5	20.0	0.0	109.590 000000 0	0.01	1.0	USD
201,64 9	DE000NG5 GR78	250,000	2.33	109.340 000000 0	3.5	5.0	7.5	20.0	0.0	109.340 000000 0	0.01	1.0	USD

201,65	DE000NG5 GR86	250,000	2.57	109.090 000000 0	3.5	5.0	7.5	20.0	0.0	109.090 000000 0	0.01	1.0	USD
201,65	DE000NG5 GR94	250,000	2.81	108.840 000000 0	3.5	5.0	7.5	20.0	0.0	108.840 000000 0	0.01	1.0	USD
201,65	DE000NG5 GSA4	250,000	3.05	108.590 000000 0	3.5	5.0	7.5	20.0	0.0	108.590 000000 0	0.01	1.0	USD
201,65	DE000NG5 GSB2	250,000	3.29	108.340 000000 0	3.5	5.0	7.5	20.0	0.0	108.340 000000 0	0.01	1.0	USD
201,65 4	DE000NG5 GSC0	250,000	3.53	108.090 000000 0	3.5	5.0	7.5	20.0	0.0	108.090 000000 0	0.01	1.0	USD
201,65	DE000NG5 GSD8	250,000	3.77	107.840 000000 0	3.5	5.0	7.5	20.0	0.0	107.840 000000 0	0.01	1.0	USD
201,65 6	DE000NG5 GSE6	250,000	4.01	107.590 000000 0	3.5	5.0	7.5	20.0	0.0	107.590 000000 0	0.01	1.0	USD
201,65 7	DE000NG5 GSF3	250,000	4.25	107.340 000000 0	3.5	5.0	7.5	20.0	0.0	107.340 000000 0	0.01	1.0	USD
201,65 8	DE000NG5 GSG1	250,000	4.48	107.090 000000 0	3.5	5.0	7.5	20.0	0.0	107.090 000000 0	0.01	1.0	USD
201,65 9	DE000NG5 GSH9	250,000	4.72	106.840 000000 0	3.5	5.0	7.5	20.0	0.0	106.840 000000 0	0.01	1.0	USD
201,66 0	DE000NG5 GSJ5	250,000	4.96	106.590 000000 0	3.5	5.0	7.5	20.0	0.0	106.590 000000 0	0.01	1.0	USD
201,66	DE000NG5 GSK3	250,000	5.2	106.340 000000 0	3.5	5.0	7.5	20.0	0.0	106.340 000000 0	0.01	1.0	USD
201,66 2	DE000NG5 GSL1	250,000	5.44	106.090 000000 0	3.5	5.0	7.5	20.0	0.0	106.090 000000 0	0.01	1.0	USD
201,66	DE000NG5 GSM9	250,000	5.68	105.840 000000 0	3.5	5.0	7.5	20.0	0.0	105.840 000000 0	0.01	1.0	USD
201,66 4	DE000NG5 GSN7	250,000	5.92	105.590 000000 0	3.5	5.0	7.5	20.0	0.0	105.590 000000 0	0.01	1.0	USD
201,66 5	DE000NG5 GSP2	250,000	6.16	105.340 000000 0	3.5	5.0	7.5	20.0	0.0	105.340 000000 0	0.01	1.0	USD
201,66 6	DE000NG5 GSQ0	250,000	6.4	105.090 000000 0	3.5	5.0	7.5	20.0	0.0	105.090 000000 0	0.01	1.0	USD
201,66 7	DE000NG5 GSR8	250,000	6.64	104.840 000000 0	3.5	5.0	7.5	20.0	0.0	104.840 000000 0	0.01	1.0	USD

# ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

24	<b>Index Certificate Provisions</b>	Not Applicable	
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25	Share Certificate Provisions	Not Applicable
26	<b>Currency Certificate Provisions</b>	Not Applicable
		Tr
27	<b>Commodity Certificate Provisions</b>	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	Jouc		dity	Reference	fied	Delivery	Date	"	Time
the		ty	Referen	Dealers	Price	Daies		е	111116
				Dealers	Price				
Certifi			ce Price						
cates 201,55	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
9	G5GPK9	Crude Oil	-ICE	Bloomberg	The	Applicabl		Applicabl	of trading
	UJUI KJ	Crude On	-ICE	code: CON2	spot	e.	Applicable.	e	on the
				<cmdty> and</cmdty>	price	C.			Exchange
				after the first	P				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,56	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
0	G5GPL7	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first Rollover Date					
				the Bloomberg page referring					
				to the relevant					
				Futures					
				Contract.					
201,56	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
1	G5GPM5	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON2	spot	e.	FF	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
201.56	DE000N	Brant	Oil-Brent	Contract.	1	Not	Not	Not	The close
201,56	G5GPN3	Brent Crude Oil	-ICE	Bloomberg	The	Applicabl		Applicabl	of trading
	GOUPINS	Crude Oil	-ICE	code: CON2	spot		Applicable.	e	on the
				<cmdty> and</cmdty>	price	e.			Exchange
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				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
		L	<u> </u>	1 414105	L	<u> </u>	L	<u> </u>	

				Contract.					
201,56	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
3	G5GPP8	Crude Oil	-ICE	Bloomberg code: CON2 <cmdty> and</cmdty>	The spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
				after the first Rollover Date the Bloomberg page referring	F				Daendinge
				to the relevant Futures					
201.56	DEGGONI	D /	O'1 D 4	Contract.		NT 4	NT /	NT 4	7P1 1
201,56	DE000N G5GPQ6	Brent Crude Oil	Oil-Brent -ICE	Bloomberg code: CON2	The spot	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the
				<cmdty> and after the first Rollover Date the Bloomberg page referring</cmdty>	price				Exchange
				to the relevant Futures Contract.					
201,56		Brent		Initially	<u></u>	Not	Not	Not	The close
5	G5GPR4	Crude Oil	-ICE	Bloomberg	The		Applicable.	Applicabl	of trading
				code: CON2 <cmdty> and</cmdty>	spot	e.		е	on the
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
201,56		Brent		Initially		Not	Not	Not	The close
6	G5GPS2	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON2 <cmdty> and</cmdty>	spot price	e.		e	on the Exchange
				after the first	Pilee				Lachange
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
201,56	DE000N	Brent	Oil-Brent	Initially	The	Not Appliesbl	Not	Not Applicable	The close
7	G5GPT0	Crude Oil	-ICE	Bloomberg code: CON2	The spot	Applicabl e.	Applicable.	Applicabl e	of trading on the
				<cmdty> and</cmdty>	price	[°.			Exchange
				after the first					
				Rollover Date					
				the Bloomberg page referring					
				to the relevant					
				Futures					
201.56	DE000N	Dront	Oil-Brent	Contract.		Not	Not	Not	The close
201,56 8	G5GPU8	Brent Crude Oil	-ICE	Initially Bloomberg	The		Not Applicable.	Applicabl	of trading
	320108	Crude On	ICL	code: CON2	spot	e.	тррисавіс.	e	on the
				<cmdty> and</cmdty>	price				Exchange

				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,56	DE000N	Brent	Oil-Brent			Not	Not	Not	The close
9	G5GPV6	Crude Oil	-ICE	Bloomberg	The		Applicable.		of trading
1	0501 10	Crude on	ICL	code: CON2	spot	e.	Аррисавіс.	e	on the
				<cmdty> and</cmdty>	price	[ c.			Exchange
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
201.57	DECOON	Doort	O:1 D	Contract.		NI-4	NI-4	NI-4	Tl1
201,57		Brent		Initially	T1	Not	Not	Not	The close
0	G5GPW4	Crude Oil	-ICE	Bloomberg	The		Applicable.		of trading
				code: CON2	spot	e.		е	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.		ļ			
201,57		Brent	Oil-Brent			Not	Not	Not	The close
1	G5GPX2	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,57	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
2	G5GPY0	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON2	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.					
201,57	DE000N	Brent	Oil-Brent			Not	Not	Not	The close
1 ′	DEUUUN			Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
3			-ICE	Diodiliocig					
3	G5GPZ7	Crude Oil	-ICE	code: CON2		1	1.1		on the
3			-ICE	code: CON2	spot	e.	11	e	on the
3			-ICE	code: CON2 <cmdty> and</cmdty>		1	11		_
3			-ICE	code: CON2 <cmdty> and after the first</cmdty>	spot	1			on the
3			-ICE	code: CON2 <cmdty> and after the first Rollover Date</cmdty>	spot	1			on the
3			-ICE	code: CON2 <cmdty> and after the first Rollover Date the Bloomberg</cmdty>	spot	1			on the
3			-ICE	code: CON2 <cmdty> and after the first Rollover Date</cmdty>	spot	1			on the

