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
201,501			230,000	Certificate
201,565	NG5GPR	DE000NG5GPR4	250,000	ING Long Commodity Open End Turbo
201,000			200,000	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
		D FIGA ON LS - S - 1		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
		DEGODICECTO		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
• • • • • • •	NOTODE			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
				Certificate
201,598	NG5GQQ	DE000NG5GQQ4	500,000	ING Long Commodity Open End Turbo
				Certificate
201,599	NG5GQR	DE000NG5GQR2	500,000	ING Long Commodity Open End Turbo
				Certificate
201,600	NG5GQS	DE000NG5GQS0	500,000	ING Long Commodity Open End Turbo
				Certificate
201,601	NG5GQT	DE000NG5GQT8	500,000	ING Long Commodity Open End Turbo
				Certificate
201,602	NG5GQU	DE000NG5GQU6	500,000	ING Long Commodity Open End Turbo
				Certificate
201,603	NG5GQV	DE000NG5GQV4	500,000	ING Long Commodity Open End Turbo
				Certificate
201,604	NG5GQW	DE000NG5GQW2	500,000	ING Long Commodity Open End Turbo
				Certificate
201,605	NG5GQX	DE000NG5GQX0	500,000	ING Long Commodity Open End Turbo
				Certificate
201,606	NG5GQY	DE000NG5GQY8	500,000	ING Long Commodity Open End Turbo
,	-	_	Í	Certificate
201,607	NG5GQZ	DE000NG5GQZ5	500,000	ING Long Commodity Open End Turbo
,				Certificate
201,608	NG5GQ0	DE000NG5GQ04	500,000	ING Long Commodity Open End Turbo
. ,	Ì		,,	Certificate
201,609	NG5GQ1	DE000NG5GQ12	500,000	ING Long Commodity Open End Turbo

				Certificate
201,610	NG5GQ2	DE000NG5GQ20	1,000,000	ING Long Commodity Open End Turbo
	1105000	DEADAUGECOAD		Certificate
201,611	NG5GQ3	DE000NG5GQ38	1,000,000	ING Long Commodity Open End Turbo
	NG5004	DE000NG5004(Certificate
201,612	NG5GQ4	DE000NG5GQ46	1,000,000	ING Long Commodity Open End Turbo
	NG5005	DEGONICECOES	1	Certificate
201,613	NG5GQ5	DE000NG5GQ53	1,000,000	ING Long Commodity Open End Turbo
	NG500(Certificate
201,614	NG5GQ6	DE000NG5GQ61	1,000,000	ING Long Commodity Open End Turbo
201 (15	NC5CO7	DE000NC5CO70	1 000 000	Certificate
201,615	NG5GQ7	DE000NG5GQ79	1,000,000	ING Long Commodity Open End Turbo
201 (1)	NC5CO2	DE000NC5C007	1 000 000	Certificate
201,616	NG5GQ8	DE000NG5GQ87	1,000,000	ING Long Commodity Open End Turbo
201 (17	NC5CO0	DE000NC5C005	200.000	Certificate
201,617	NG5GQ9	DE000NG5GQ95	200,000	ING Long Commodity Open End Turbo
201 (10	NG5GRA	DE000NG5CDA6	200.000	Certificate
201,618	NUJUKA	DE000NG5GRA6	200,000	ING Long Commodity Open End Turbo Certificate
201,619	NG5GRB	DE000NG5GRB4	200,000	ING Long Commodity Open End Turbo
201,019	NOJOKD	DE000IN030KD4	200,000	Certificate
201,620	NG5GRC	DE000NG5GRC2	200,000	ING Long Commodity Open End Turbo
201,020	Nosoke	DE000110301C2	200,000	Certificate
201,621	NG5GRD	DE000NG5GRD0	200,000	ING Long Commodity Open End Turbo
201,021	NOJORD	DE0001103011D0	200,000	Certificate
201,622	NG5GRE	DE000NG5GRE8	200,000	ING Long Commodity Open End Turbo
201,022	NOJORE	DE000110301120	200,000	Certificate
201,623	NG5GRF	DE000NG5GRF5	200,000	ING Long Commodity Open End Turbo
201,025	in oboli	DECCONCEPCIALS	200,000	Certificate
201,624	NG5GRG	DE000NG5GRG3	200,000	ING Long Commodity Open End Turbo
201,021	1100 0110		200,000	Certificate
201,625	NG5GRH	DE000NG5GRH1	200,000	ING Long Commodity Open End Turbo
201,020			200,000	Certificate
201,626	NG5GRJ	DE000NG5GRJ7	200,000	ING Long Commodity Open End Turbo
- ,				Certificate
201,627	NG5GRK	DE000NG5GRK5	200,000	ING Long Commodity Open End Turbo
,			, i i i i i i i i i i i i i i i i i i i	Certificate
201,628	NG5GRL	DE000NG5GRL3	200,000	ING Long Commodity Open End Turbo
			, i i i i i i i i i i i i i i i i i i i	Certificate
201,629	NG5GRM	DE000NG5GRM1	200,000	ING Long Commodity Open End Turbo
				Certificate
201,630	NG5GRN	DE000NG5GRN9	200,000	ING Long Commodity Open End Turbo
				Certificate
201,631	NG5GRP	DE000NG5GRP4	200,000	ING Long Commodity Open End Turbo
				Certificate
201,632	NG5GRQ	DE000NG5GRQ2	200,000	ING Long Commodity Open End Turbo
				Certificate
201,633	NG5GRR	DE000NG5GRR0	200,000	ING Long Commodity Open End Turbo
				Certificate
201,634	NG5GRS	DE000NG5GRS8	500,000	ING Long Commodity Open End Turbo
				Certificate
201,635	NG5GRT	DE000NG5GRT6	500,000	ING Long Commodity Open End Turbo
				Certificate
201,636	NG5GRU	DE000NG5GRU4	500,000	ING Long Commodity Open End Turbo
				Certificate
201,637	NG5GRV	DE000NG5GRV2	500,000	ING Long Commodity Open End Turbo

