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.

S&P 500 Index is provided by S&P Dow Jones Indices LLC. S&P Dow Jones Indices LLC appears in the register of administrators and benchmarks established and maintained by ESMA pursuant to Article 36 of the Benchmark Regulation.

Dow Jones Industrial Average Index is provided by S&P Dow Jones Indices LLC. S&P Dow Jones Indices LLC appears in the register of administrators and benchmarks established and maintained by ESMA pursuant to Article 36 of the Benchmark Regulation.

NASDAQ 100 Stock Index is provided by The Nasdaq Stock Market, Inc.. The Nasdaq Stock Market, Inc. does not appear in the register of administrators and benchmarks established and maintained by ESMA pursuant to Article 36 of the Benchmark Regulation.

EURO STOXX 50® (Price) Index is provided by Stoxx Ltd.. Stoxx Ltd. appears in the register of administrators and benchmarks established and maintained by ESMA pursuant to Article 36 of the Benchmark Regulation.

DAX® Index is provided by Stoxx ltd. Stoxx ltd appears in the register of administrators and benchmarks established and maintained by ESMA pursuant to Article 36 of the Benchmark Regulation.

As far as the Issuer is aware, the transitional provisions in Article 51 of the Benchmark Regulation apply, such that The Nasdaq Stock Market, Inc. is currently not required to obtain authorisation or registration (or, if located outside the European Union, recognition, endorsement or equivalence).

Final Terms dated 05 November 2019

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
102684	NG2VPU	DE000NG2VPU4	2000000	ING Long Index Open End Turbo

				Certificate
102685	NG2VPV	DE000NG2VPV2	2000000	ING Long Index Open End Turbo
				Certificate
102686	NG2VPW	DE000NG2VPW0	2000000	ING Long Index Open End Turbo
				Certificate
102687	NG2VPX	DE000NG2VPX8	2000000	ING Long Index Open End Turbo
				Certificate
102688	NG2VPY	DE000NG2VPY6	2000000	ING Long Index Open End Turbo
				Certificate
102689	NG2VPZ	DE000NG2VPZ3	2000000	ING Long Index Open End Turbo
				Certificate
102690	NG2VP0	DE000NG2VP09	2000000	ING Long Index Open End Turbo
				Certificate
102691	NG2VP1	DE000NG2VP17	2000000	ING Long Index Open End Turbo
				Certificate
102692	NG2VP2	DE000NG2VP25	2000000	ING Long Index Open End Turbo
				Certificate
102693	NG2VP3	DE000NG2VP33	2000000	ING Long Index Open End Turbo
				Certificate
102694	NG2VP4	DE000NG2VP41	2000000	ING Long Index Open End Turbo
				Certificate
102695	NG2VP5	DE000NG2VP58	2000000	ING Long Index Open End Turbo
				Certificate
102696	NG2VP6	DE000NG2VP66	2000000	ING Long Index Open End Turbo
				Certificate
102697	NG2VP7	DE000NG2VP74	2000000	ING Long Index Open End Turbo
				Certificate
102698	NG2VP8	DE000NG2VP82	2000000	ING Long Index Open End Turbo
				Certificate
102699	NG2VP9	DE000NG2VP90	2000000	ING Long Index Open End Turbo
				Certificate
102700	NG2VQA	DE000NG2VQA4	2000000	ING Long Index Open End Turbo
				Certificate
102701	NG2VQB	DE000NG2VQB2	2000000	ING Long Index Open End Turbo
				Certificate
102702	NG2VQC	DE000NG2VQC0	2000000	ING Long Index Open End Turbo
				Certificate
102703	NG2VQD	DE000NG2VQD8	2000000	ING Long Index Open End Turbo
				Certificate
102704	NG2VQE	DE000NG2VQE6	2000000	ING Long Index Open End Turbo
				Certificate
102705	NG2VQF	DE000NG2VQF3	2000000	ING Long Index 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 that Public Offer Jurisdiction mentioned in the Paragraph Distribution of Part B below, provided such person is of a kind specified in that paragraph; 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 the Prospectus Directive or to supplement a prospectus pursuant to Article 16 of the Prospectus Directive, 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.