				Futures					
				Contract.					
201,57	DE000N G5GP05	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON2 <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
201,57	G5GP13	Brent Crude Oil	Oil-Brent -ICE	Bloomberg code: CON2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	e.		Not Applicabl e	The close of trading on the Exchange
201,57	DE000N G5GP21	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON2 <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
201,57	G5GP39	Brent Crude Oil	Oil-Brent -ICE	Bloomberg code: CON2 <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
201,57	G5GP47	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON2 <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.	e	The close of trading on the Exchange
201,57	DE000N G5GP54	Brent Crude Oil	Oil-Brent -ICE	Initially Bloomberg code: CON2	The spot	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

	1		1	20 to 1		1			- 1
				<cmdty> and after the first</cmdty>	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring to the relevant					
				Futures					
				Contract.					
201,58	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
0	G5GP62	Crude Oil	-ICE	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
				code: CON2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
	DE000N	Brent		Initially		Not	Not	Not	The close
1	G5GP70	Crude Oil	-ICE	Bloomberg code: CON2	The	Applicabl	Applicable.		of trading
				<cmdty> and</cmdty>	spot price	e.		е	on the Exchange
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures Contract.					
201.58	DE000N	Brent	Oil-Brent	Initially		Not	Not	Not	The close
2	G5GP88	Crude Oil	-ICE	Bloomberg	The	Applicabl			of trading
				code: CON2	spot	e.	тършене.	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,58		Gold	Gold-Spo	GOLD SPOT	mi.	Not	Not	Not	The close
3	G5GP96		t	\$/OZ (Bloomberg	The	Applicabl	Applicable.		of trading on the
				code: XAU	spot price	e.		e	Exchange
				<crncy>)</crncy>	price				Lachange
201,58	DE000N	Gold	Gold-Spo	GOLD SPOT		Not	Not	Not	The close
4	G5GQA8		t	\$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
				(Bloomberg	spot	e.		е	on the
				code: XAU <crncy>)</crncy>	price				Exchange
				-Cincy-j					
201,58	DE000N	Gold	Gold-Spo	GOLD SPOT		Not	Not	Not	The close
5	G5GQB6		t	\$/OZ	The	Applicabl		Applicabl	of trading
				(Bloomberg	spot	e.		e	on the
	1			code: XAU	price				Exchange
		l							
				<crncy>)</crncy>					
201,58	DE000N	Gold	Gold-Spo	•		Not	Not	Not	The close

6	G5GQC4		t	\$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The spot price	Applicabl e.	Applicable.	Applicabl e	of trading on the Exchange
201,58 7	DE000N G5GQD2	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
201,58	DE000N G5GQE0	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
201,58	DE000N G5GQF7	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
201,59	DE000N G5GQG5	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
201,59	DE000N G5GQH3	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
201,59	DE000N G5GQJ9	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
201,59	DE000N G5GQK7	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
201,59	DE000N G5GQL5	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
201,59	DE000N G5GQM3	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

201,59	DE000N G5GQN1	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
201,59	DE000N G5GQP6	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
201,59	DE000N G5GQQ4	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
201,59	DE000N G5GQR2	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
201,60	DE000N G5GQS0	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
201,60	DE000N G5GQT8	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
201,60	DE000N G5GQU6	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
201,60	DE000N G5GQV4	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
201,60	DE000N G5GQW2	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
201,60	DE000N G5GQX0	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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201,60	DE000N G5GQY8	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
201,60	DE000N G5GQZ5	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
201,60	DE000N G5GQ04	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
201,60	DE000N G5GQ12	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
201,61	DE000N G5GQ20	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGM22 <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
201,61	DE000N G5GQ38	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGM22 <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
201,61	DE000N G5GQ46 DE000N	Natural Gas	Natural Gas-NY MEX	Initially Bloomberg code: NGM22 <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