	NGCONU	DEGOONGEEDING		Certificate
201,638	NG5GRW	DE000NG5GRW0	500,000	ING Long Commodity Open End Turbo
	NGCONY	DEGOOLGEODYO		Certificate
201,639	NG5GRX	DE000NG5GRX8	500,000	ING Long Commodity Open End Turbo
201 (10	NCCON	DEGOONCECDVC		Certificate
201,640	NG5GRY	DE000NG5GRY6	500,000	ING Long Commodity Open End Turbo
201 (41	NC5CD7	DE000NC5CD72	500.000	Certificate
201,641	NG5GRZ	DE000NG5GRZ3	500,000	ING Long Commodity Open End Turbo
201 (42	NG5GR0	DE000NG5GR03	250.000	Certificate
201,642	NGSGRU	DEUUUNGJORUJ	250,000	ING Long Commodity Open End Turbo
201 (12	NG5GR1	DE000NG5GR11	250,000	Certificate ING Long Commodity Open End Turbo
201,643	NOJOKI	DE00010030K11	230,000	Certificate
201,644	NG5GR2	DE000NG5GR29	250,000	ING Long Commodity Open End Turbo
201,044	NOJOK2	DE00011030129	230,000	Certificate
201,645	NG5GR3	DE000NG5GR37	250,000	ING Long Commodity Open End Turbo
201,045	11050105	DECOUNCESCIES	230,000	Certificate
201,646	NG5GR4	DE000NG5GR45	250,000	ING Long Commodity Open End Turbo
201,040	10000104	DE000110301143	230,000	Certificate
201,647	NG5GR5	DE000NG5GR52	250,000	ING Long Commodity Open End Turbo
201,047	1,050105		230,000	Certificate
201,648	NG5GR6	DE000NG5GR60	250,000	ING Long Commodity Open End Turbo
201,040	11020110	DECCONCESCICCO	230,000	Certificate
201,649	NG5GR7	DE000NG5GR78	250,000	ING Long Commodity Open End Turbo
201,047	11000117	DECCONCESCICIÓ	230,000	Certificate
201,650	NG5GR8	DE000NG5GR86	250,000	ING Long Commodity Open End Turbo
201,050	11020110	DE000110301100	230,000	Certificate
201,651	NG5GR9	DE000NG5GR94	250,000	ING Long Commodity Open End Turbo
201,001			230,000	Certificate
201,652	NG5GSA	DE000NG5GSA4	250,000	ING Long Commodity Open End Turbo
201,002			200,000	Certificate
201,653	NG5GSB	DE000NG5GSB2	250,000	ING Long Commodity Open End Turbo
				Certificate
201,654	NG5GSC	DE000NG5GSC0	250,000	ING Long Commodity Open End Turbo
- ,			,	Certificate
201,655	NG5GSD	DE000NG5GSD8	250,000	ING Long Commodity Open End Turbo
,			, i i i i i i i i i i i i i i i i i i i	Certificate
201,656	NG5GSE	DE000NG5GSE6	250,000	ING Long Commodity Open End Turbo
,			,	Certificate
201,657	NG5GSF	DE000NG5GSF3	250,000	ING Long Commodity Open End Turbo
				Certificate
201,658	NG5GSG	DE000NG5GSG1	250,000	ING Long Commodity Open End Turbo
				Certificate
201,659	NG5GSH	DE000NG5GSH9	250,000	ING Long Commodity Open End Turbo
				Certificate
201,660	NG5GSJ	DE000NG5GSJ5	250,000	ING Long Commodity Open End Turbo
				Certificate
201,661	NG5GSK	DE000NG5GSK3	250,000	ING Long Commodity Open End Turbo
				Certificate
201,662	NG5GSL	DE000NG5GSL1	250,000	ING Long Commodity Open End Turbo
				Certificate
201,663	NG5GSM	DE000NG5GSM9	250,000	ING Long Commodity Open End Turbo
				Certificate
201,664	NG5GSN	DE000NG5GSN7	250,000	ING Long Commodity Open End Turbo
				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 Certificates (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

1 (a) Series numb	per of the Certificates:	As specified in the table below
		• • • • • • • • • • • • • • • • • • • •
consolidated	and form a single series with the of an existing series:	
Certificates Certificates Certificates	f Certificates which may be Index , Share Certificates, Currency , Commodity Certificates, Fund , Government Bond Certificates or es Certificates:	
Certificates		Best Certificates (Marketing name: Open End Turbo, Sprinter Best or Turbo Best)
	such Certificates are Long or Short Certificates:	Long Certificates
3 Number of Certif	icates being issued:	As specified in the table below
4 Issue Price per C	ertificate:	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 Financin	g Level on the Trade Date:	As specified in the table below
9 Current Spread o	n the Trade Date:	As specified in the table below
10 Maximum Spread	d:	As specified in the table below
11 Current Stop Los	s Premium Rate on the Trade Date:	As specified in the table below
12 Maximum Premi	um:	As specified in the table below
13 Minimum Premiu	ım:	As specified in the table below
14 Stop Loss Price of	on the Trade Date:	As specified in the table below