PART A - CONTRACTUAL TERMS

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 this Base Prospectus dated 6 May 2019 as supplemented from time to time (the "Prospectus") which constitutes a base prospectus for the purposes of Directive 2003/71/EC, as amended, to the extent that such amendments have been implemented in the relevant Member State of the European Economic Area, (the "Prospectus Directive"). This document constitutes the Final Terms applicable to the issue of Certificates described herein for the purposes of Article 5.4 of the Prospectus Directive (as implemented by the Dutch Financial Supervision Act (*Wet op het financieel toezicht*) and its implementing regulations) and must be read in conjunction with such Prospectus. Full information on the Issuer and the offer of the Certificates is only available on the basis of the combination of these Final Terms and the Prospectus. Copies of the Prospectus 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 website www.ingmarkets.de.

GENERAL DESCRIPTION OF THE CERTIFICATES

1	(a) Series number of the Certificates:	As specified in the table below			
	(b) Whether or not the Certificates are to be consolidated and form a single series with the Certificates of an existing series:				
2	(a) The type of Certificates which may be Index Certificates, Share Certificates, Currency Certificates, Commodity Certificates, Fund Certificates, Government Bond Certificates or Index Futures Certificates:				
		Best Certificates (Marketing name: Open End Turbos)			
	(c) Whether such Certificates are Long Certificates or Short Certificates:	Long Certificates			
3	Number of Certificates being issued:	As specified in the table below			
4	Issue Price per Certificate:	As specified in the table below			
5	Trade Date:	06 November 2019			
6	Issue Date:	08 November 2019			
7	"as-if-and-when-issued" trading:	Not Applicable			
8	Current Financing Level on the Trade Date:	As specified in the table below			
9	Current Spread on the Trade Date:	As specified in the table below			
10	Maximum Spread:	As specified in the table below			
11	Current Stop Loss Premium Rate on the Trade Date:	As specified in the table below			
12	Maximum Premium:	As specified in the table below			
13	Minimum Premium:	As specified in the table below			
14	Stop Loss Price on the Trade Date:	As specified in the table below			
15	Stop Loss Price Rounding:	As specified in the table below			
16	Entitlement:	As specified in the table below			
17	Financing Level Currency:	As specified in the table below			
18	Settlement Currency:	EUR			
19	Exercise Time:	12:00 AM Central European Time			
20	Cash Settlement Amount:	As specified in the Index Certificate Conditions			
21	Final Valuation Date:	Not Applicable			

22	· ·	Annually, commencing on the date one year after the Issue Date.
23	Applicable Business Day Centre(s) for the purposes of the definition of "Business Day"	Amsterdam