2	050053	C	Gas-NY	Dloombore	The	Applical-1	A 1' 1'	Applicabl	of trading
3	G5GQ53	Gas	MEX	Bloomberg code: NGM22	spot		Applicable.	Applicabl e	of trading on the
			IVILA	<cmdty> and</cmdty>	price	e.		5	Exchange
				after the first	Pilot				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,61	DE000N	Natural	Natural	Initially		Not	Not	Not	The close
4	G5GQ61	Gas	Gas-NY	Bloomberg	The		Applicable.	Applicabl	of trading
			MEX	code: NGM22	spot	e.		е	on the
				<cmdty> and after the first</cmdty>	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,61	DE000N	Natural	Natural	Initially		Not	Not	Not	The close
5	G5GQ79	Gas	Gas-NY	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			MEX	code: NGM22	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,61	DE000N	Natural	Natural	Initially		Not	Not	Not	The close
6	G5GQ87	Gas	Gas-NY	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			MEX	code: NGM22	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,61	DE000N	Palladium	Palladiu	PALLADIUM		Not	Not	Not	The close
7	G5GQ95		m-Spot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	of trading
				(Bloomberg	spot	e.	11	e	on the
				code: XPD	price				Exchange
				<crncy>)</crncy>					
201,61	DE000N	Palladium	Palladiu	PALLADIUM		Not	Not	Not	The close
8	G5GRA6		m-Spot	SPOT \$/OZ	The	Applicabl	Applicable.	Applicabl	
				(Bloomberg	spot	e.		е	on the
				code: XPD <crncy>)</crncy>	price				Exchange
				\Cincy/j					
201,61	DE000N	Palladium	Palladiu	PALLADIUM	-	Not	Not	Not	The close
9	G5GRB4	ranadium	m-Spot	SPOT \$/OZ	The	Applicabl		Applicabl	of trading
<b> </b>	UJUND4		m-spot	(Bloomberg	spot	e.	Applicable.	e	on the
				code: XPD	price	<u>.</u>		<b> </b>	Exchange
				<crncy>)</crncy>					
				<u> </u>					

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201,62	DE000N G5GRC2	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRD0	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRE8	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRF5	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRG3	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRH1	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRJ7	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62 7	DE000N G5GRK5	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRL3	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,62	DE000N G5GRM1	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the

				<crncy>)</crncy>					Exchange
201,63	DE000N G5GRN9	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,63	DE000N G5GRP4	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,63	DE000N G5GRQ2	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,63	DE000N G5GRR0	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The spot price	Not Applicabl e.	Not Applicable.	Not Applicabl e	The close of trading on the Exchange
201,63	DE000N G5GRS8	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
201,63	DE000N G5GRT6	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
201,63	DE000N G5GRU4	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
201,63	DE000N G5GRV2	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
201,63	DE000N G5GRW0	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
201,63	DE000N G5GRX8	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg	The spot	Not Applicabl	Not Applicable.	Not Applicabl	The close of trading on the

				code: XAG	price	le.		le	Exchange
				<crncy>)</crncy>					
201,64	DE000N G5GRY6	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
201,64	DE000N G5GRZ3	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
201,64	G5GR03	WTI Crude Oil	OIL-WTI -NYME X	Bloomberg code: CLN2 <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	on the Exchange
201,64	DE000N G5GR11	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLN2 <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
201,64	G5GR29	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLN2 <cmdty> and after the first Rollover Date the Bloomberg page referring to the relevant Futures Contract.</cmdty>	The spot price	Not Applicabl e.		e	The close of trading on the Exchange
201,64	G5GR37	WTI Crude Oil	OIL-WTI -NYME X	Initially Bloomberg code: CLN2 <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.	e	The close of trading on the Exchange
201,64	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close