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

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						
201,55	DE000NG5	250,000	0.65	113.620	3.5	5.0	7.5	20.0	0.0	113.620	0.01	1.0	USD
9	GPK9			000000						000000			
				0						0			
201,56	DE000NG5	250,000	0.89		3.5	5.0	7.5	20.0	0.0	113.370	0.01	1.0	USD
0	GPL7			000000						000000			
				0						0			
201,56	DE000NG5	250,000	1.13		3.5	5.0	7.5	20.0	0.0	113.120	0.01	1.0	USD
1	GPM5			000000						000000			
				0						0			
201,56	DE000NG5	250,000	1.37	112.870	3.5	5.0	7.5	20.0	0.0	112.870	0.01	1.0	USD
2	GPN3			000000						000000			
				0						0			
201,56	DE000NG5	250,000	1.61	112.620	3.5	5.0	7.5	20.0	0.0	112.620	0.01	1.0	USD
3	GPP8			000000						000000			
				0						0			
201,56	DE000NG5	250,000	1.85	112.370	3.5	5.0	7.5	20.0	0.0	112.370	0.01	1.0	USD
4	GPQ6			000000						000000			
				0						0			
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			000000						000000			
001.54	PEAAALGE			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 8	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 9	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 0	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 1	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 2	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 3	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 4	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 5	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
	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 1	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 2	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 3	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 00	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	1812.72 000000 00	0.01	0.1	USD
201,59 0	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 1	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 2	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 3	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 5	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 6	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 0	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 1	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 2	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 3	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 4	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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5				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 8	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 9	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 1	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 3	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 6	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 1	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 2	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 3	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 5	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 6	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 2	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 3	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	1.0	USD
201,63 5	DE000NG5 GRT6 DE000NG5	500,000	0.43	21.1503 000000 21.0503	3.5 3.5	5.0	4.0	20.0	0.0	21.1503 000000	0.000 1 0.000	1.0	USD
201,63 6 201,63	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 1.0	USD USD
201,03 7 201,63	GRV2 DE000NG5	500,000	0.02	20.9303 000000 20.8503	3.5	5.0	4.0	20.0	0.0	000000 20.8503	1 0.000	1.0	USD
8 201,63	GRW0 DE000NG5	500,000	0.81	20.0000 000000 20.7503	3.5	5.0	4.0	20.0	0.0	000000 20.7503	1	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	1 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	1 0.000	1.0	USD
1 201,64 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	1 0.01	1.0	USD
201,64 3	DE000NG5 GR11	250,000	0.9	110.840 000000 0	3.5	5.0	7.5	20.0	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 0	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 1	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 2	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 3	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 5	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 1	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 3	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	Index Certificate Provisions	Not Applicable
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25	Share Certificate Provisions	Not Applicable	
			1
26	Currency Certificate Provisions	Not Applicable	
27	Commodity Certificate Provisions	Applicable	
	U U	11	

Series Numb er of the Certifi cates	ISIN Code	(i) Commodi ty	(ii) Commo dity Referen ce Price	(iii) Price Source/ Reference Dealers	(iv) Speci fied Price	(v) Delivery Dates	(vi) Rollover Date	(vii) Exchang e	(viii) Valuation Time
201,55	DE000N G5GPK9	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,56	DE000N G5GPL7	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures		
							Contract of the		
201,56	DE000N G5GPM5	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,56	DE000N G5GPN3	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

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						volumes, a s	Date the		
						determin	Issue Date)		
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						Ũ	Days prior to		
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							trading date		
							of the		
							relevant		
							Futures		
							Contract of the		
201.56	DE000N	Drant	Oil Dread	Initially	The	(i) Einst	Commodity.	ICE	The class
201,56 3	G5GPP8	Brent	Oil-Brent -ICE	Bloomberg	The	(i) First nearby	A date, as determined	ICE Futures	The close of trading
5	UJUPPo	Crude Oil	-ICE	code: CON2	price	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	05 30115	Exchange
				after the first		expiratio	Agent, in the		Exenange
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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						the	the case of		
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							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201.56	DEOOON	Dront	Oil Deset	Initialla	The	(i) Ein-t	Commodity.	ICE	The stars
201,56 4	DE000N	Brent	Oil-Brent		The	(i) First	A date, as determined	ICE Futuros	The close
4	G5GPQ6	Crude Oil	-ICE	Bloomberg code: CON2	price	nearby month	by the	Futures US Softs	of trading on the
				<cmdty> and</cmdty>		of	Calculation	US SORS	Exchange
				after the first		expiratio	Agent, in the		Exchange
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
1	1				1	highest	the first	1	

	1					volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
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						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,56	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
5	G5GPR4	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
1				code: CON2	1 ·	month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		Ũ
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of the first		
						highest volumes, a			
						s s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						0.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of the		
201,56	DE000N	Brent	Oil-Brent	Initially	The	(i) First	Commodity. A date, as	ICE	The close
6	G5GPS2	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
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201,57	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
8	G5GP47	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
Ĭ	0.014/		ICL	code: CON2	P.100	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	00 0010	Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
							Futures Contract of the Commodity.		
201,57	DE000N G5GP54	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,58	DE000N G5GP62	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