6	G5GR45	Crude Oil	-NYME	Bloomberg	The	Applicabl	A 1:1-1 -	Applicabl	of trading
	USUK45	Crude Oil	X	code: CLN2	spot	e.	Applicable.	e	on the
			Λ	<cmdty> and</cmdty>	price	[ c.			Exchange
				after the first	Piles				Lachunge
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,64	DE000N	WTI	OIL-WTI	Initially	-	Not	Not	Not	The close
7		1	-NYME	Bloomberg	The	Applicabl		Applicabl	of trading
'	G5GR52	Crude Oil		code: CLN2			Applicable.		on the
			X	<cmdty> and</cmdty>	spot	e.		e	
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
201.51	D = 0.001		0.11 11.1001	Contract.					
201,64		WTI	OIL-WTI	Initially		Not	Not	Not	The close
8	G5GR60	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,64	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
9	G5GR78	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,65	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
0	G5GR86	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
		<u> </u>		Contract.		<u>L</u>		<u>L</u>	<u> </u>
201,65	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
		Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
1	LG5GK94	Clude On	-1 4 1 1AIT				. ippiiouoio.		
1	G5GR94	Crude On		_	spot	e		e	on the
1	G3GR94	Crude On	X	code: CLN2	spot price	e.		e	
1	G5GR94	Crude On		code: CLN2 <cmdty> and</cmdty>	spot price	e.		e	on the Exchange
	G5GR94	Crude On		code: CLN2		e.		е	

				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201.65	DE000N	WTI	OIL-WTI			Not	Not	Not	The close
2	G5GSA4	Crude Oil	-NYME	Bloomberg	The				of trading
	U3USA4	Crude On		code: CLN2			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.					
201,65	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
3	G5GSB2	Crude Oil	-NYME	Bloomberg	The	Applicabl		Applicabl	of trading
	GJGBB2	Crude on	X	code: CLN2	spot	e.	Аррисавіс.	e	on the
			- X	<cmdty> and</cmdty>	price	6.			Exchange
				after the first	price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
201.65	DECOON	337TI		Contract.		<b>N</b> T 4	NT /	NT 4	TPI 1
201,65		WTI	OIL-WTI	Initially	rest.	Not	Not	Not	The close
4	G5GSC0	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,65	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
5	G5GSD8	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.	тършешоте.	e	on the
				<cmdty> and</cmdty>	price	<u> </u>			Exchange
				after the first	r				Enemange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
201,65	DE000N	WTI	OIL-WTI	Contract. Initially		Not	Not	Not	The close
1 1		1			The				
6	G5GSE6	Crude Oil	-NYME	Bloomberg		Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					

201.65	DECOUNT	WTI	OII WITI	Initialla.	i e	Not	Mot	Mat	The stare
201,65		WTI	OIL-WTI		The	Not	Not	Not	The close
7	G5GSF3	Crude Oil	-NYME	Bloomberg	The		Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,65	DE000N	WTI		Initially		Not	Not	Not	The close
8	G5GSG1	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	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.					
201,65	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
9	G5GSH9	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.	прриссен.	e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first	1				3 8
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
0	G5GSJ5	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
	35 3500		X	code: CLN2	spot	e.	rppheadic.	e	on the
				<cmdty> and</cmdty>	price	<b> </b> ~ .			Exchange
				after the first	1				
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
1	G5GSK3	Crude Oil	-NYME	Bloomberg	The	Applicabl		Applicabl	of trading
1	CACOCO	Cruuc Oll	X	code: CLN2	spot		Applicable.	e	on the
			^	<cmdty> and</cmdty>	price	e.		٥	Exchange
				after the first	Price				Exchange
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
201 55	DECOCI	11 / Fr	OH W	Contract.		NT :	<b>3</b> T (	<b>N</b> T /	mi i
201,66	DE000N	WTI	OIL-WTI	Initially	mi .	Not	Not	Not	The close
2	G5GSL1	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					