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						the	not less than		
						Calculati	5		
						on	Commodity Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,58	DE000N	Brent	Oil-Brent	Initially	The	(i) First	A date, as	ICE	The close
1	G5GP70	Crude Oil	-ICE	Bloomberg	price	nearby	determined	Futures	of trading
		_		code: CON2	ľ	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the highest	the case of the first		
						volumes, a			
						s s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						8	Days prior to		
							the last		
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							relevant		
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							Contract of		
							the		
201.59	DE000M	Dront	Oil Dront	Initially	The	(i) Einst	Commodity.	ICE	The close
201,58 2		Brent Crude Oil	Oil-Brent	Bloomberg	I ne price	(i) First nearby	A date, as determined	ICE Futures	of trading
2	G5GP88	Crude Oil	-ICE	code: CON2	price	month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation	US SOIIS	Exchange
				after the first		expiratio	Agent, in the		Exchange
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
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201,58	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
5	G5GQB6		t	\$/OZ	price	nearby	determined	Futures	of trading
1				(Bloomberg	1	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
1				<crncy>)</crncy>		expiratio	Agent, in the		
				<i>,</i> ,		n or (ii)	period		
						the	commencing		
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						volumes, a	Rollover		
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						determin	Issue Date)		
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						Calculati	5		
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						0	Days prior to		
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201,58	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
6	G5GQC4		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
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201.50	DEGOON	0.11	0.110	COLDODOT	771	(') F ' (Commodity.	ICE	TT1 1
201,58 7	DE000N G5GQD2	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	(i) First nearby	A date, as determined	ICE Futures	The close of trading
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				code: XAU		of	Calculation	00 0010	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
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201.50	DEOCONT	0.11	0.110	COLDODOT	T1.		Commodity.	ICE	The s1
201,58 8	DE000N	Gold	Gold-Spo	GOLD SPOT \$/OZ	The price	(i) First nearby	A date, as determined	ICE Futures	The close of trading
0	G5GQE0		t	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation	00 0010	Exchange
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201.50	DEGOON	0.11	0.110	COLDEDOT	771		Commodity.	ICE	TT1 1
201,58 9	DE000N G5GQF7	Gold	Gold-Spo t	GOLD SPOT \$/OZ	The price	(i) First nearby	A date, as determined	ICE Futures	The close of trading
,	050017		ι	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
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						n or (ii) the	period		
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201,59		Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
0	G5GQG5		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg code: XAU		month of	by the Calculation	US Softs	on the
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
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							Futures		
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							Commodity.		
201,59	DE000N	Gold	Gold Spe	GOLD SPOT	The	(i) First	A date, as	ICE	The close
201,59		Gold	-	SOLD SPOT \$/OZ				Futures	
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						volumes, a	Rollover		
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							Commodity.		
201,59	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
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1				code: XAU		of	Calculation		Exchange
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201.50	DEGOON	a 11	0.110	COLDODOT	T 1		Commodity.	ICE	701 1
201,59 3	DE000N G5GQK7	Gold	-	GOLD SPOT \$/OZ	The price	(i) First nearby	A date, as determined	ICE Futures	The close of trading
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							the last trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201,59	DE000N	Cald	Gold-Spo	GOLD SPOT	The	(i) First	Commodity.	ICE	The close
201,59	G5GQL5	Gold	Gold-Spo t	GOLD SPOT \$/OZ	price	(1) First nearby	A date, as determined	Futures	of trading
	UJUQLJ		L	(Bloomberg	PILO	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Ŭ Į
						n or (ii)	period .		
						the month	commencing on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		

						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by the	and ending not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
			~ ~				Commodity.		
201,59		Gold	-	GOLD SPOT	The	(i) First	A date, as	ICE	The close
5	G5GQM3		t	\$/OZ	price	nearby	determined	Futures	of trading
1				(Bloomberg code: XAU		month of	by the Calculation	US Softs	on the
1				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				Sincy J		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin ed by	Issue Date) and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
1							relevant		
							Futures		
							Contract of the		
201,59	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	Commodity. A date, as	ICE	The close
6	G5GQN1	Jula	t	\$/OZ	price	nearby	determined	Futures	of trading
ľ	0.0001		L	(Bloomberg	pine	month	by the	US Softs	on the
				code: XAU		of	Calculation	00000	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
1						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in the case of		
						the	the case of		
						highest	the first		

						volumes, a			
						s determin	Date the Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201.50	DEOOON	0.11	C - 1 1 C	COLDEDOT	TL.	(i) Einst	Commodity.	ICE	The s1
201,59 7	DE000N G5GQP6	Gold	t Gold-Spo	GOLD SPOT \$/OZ	The price	(i) First nearby	A date, as determined	ICE Futures	The close of trading
/	UJUQF0		ι	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation	00000	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month of	on the		
						of expiratio	previous Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin ed by	Issue Date) and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date of the		
							relevant		
							Futures		
							Contract of		
							the		
201.50	DEOCONT	0.11	0.110	COLDODOT	T1.		Commodity.	ICE	The s1
201,59 8	DE000N	Gold	Gold-Spo	GOLD SPOT \$/OZ	The price	(i) First nearby	A date, as determined	ICE Futures	The close of trading
0	G5GQQ4		t	(Bloomberg	price	month	by the	US Softs	on the
				code: XAU		of	Calculation	000000	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month of	on the previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		

						volumes, a			
						s determin	Date the		
						ed by	Issue Date) and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Ũ	Days prior to		
							the last		
							trading date		
							of the		
							relevant Futures		
							Contract of		
							the		
							Commodity.		
201,59	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
9	G5GQR2		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	* ·	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month of	on the		
						expiratio	previous Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5 Commodity		
						on A cont	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201,60	DE000N	Cali	Gold-Spo	GOLD SPOT	The	(i) First	Commodity.	ICE	The close
201,60	G5GQS0	Gold	Gold-Spo t	GOLD SPOT \$/OZ	price	(1) First nearby	A date, as determined	Futures	of trading
	0200200		ι	(Bloomberg	Price	month	by the	US Softs	on the
				code: XAU		of	Calculation	00 0010	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		B*
				- ^		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in the case of		
						the	the case of the first		
						highest	the first		

						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by the	and ending not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
			~ ~				Commodity.		
201,60		Gold	-	GOLD SPOT	The	(i) First	A date, as	ICE	The close
1	G5GQT8		t	\$/OZ	price	nearby	determined	Futures	of trading
1				(Bloomberg code: XAU		month of	by the Calculation	US Softs	on the
1				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				Sincy J		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin ed by	Issue Date) and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
1							relevant		
							Futures		
							Contract of the		
201,60	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	Commodity. A date, as	ICE	The close
201,00	G5GQU6	Jula	t	\$/OZ	price	nearby	determined	Futures	of trading
[0.000		L	(Bloomberg	Pilee	month	by the	US Softs	on the
				code: XAU		of	Calculation	00000	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
1						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in the case of		
						the	the case of		
						highest	the first		

						volumes, a	Rollover Date the		
						s determin	Issue Date)		
						ed by the	and ending not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to the last		
							trading date		
							of the		
							relevant		
							Futures Contract of		
							the		
							Commodity.		
201,60		Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
3	G5GQV4		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month of	by the	US Softs	on the
				code: XAU <crncy>)</crncy>		of expiratio	Calculation Agent, in the		Exchange
				(Cilley)		n or (ii)	period		
						the	commencing		
						month of	on the		
						of expiratio	previous Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5 Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date of the		
							relevant		
							Futures		
							Contract of		
							the		
201,60	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	Commodity. A date, as	ICE	The close
4	G5GQW2	Julu	t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	1	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio n or (ii)	Agent, in the period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio n with	Rollover Date (or in		
						the	the case of		
						highest	the first		

	1	1	1	r		volumes, a	Rollover	· · · · · ·	
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Ũ	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,60		Gold	Gold-Spo		The	(i) First	A date, as	ICE	The close
5	G5GQX0		t	\$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the Calculati	not less than 5		
							5 Commodity		
						on	Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,60	DE000N	Gold	Gold-Spo	GOLD SPOT	The	(i) First	A date, as	ICE	The close
6	G5GQY8		t	\$/OZ	price	nearby	determined	Futures	of trading
	0.0210		·	(Bloomberg	1	month	by the	US Softs	on the
				code: XAU		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
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s Date the determin Issue Date) ed by and ending the not less than	
ed by and ending	
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trading date of the	
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Futures	
Contract of	
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Commodity.	
201,60DE000NGoldGold-SpoGOLD SPOTThe(i) FirstA date, asICE	The close
7G5GQZ5t\$/OZpricenearbydeterminedFutures	of trading
(Bloomberg month by the US Softs	on the
code: XAU of Calculation	Exchange
<pre><crncy>) expiratio Agent, in the n or (ii) period</crncy></pre>	
the commencing	
month on the	
of previous	
expiratio Rollover	
n with Date (or in	
the the case of	
highest the first volumes, a Rollover	
s Date the	
determin Issue Date)	
ed by and ending	
the not less than	
Calculati 5	
on Commodity	
Agent. Business	
Days prior to the last	
trading date	
of the	
relevant	
Futures	
Contract of	
the	
201,60 DE000N Gold Gold-Spo GOLD SPOT The (i) First A date, as ICE	The close
201,60DE000NGoldGold-SpoGOLD SPOTThe(i) FirstA date, asICE8G5GQ04t\$/OZpricenearbydeterminedFutures	of trading
(Bloomberg month by the US Softs	on the
code: XAU of Calculation	Exchange
<crncy>) expiratio Agent, in the</crncy>	0-
n or (ii) period	
the commencing	
month on the of previous	
of previous expiratio Rollover	
n with Date (or in	
the the case of	
highest the first	

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
201,60	DE000N G5GQ12	Gold	Gold-Spo t	GOLD SPOT \$/OZ (Bloomberg code: XAU <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the	ICE Futures US Softs	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

	i	I		1	1	volumes, a	Pollovar	1	1
						s s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201 (1	DEGGONI		NT / 1	T 11	701		Commodity.	LOE	771 1
201,61		Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
1	G5GQ38	Gas	Gas-NY	Bloomberg	price	nearby	determined	Futures	of trading
1			MEX	code: NGM22 <cmdty> and</cmdty>		month of	by the Calculation	US Softs	on the
1				after the first		expiratio	Agent, in the		Exchange
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
1							relevant		
1							Futures		
1							Contract of		
							the		
							Commodity.		
201,61	DE000N	Natural	Natural	Initially	The	(i) First	A date, as	ICE	The close
2	G5GQ46	Gas	Gas-NY	Bloomberg	price	nearby	determined	Futures	of trading
1			MEX	code: NGM22		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
1				Rollover Date		n or (ii)	period .		
1				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant Futures		of	previous Rollover		
				Contract.		expiratio n with	Date (or in		
				Contract.		the	the case of		
						highest	the first		
L					L	mgnest	une mot		

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
201,61	DE000N G5GQ53	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,61	DE000N G5GQ61	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
201,61	DE000N G5GQ79	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,61	DE000N G5GQ87	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
201,61	DE000N G5GQ95	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,61 8	DE000N G5GRA6	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
201,61	G5GRB4	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,62	DE000N G5GRC2	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

	1	i		i	i	volumes, a	Rollover	i	
						s s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Agent.	Days prior to		
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							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,62	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
1	G5GRD0	- unuununn	m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
1	555100		in spor	(Bloomberg	r	month	by the	US Softs	on the
				code: XPD		of	Calculation	00000	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
				5 /		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,62	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
2	G5GRE8		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period .		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
1						highest	the first		

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of		
201,62	DE000N G5GRF5	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of	ICE Futures US Softs	The close of trading on the Exchange
201,62	DE000N G5GRG3	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	the Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a	Rollover	ĺ	
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5 Commo dita		
						on	Commodity Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,62	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
5	G5GRH1		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	1	month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		-
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
			D II II			() =·	Commodity.		
201,62	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
6	G5GRJ7		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii) the	period commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
L					I	monost	and mot		

	i				<u> </u>	volumes, a	Rollover		
						s s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
							Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201 (2	DEOOON	D 11 1	D-11-1		T1	(i) Einst	Commodity.	ICE	T11
201,62		Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE Eutomod	The close
7	G5GRK5		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
1				<crncy>)</crncy>		expiratio	Agent, in the		
1						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,62	DE000N	Palladium	Palladiu	PALLADIUM	The	(i) First	A date, as	ICE	The close
8	G5GRL3		m-Spot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XPD		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
		1		1	1	highest	the first	1	

						volumes, a s determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
201,62	G5GRM1	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,63	DE000N G5GRN9	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the		
201,63	DE000N G5GRP4	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	Commodity. A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,63	DE000N G5GRQ2	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

						volumes, a s determin ed by the Calculati on Agent.	Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant		
							Futures Contract of the Commodity.		
201,63	DE000N G5GRR0	Palladium	Palladiu m-Spot	PALLADIUM SPOT \$/OZ (Bloomberg code: XPD <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange
201,63	DE000N G5GRS8	Silver	Silver-Sp ot	SILVER SPOT \$/OZ (Bloomberg code: XAG <crncy>)</crncy>	The price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first	ICE Futures US Softs	The close of trading on the Exchange