			•						
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66	DE000N	WTI		Initially		Not	Not	Not	The close
3	G5GSM9	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66	DE000N	WTI	OIL-WTI	Initially		Not	Not	Not	The close
4	G5GSN7	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66		WTI		Initially		Not	Not	Not	The close
5	G5GSP2	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66		WTI		Initially	<u></u>	Not	Not	Not	The close
6	G5GSQ0	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
				Futures					
				Contract.					
201,66		WTI		Initially		Not	Not	Not	The close
7	G5GSR8	Crude Oil	-NYME	Bloomberg	The	Applicabl	Applicable.	Applicabl	of trading
			X	code: CLN2	spot	e.		e	on the
				<cmdty> and</cmdty>	price				Exchange
				after the first					
				Rollover Date					
				the Bloomberg					
				page referring					
				to the relevant					
			<u> </u>	Futures	<u> </u>				
	•	-	-		-	-		-	-

		Contract.						
28	Fund Certificate Provisi	Not Applicable						
29	Government Bond Certi	Not Applicable						
30	Other Bond Certificate I	Provisions	Not Applicable					
31	Index Futures Certificat	Not Applicable						
Signe	d on behalf of the Issuer:							
Ву:								
Duly authorised								
D								
	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>
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>
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>

### 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
DE000NG5GPK9	Not Applicable	NG5GPK
DE000NG5GPL7	Not Applicable	NG5GPL
DE000NG5GPM5	Not Applicable	NG5GPM
DE000NG5GPN3	Not Applicable	NG5GPN
DE000NG5GPP8	Not Applicable	NG5GPP
DE000NG5GPQ6	Not Applicable	NG5GPQ

DE000NG5GPR4	Not Applicable	NGSCRD
DE000NG5GPS2	Not Applicable  Not Applicable	NG5GPR
DE000NG5GPT0	Not Applicable  Not Applicable	NG5GPS
DE000NG5GPU8	Not Applicable  Not Applicable	NG5GPU
DE000NG5GPV6	Not Applicable  Not Applicable	NG5GPU
DE000NG5GPW4	Not Applicable  Not Applicable	NG5GPV
DE000NG5GPX2	* *	NG5GPW
DE000NG5GPY0	Not Applicable  Not Applicable	NG5GPX
DE000NG5GPZ7	Not Applicable  Not Applicable	NG5GPY
DE000NG5GP05	* *	NG5GPZ
DE000NG5GP13	Not Applicable  Not Applicable	NG5GP0
DE000NG5GP21		NG5GP1
DE000NG5GP39	Not Applicable	NG5GP2
DE000NG5GP47	Not Applicable	NG5GP3
DE000NG5GP54	Not Applicable	NG5GP4
DE000NG5GP62	Not Applicable	NG5GP5
DE000NG5GP70	Not Applicable	NG5GP6
	Not Applicable	NG5GP7
DE000NG5GP88 DE000NG5GP96	Not Applicable	NG5GP8
	Not Applicable	NG5GP9
DE000NG5GQA8	Not Applicable	NG5GQA
DE000NG5GQB6	Not Applicable	NG5GQB
DE000NG5GQC4	Not Applicable	NG5GQC
DE000NG5GQD2	Not Applicable	NG5GQD
DE000NG5GQE0	Not Applicable	NG5GQE
DE000NG5GQF7	Not Applicable	NG5GQF
DE000NG5GQG5	Not Applicable	NG5GQG
DE000NG5GQH3	Not Applicable	NG5GQH
DE000NG5GQJ9	Not Applicable	NG5GQJ
DE000NG5GQK7	Not Applicable	NG5GQK
DE000NG5GQL5	Not Applicable	NG5GQL
DE000NG5GQM3	Not Applicable	NG5GQM
DE000NG5GQN1	Not Applicable	NG5GQN
DE000NG5GQP6	Not Applicable	NG5GQP
DE000NG5GQQ4	Not Applicable	NG5GQQ
DE000NG5GQR2	Not Applicable	NG5GQR
DE000NG5GQS0	Not Applicable	NG5GQS
DE000NG5GQT8	Not Applicable	NG5GQT
DE000NG5GQU6	Not Applicable	NG5GQU
DE000NG5GQV4	Not Applicable	NG5GQV
DE000NG5GQW2	Not Applicable	NG5GQW
DE000NG5GQX0	Not Applicable	NG5GQX
DE000NG5GQY8	Not Applicable	NG5GQY
DE000NG5GQZ5	Not Applicable	NG5GQZ
DE000NG5GQ04	Not Applicable	NG5GQ0
DE000NG5GQ12	Not Applicable	NG5GQ1
DE000NG5GQ20	Not Applicable	NG5GQ2
DE000NG5GQ38	Not Applicable	NG5GQ3
DE000NG5GQ46	Not Applicable	NG5GQ4
DE000NG5GQ53	Not Applicable	NG5GQ5
DE000NG5GQ61	Not Applicable	NG5GQ6
DE000NG5GQ79	Not Applicable	NG5GQ7
DE000NG5GQ87	Not Applicable	NG5GQ8
	<del>.</del>	