					Ī	volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity Business		
						Agent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,63		Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
5	G5GRT6		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
1				(Bloomberg		month	by the	US Softs	on the
1				code: XAG		of	Calculation		Exchange
1				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii) the	period commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the Calculati	not less than 5		
							5 Commodity		
						on A cont	Business		
						Agent.	Days prior to		
							the last		
1							trading date		
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							Contract of		
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201.52	DEGGG		0.1 2		- T1		Commodity.	LOF	
201,63	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE Eutomod	The close
6	G5GRU4		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading on the
1				(Bloomberg code: XAG		month of	by the Calculation	US Softs	
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
				(Critoyr)		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
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						volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by the	and ending not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures Contract of		
							the		
							Commodity.		
201,63	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
7	G5GRV2	Silver	ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg	1	month	by the	US Softs	on the
				code: XAG		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		_
						n or (ii)	period .		
						the	commencing		
						month of	on the previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by the	and ending		
						Calculati	not less than 5		
						on	Commodity		
						Agent.	Business		
						rigent.	Days prior to		
							the last		
							trading date		
							of the		
							relevant Futures		
							Futures Contract of		
							the		
							Commodity.		
201,63	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
8	G5GRW0	-	ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month	by the	US Softs	on the
				code: XAG		of	Calculation		Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		
						n or (ii)	period		
						the month	commencing on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		

						volumes, a	Rollover	1	
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date of the		
							relevant		
							Futures		
							Contract of		
							the		
201 (2	DE000N	0.1	Cileron Cre	SILVER	The	(i) First	Commodity.	ICE	The close
201,63 9		Silver	Silver-Sp	SILVER SPOT \$/OZ			A date, as determined	Futures	
7	G5GRX8		ot	(Bloomberg	price	nearby month	by the	US Softs	of trading on the
1				code: XAG		of	Calculation	US SOIIS	Exchange
				<crncy>)</crncy>		expiratio	Agent, in the		Exchange
1				(Cilley')		n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
1							of the relevant		
1							Futures		
							Contract of		
1							the		
1							Commodity.		
201,64	DE000N	Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE	The close
0	G5GRY6	SHVCI	ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
ľ	0.00010			(Bloomberg	P.100	month	by the	US Softs	on the
1				code: XAG		of	Calculation	000000	Exchange
1				<crncy>)</crncy>		expiratio	Agent, in the		
1				<i>,</i>		n or (ii)	period		
						the	commencing		
1						month	on the		
1						of	previous		
1						expiratio	Rollover		
						n with	Date (or in		
1						the	the case of		
1	1				I	highest	the first		

	İ					volumes, a	Rollover		
						s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of		
							the		
201 (1	DEGGON	~ 11	a:1 a		771		Commodity.	LOF	T 1 1
201,64		Silver	Silver-Sp	SILVER	The	(i) First	A date, as	ICE Externe	The close
1	G5GRZ3		ot	SPOT \$/OZ	price	nearby	determined	Futures	of trading
				(Bloomberg		month of	by the	US Softs	on the
1				code: XAG <crncy>)</crncy>			Calculation Agent, in the		Exchange
1				Cincy~j		expiratio n or (ii)	period		
						the	commencing		
						month	on the		
						of	previous		
						expiratio	Rollover		
						n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date		
							of the		
1							relevant		
1							Futures Contract of		
							the		
1							Commodity.		
201,64	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
201,04	G5GR03	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
	030103		X	code: CLN2	PILC	month	by the	US Softs	on the
1			21	<cmdty> and</cmdty>		of	Calculation	000000	Exchange
1				after the first		expiratio	Agent, in the		Linemange
1				Rollover Date		n or (ii)	period		
1				the Bloomberg		the	commencing		
1				page referring		month	on the		
1				to the relevant		of	previous		
1				Futures		expiratio	Rollover		
1				Contract.		n with	Date (or in		
1						the	the case of		
1	1					highest	the first		1

	volumes, a Rollover
	s Date the
	determin Issue Date)
	ed by and ending
	the not less than
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	on Commodity
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	Days prior to
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	trading date
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	relevant
	Futures
	Contract of
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	Commodity.
201,64 DE000N WTI OIL-WTI Initially The	(i) First A date, as ICE The close
3 G5GR11 Crude Oil -NYME Bloomberg price	nearby determined Futures of trading
X code: CLN2	month by the US Softs on the
<cmdty> and</cmdty>	of Calculation Exchange
after the first	expiratio Agent, in the
Rollover Date	n or (ii) period
the Bloomberg	the commencing month on the
page referring to the relevant	of previous
Futures	expiratio Rollover
Contract.	n with Date (or in
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	volumes, a Rollover
	s Date the
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	ed by and ending
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	Agent. Business
	Days prior to
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	trading date
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	Futures Contract of
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201,64 DE000N WTI OIL-WTI Initially The	Commodity.(i) FirstA date, asICEThe close
4 G5GR29 Crude Oil -NYME Bloomberg price	nearby determined Futures of trading
X code: CLN2	month by the US Softs on the
<pre>X code. CEN2 </pre> <pre></pre> <pre></pre>	of Calculation Exchange
after the first	expiratio Agent, in the
Rollover Date	n or (ii) period
the Bloomberg	the commencing
page referring	month on the
to the relevant	of previous
Futures	expiratio Rollover
Contract.	n with Date (or in
	the the case of
	highest the first

	1	1		1	l	volumes, a	Rollover	1	
						s s	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
						_	Days prior to		
							the last		
							trading date		
							of the		
							relevant		
							Futures		
							Contract of the		
201 (4	DEOOON	WTI	OIL WTI	T.: 141 - 11	T1	(i) Einst	Commodity.	ICE	T1 1
201,64 5		WTI	OIL-WTI		The	(i) First	A date, as	ICE Externe	The close
5	G5GR37	Crude Oil	-NYME	Bloomberg code: CLN2	price	nearby month	determined by the	Futures	of trading on the
1			Х	<cmdty> and</cmdty>		of	by the Calculation	US Softs	
				after the first		expiratio	Agent, in the		Exchange
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a			
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
						the	not less than		
						Calculati	5		
						on	Commodity		
						Agent.	Business		
							Days prior to		
							the last		
							trading date of the		
							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,64	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
6	G5GR45	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			Х	code: CLN2	ľ	month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
1				the Bloomberg		the	commencing		
1				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		

7G5GR52Crude Oil-NYMEBloomberg code: CLN2pricenearby monthdeterminedFuturesof tr0US Softson th	e close rading he change
201,64DE000NWTI Crude OilOIL-WTI NYME XInitially Bloomberg XThe code: CLN2 code: CLN2 <cmdty> and after the first Rollover DateThe price(i) First not less than 5 Days prior to the last trading date of the relevant Futures Contract of the DE000NWTI CIL-WTI VILOIL-WTI Initially SoftsInitially Price NGThe price not less than the NGICE Futures Contract of the Contract of the Contract of the Commodity.The price not less than trading date of the relevant Futures Contract of the Contract of the Commodity.ICE The futures the Contract of the Contract of the Contract of the Commodity.The futures the the Contract of the Contract of the Commodity.ICE the<br <="" th=""/><th>rading he</th></br></br></br></cmdty>	rading he
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201,64DE000NWTI G5GR52OIL-WTI Crude OilInitially NYME 	rading he
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201,64DE000N G5GR52WTI Crude OilOIL-WTI -NYME 	rading he
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7G5GR52Crude Oil-NYME XBloomberg code: CLN2 <cmdty> and after the first Rollover Datepricenearby nearby monthdetermined by the calculation Agent, in the periodFutures of tr US Softsof tr on th Excl</br></cmdty>	rading he
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							Commodity.		
201,64	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
9	G5GR78	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
ſ	5.50070		X	code: CLN2	r	month	by the	US Softs	on the
			2 L	<cmdty> and</cmdty>		of	Calculation	55 5016	Exchange
1				after the first		expiratio	Agent, in the		Literunge
1				Rollover Date		n or (ii)	period		
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						volumes, a	Rollover		
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							Contract of		
							the		
			-				Commodity.		
201,65	DE000N	WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
0	G5GR86	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period .		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
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						volumes, a	Rollover Date the		
						s determin	Issue Date)		
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						the	not less than		
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							Contract of		
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	D D O O O I		A	- 1.1 II		(1) = 1	Commodity.	105	
201,65		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
1	G5GR94	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
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						Calculati	5		
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201,65	DE000N	WTI	OIL-WTI	Initially	The	(i) First	Commodity. A date, as	ICE	The close
201,65			-NYME	Bloomberg	price	(I) First nearby	A date, as determined	Futures	of trading
2	G5GSA4	Crude Oil		code: CLN2	price	month	by the	US Softs	on the
1			Х	<cmdty> and</cmdty>		of	Calculation	US SORS	
1				after the first		expiratio	Agent, in the		Exchange
				Rollover Date		n or (ii)	period		
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				Futures		expiratio	Rollover		
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							trading date		
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							relevant		
							Futures		
							Contract of		
							the		
							Commodity.		
201,65	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
3	G5GSB2	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
Ĩ	050002		X	code: CLN2	Pile	month	by the	US Softs	on the
1			**	<cmdty> and</cmdty>		of	Calculation	000000	Exchange
1				after the first		expiratio	Agent, in the		Literunge
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
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				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						s	Date the		
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			-				Commodity.		
201,65	DE000N	WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
4	G5GSC0	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period .		
				the Bloomberg		the	commencing		
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				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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							Commodity.		
201,65	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
5	G5GSD8	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			X	code: CLN2	r	month	by the	US Softs	on the
1			2 1	<cmdty> and</cmdty>		of	Calculation	00 0010	Exchange
1				after the first		expiratio	Agent, in the		Linemange
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
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						Calculati	5		
						on	Commodity		
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1							Futures		
							Contract of		
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							Commodity.		
201,65		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
6	G5GSE6	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
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	i	i		i	i	volumes, a	Rollover		
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						ed by	and ending		
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						Calculati	5		
						on	Commodity		
						Agent.	Business		
						Ũ	Days prior to		
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							Contract of		
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							Commodity.		
201,65		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
7	G5GSF3	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
1				Rollover Date		n or (ii)	period .		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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						highest	the first		
						volumes, a			
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1							Contract of		
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							Commodity.		
201,65	DE000N	WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
8	G5GSG1	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
1				Rollover Date		n or (ii)	period		
1				the Bloomberg		the	commencing		
1				page referring		month	on the		
				to the relevant		of	previous Rollover		
				Futures		expiratio n with	Rollover		
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							the		
							Commodity.		
201,65	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
9	G5GSH9	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
ſ			X	code: CLN2	r	month	by the	US Softs	on the
			2 1	<cmdty> and</cmdty>		of	Calculation	55 50165	Exchange
1				after the first		expiratio	Agent, in the		Linemange
1				Rollover Date		n or (ii)	period		
1				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		
						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
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						Calculati	5		
						on	Commodity		
						Agent.	Business		
						0	Days prior to		
							the last		
							trading date		
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							Futures		
							Contract of		
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							Commodity.		
201,66		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
0	G5GSJ5	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
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						Agent.	Days prior to		
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							Futures		
							Contract of		
							the		
							Commodity.		
201,66	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
1	G5GSK3	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1	GJUDKJ		X	code: CLN2	Pile	month	by the	US Softs	on the
			2 X	<cmdty> and</cmdty>		of	Calculation	00 0010	Exchange
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				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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						volumes, a	Rollover		
						S	Date the		
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							Contract of		
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							Commodity.		
201,66		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
2	G5GSL1	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
1				page referring		month	on the		
				to the relevant		of	previous		
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							relevant		
							Futures		
							Contract of		
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							Commodity.		
201,66	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
3	G5GSM9	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
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1				<cmdty> and</cmdty>		of	Calculation	0.0010	Exchange
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1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
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						volumes, a	Rollover		
						S	Date the		
						determin	Issue Date)		
						ed by	and ending		
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	DEGGG		<u></u>	T 1.1 11		() - :	Commodity.	LOF	
201,66		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
4	G5GSN7	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
1				after the first		expiratio	Agent, in the		
1				Rollover Date		n or (ii)	period		
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				to the relevant Futures			previous Rollover		
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						Calculati	5		
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	DEGGOIL		A			(1)	Commodity.	105	
201,66		WTI	OIL-WTI		The	(i) First	A date, as	ICE	The close
5	G5GSP2	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
1			Х	code: CLN2		month of	by the Calculation	US Softs	on the
				<cmdty> and after the first</cmdty>		of expiratio	Agent, in the		Exchange
1				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
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							of the		
							relevant		
1							Futures		
							Contract of		
							the		
							Commodity.		
201,66	DE000N	WTI	OIL-WTI	Initially	The	(i) First	A date, as	ICE	The close
6	G5GSQ0	Crude Oil	-NYME	Bloomberg	price	nearby	determined	Futures	of trading
			Х	code: CLN2	ľ	month	by the	US Softs	on the
1				<cmdty> and</cmdty>		of	Calculation		Exchange
				after the first		expiratio	Agent, in the		
				Rollover Date		n or (ii)	period		
				the Bloomberg		the	commencing		
1				page referring		month	on the		
				to the relevant		of	previous		
				Futures		expiratio	Rollover		
				Contract.		n with	Date (or in		
						the	the case of		
						highest	the first		