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DE000NG5GQ95	Not Applicable	NG5GQ9
DE000NG5GRA6	Not Applicable	NG5GRA
DE000NG5GRB4	Not Applicable	NG5GRB
DE000NG5GRC2	Not Applicable	NG5GRC
DE000NG5GRD0	Not Applicable	NG5GRD
DE000NG5GRE8	Not Applicable	NG5GRE
DE000NG5GRF5	Not Applicable	NG5GRF
DE000NG5GRG3	Not Applicable	NG5GRG
DE000NG5GRH1	Not Applicable	NG5GRH
DE000NG5GRJ7	Not Applicable	NG5GRJ
DE000NG5GRK5	Not Applicable	NG5GRK
DE000NG5GRL3	Not Applicable	NG5GRL
DE000NG5GRM1	Not Applicable	NG5GRM
DE000NG5GRN9	Not Applicable	NG5GRN
DE000NG5GRP4	Not Applicable	NG5GRP
DE000NG5GRQ2	Not Applicable	NG5GRQ
DE000NG5GRR0	Not Applicable	NG5GRR
DE000NG5GRS8	Not Applicable	NG5GRS
DE000NG5GRT6	Not Applicable	NG5GRT
DE000NG5GRU4	Not Applicable	NG5GRU
DE000NG5GRV2	Not Applicable	NG5GRV
DE000NG5GRW0	Not Applicable	NG5GRW
DE000NG5GRX8	Not Applicable	NG5GRX
DE000NG5GRY6	Not Applicable	NG5GRY
DE000NG5GRZ3	Not Applicable	NG5GRZ
DE000NG5GR03	Not Applicable	NG5GR0
DE000NG5GR11	Not Applicable	NG5GR1
DE000NG5GR29	Not Applicable	NG5GR2
DE000NG5GR37	Not Applicable	NG5GR3
DE000NG5GR45	Not Applicable	NG5GR4
DE000NG5GR52	Not Applicable	NG5GR5
DE000NG5GR60	Not Applicable	NG5GR6
DE000NG5GR78	Not Applicable	NG5GR7
DE000NG5GR86	Not Applicable	NG5GR8
DE000NG5GR94	Not Applicable	NG5GR9
DE000NG5GSA4	Not Applicable	NG5GSA
DE000NG5GSB2	Not Applicable	NG5GSB
DE000NG5GSC0	Not Applicable	NG5GSC
DE000NG5GSD8	Not Applicable	NG5GSD
DE000NG5GSE6	Not Applicable	NG5GSE
DE000NG5GSF3	Not Applicable	NG5GSF
DE000NG5GSG1	Not Applicable	NG5GSG
DE000NG5GSH9	Not Applicable	NG5GSH
DE000NG5GSJ5	Not Applicable	NG5GSJ
DE000NG5GSK3	Not Applicable	NG5GSK
DE000NG5GSL1	Not Applicable	NG5GSL
DE000NG5GSM9	Not Applicable	NG5GSM
DE000NG5GSN7	Not Applicable	NG5GSN
DE000NG5GSP2	Not Applicable	NG5GSP
DE000NG5GSQ0	Not Applicable  Not Applicable	NG5GSQ NG5GSQ
DE000NG5GSR8	Not Applicable  Not Applicable	<del>- 1</del>
PLOVOITGUGDIKO	Trot Applicable	NG5GSR

(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) 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