						volumes, a s determin ed by the Calculati on Agent.	Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.		
201,66	DE000N G5GSR8	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 price	(i) First nearby month of expiratio n or (ii) the month of expiratio n with the highest volumes, a s determin ed by the Calculati on Agent.	A date, as determined by the Calculation Agent, in the period commencing on the previous Rollover Date (or in the case of the first Rollover Date the Issue Date) and ending not less than 5 Commodity Business Days prior to the last trading date of the relevant Futures Contract of the Commodity.	ICE Futures US Softs	The close of trading on the Exchange

28	Fund Certificate Provisions	Not Applicable
29	Government Bond Certificate Provisions	Not Applicable
30	Other Bond Certificate Provisions	Not Applicable
31	Index Futures Certificate Provisions	Not Applicable

Signed on behalf of the Issuer:

By:

Duly authorised

By:

Duly authorised

PART B – OTHER INFORMATION

1 LISTING

(i) Listing:	The Freiverkehr section of the Frankfurt Stock Exchange
(ii) Admission to trading:	Application is expected to be made by the Issuer (or on its behalf) for the Certificates to be admitted to trading

on The Freiverkehr section of the Frankfurt Stock

(iii)	Estimate of total expenses related to admission to	EUR 500
	trading:	

Exchange

2 RATINGS

Ratings:	The Certificates to be issued will not be rated

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
	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	NCCODD
DE000NG5GPS2	Not Applicable	NG5GPR
DE000NG5GPT0	Not Applicable Not Applicable	NG5GPS
DE000NG5GPU8	Not Applicable	NG5GPT
DE000NG5GPV6	Not Applicable	NG5GPU
DE000NG5GPW4	Not Applicable	NG5GPV
DE000NG5GPX2	**	NG5GPW
DE000NG5GPY0	Not Applicable	NG5GPX
DE000NG5GPZ7	Not Applicable Not Applicable	NG5GPY
DE000NG5GP05	**	NG5GPZ
DE000NG5GP13	Not Applicable	NG5GP0
DE000NG5GP21	Not Applicable	NG5GP1
DE000NG5GP21 DE000NG5GP39	Not Applicable	NG5GP2
DE000NG5GP47	Not Applicable	NG5GP3
	Not Applicable	NG5GP4
DE000NG5GP54	Not Applicable	NG5GP5
DE000NG5GP62	Not Applicable	NG5GP6
DE000NG5GP70	Not Applicable	NG5GP7
DE000NG5GP88	Not Applicable	NG5GP8
DE000NG5GP96	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

DE000NG5GQ95 DE000NG5GRA6 DE000NG5GRB4 DE000NG5GRC2 DE000NG5GRD0	Not Applicable Not Applicable Not Applicable	NG5GQ9 NG5GRA
DE000NG5GRB4 DE000NG5GRC2	**	NG5GRA
DE000NG5GRC2		
	Not Applicable	NG5GRB
	Not Applicable	NG5GRC
DE000NG5GRE8	**	NG5GRD
DE000NG5GRF5	Not Applicable	NG5GRE
DE000NG5GRG3	Not Applicable	NG5GRF
DE000NG5GRH1	Not Applicable	NG5GRG
DE000NG5GRJ7	Not Applicable	NG5GRH
DE000NG5GRK5	Not Applicable	NG5GRJ
	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	NG5GSQ
DE000NG5GSR8	Not Applicable	NG5GSR

8 DISTRIBUTION

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

9 GENERAL

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

ANNEX

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