Series	ISIN Code	Number of	Issue	Current	Current	Maximum	Current	Maximum	Minimum	Stop Loss	Stop	Entitle	Financing
Number of		Certificates	price per	Financing	Spread	Spread	Stop Loss	Premium	Premium	Price on	Loss	ment	Level
the		being issued	Certificate	Level on	on the		Premium			the Trade	Price		Currency
Certificates				the Trade	Trade		Rate on the			Date	Roundin		
				Date	Date		Trade Date				g		
102684	DE000NG2VPU	2000000	0.37	13123.6900 000000	3.5	5.0	1.5	20.0	0.0	13123.6900	0.01	0.01	EUR
102695	DE000MC2MDM	2000000	0.42		3.5	5.0	1.5	• • •			0.01	0.01	EUR
102685	DE000NG2VPV 2	2000000	0.42	13118.6900 000000	3.3	3.0	1.5	20.0	0.0	13118.6900 000000	0.01	0.01	EUK
102686	DE000NG2VPW	2000000	0.47	13113.6900	3.5	5.0	1.5	20.0	0.0	13113.6900	0.01	0.01	EUR
	0			000000						000000			
102687	DE000NG2VPX 8	2000000	0.52	13108.6900 000000	3.5	5.0	1.5	20.0	0.0	13108.6900 000000	0.01	0.01	EUR
102688	DE000NG2VPY	2000000	0.57	13103.6900	3.5	5.0	1.5	20.0	0.0	13103.6900	0.01	0.01	EUR
	6			000000				20.0	0.0	000000			
102689	DE000NG2VPZ	2000000	0.62	13098.6900	3.5	5.0	1.5	20.0	0.0	13098.6900	0.01	0.01	EUR
	3			000000						000000			
102690	DE000NG2VP0	2000000	0.67	13093.6900	3.5	5.0	1.5	20.0	0.0	13093.6900	0.01	0.01	EUR
	9			000000						000000			
102691	DE000NG2VP1	2000000	0.72	13088.6900	3.5	5.0	1.5	20.0	0.0	13088.6900	0.01	0.01	EUR
	7			000000						000000			
102692	DE000NG2VP2	2000000	0.77	13083.6900	3.5	5.0	1.5	20.0	0.0	13083.6900	0.01	0.01	EUR
	5			000000						000000			
102693	DE000NG2VP3	2000000	0.82	13078.6900	3.5	5.0	1.5	20.0	0.0	13078.6900	0.01	0.01	EUR
	3			000000						000000			
102694	DE000NG2VP4	2000000	0.64	8139.04000	3.5	5.0	3.0	20.0	0.0	8139.04000	0.01	0.01	USD
	1			00000						00000			
102695	DE000NG2VP5	2000000	0.82	8119.04000	3.5	5.0	3.0	20.0	0.0	8119.04000	0.01	0.01	USD
	8			00000						00000			
102696	DE000NG2VP6	2000000	1.0	8099.04000	3.5	5.0	3.0	20.0	0.0	8099.04000	0.01	0.01	USD
	6			00000						00000			
102697	DE000NG2VP7	2000000	0.17	3059.00000	3.5	5.0	3.0	20.0	0.0	3059.00000	0.01	0.01	USD
	4			00000						00000			
102698	DE000NG2VP8	2000000	0.22	3054.00000	3.5	5.0	3.0	20.0	0.0	3054.00000	0.01	0.01	USD
	2			00000						00000			
102699	DE000NG2VP9	2000000	0.65	3607.53000	3.5	5.0	2.0	20.0	0.0	3607.53000	0.01	0.01	EUR

	0			00000						00000			
102700	DE000NG2VQA 4	2000000	0.75	3597.53000 00000	3.5	5.0	2.0	20.0	0.0	3597.53000 00000	0.01	0.01	EUR
102701	DE000NG2VQB 2	2000000	0.85	3587.53000 00000	3.5	5.0	2.0	20.0	0.0	3587.53000 00000	0.01	0.01	EUR
102702	DE000NG2VQC 0	2000000	0.39	27418.4100 000000	3.5	5.0	2.0	20.0	0.0	27418.4100 000000	0.01	0.01	USD
102703	DE000NG2VQD 8	2000000	0.62	27393.4100 000000	3.5	5.0	2.0	20.0	0.0	27393.4100 000000	0.01	0.01	USD
102704	DE000NG2VQE 6	2000000	0.84	27368.4100 000000	3.5	5.0	2.0	20.0	0.0	27368.4100 000000	0.01	0.01	USD
102705	DE000NG2VQF 3	2000000	1.07	27343.4100 000000	3.5	5.0	2.0	20.0	0.0	27343.4100 000000	0.01	0.01	USD

ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:

24	Index Certificate Provisions	Applicable
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Series	ISIN Code	(i) Details of the Index	(ii) Exchange	(iii) Notional
Number of				Dividend Period
the				
Certificates				
102684	DE000NG2VPU	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	4	<index>)</index>	Index Certificate	Index Certificate
			Conditions	Conditions
102685	DE000NG2VPV	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	2	<index>)</index>	Index Certificate	Index Certificate
		'mucx')	Conditions	Conditions
102686	DE000NG2VP	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	$ _{W0}$	<index>)</index>	Index Certificate	Index Certificate
		sindex)	Conditions	Conditions
102687	DE000NG2VPX	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	8	<index>)</index>	Index Certificate	Index Certificate
		·mucx-)	Conditions	Conditions
102688	DE000NG2VPY	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	6	<index>)</index>	Index Certificate	Index Certificate
		·mucx-)	Conditions	Conditions
102689	DE000NG2VPZ	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	3	<index>)</index>	Index Certificate	Index Certificate
		\\ \text{index} \)	Conditions	Conditions
102690	DE000NG2VP0	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
.020,0	9	<index>)</index>	Index Certificate	Index Certificate
		\\ \text{index} \)	Conditions	Conditions
102691	DE000NG2VP1	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
.02071	7	<index>)</index>	Index Certificate	Index Certificate
		·mucx-)	Conditions	Conditions
102692	DE000NG2VP2	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
	5	<index>)</index>	Index Certificate	Index Certificate
		·mucx-)	Conditions	Conditions
102693	DE000NG2VP3	DAX® Index (Bloomberg code: DAX	As specified in the	As specified in the
.020,0	3	<index>)</index>	Index Certificate	Index Certificate
		·mucx-)	Conditions	Conditions
102694	DE000NG2VP4	NASDAQ 100 Stock Index	As specified in the	As specified in the
	1	(Bloomberg code: NDX <index>)</index>	Index Certificate	Index Certificate
		(Bloomberg code. NDA \mdex)	Conditions	Conditions
102695	DE000NG2VP5	NASDAQ 100 Stock Index	As specified in the	As specified in the
	8	(Bloomberg code: NDX <index>)</index>	Index Certificate	Index Certificate
		(Bloomberg code. NDA \mdex)	Conditions	Conditions
102696	DE000NG2VP6	NASDAQ 100 Stock Index	As specified in the	As specified in the
	6	(Bloomberg code: NDX <index>)</index>	Index Certificate	Index Certificate
		(Bloomberg code. NDA \mdex)	Conditions	Conditions
102697	DE000NG2VP7	S&P 500 Index (Bloomberg code:	As specified in the	As specified in the
	4	SPX <index>)</index>	Index Certificate	Index Certificate
	1	Si A sindex)	Conditions	Conditions
02698	DE000NG2VP8	S&P 500 Index (Bloomberg code:	As specified in the	As specified in the
	2	SPX <index>)</index>	Index Certificate	Index Certificate
		STA SINGA)	Conditions	Conditions
102699	DE000NG2VP9	EURO STOXX 50® (Price) Index	As specified in the	As specified in the
	0	(Bloomberg code: SX5E <index>)</index>	Index Certificate	Index Certificate
		(Distillineing code, SASE \linear)	Conditions	Conditions
102700	DE000NG2VQ	EURO STOXX 50® (Price) Index	As specified in the	As specified in the
. 52 / 50			_	_
		(Diodinuerg code, SASE \lidex>)		
	A4	(Bloomberg code: SX5E <index>)</index>	Index Certificate Conditions	Index Certifica Conditions

102701	DE000NG2VQB	EURO STOXX 50® (Price) Index	As specified in the	As specified in the
	2	(Bloomberg code: SX5E <index>)</index>	Index Certificate Conditions	Index Certificate Conditions
102702	DE000NG2VQC 0	Dow Jones Industrial Average Index (Bloomberg code: INDU <index>)</index>	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102703	DE000NG2VQ D8	Dow Jones Industrial Average Index (Bloomberg code: INDU <index>)</index>	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102704	DE000NG2VQE 6	Dow Jones Industrial Average Index (Bloomberg code: INDU <index>)</index>	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102705	DE000NG2VQF 3	Dow Jones Industrial Average Index (Bloomberg code: INDU <index>)</index>	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions

25	Share Certificate Provisions	Not Applicable
26	Currency Certificate Provisions	Not Applicable
27	Commodity Certificate Provisions	Not Applicable
28	Fund Certificate Provisions	Not Applicable
29	Government Bond Certificate Provisions	Not Applicable
30	Index Futures Certificate Provisions	Not Applicable

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

PART B – OTHER INFORMATION

1 LISTING

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

2 RATINGS

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

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

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

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

5 INFORMATION CONCERNING THE UNDERLYING

Underlying	Information on the underlying can be obtained on source of information.
S&P 500 Index	The return on the Certificates is linked to the performance of the underlying Index. The price of the Index may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Index will affect the value of the Certificates. Information and details of the past and future performance of the Index and its volatility can be obtained from Bloomberg (Bloomberg code: SPX <index>)</index>
Dow Jones Industrial Average Index	The return on the Certificates is linked to the performance of the underlying Index. The price of the Index may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Index will affect the value of the Certificates. Information and details of the past and future performance of the Index and its volatility can be obtained from Bloomberg (Bloomberg code: INDU <index>)</index>

NASDAQ 100 Stock Index	The return on the Certificates is linked to the performance of the underlying Index. The price of the Index may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Index will affect the value of the Certificates. Information and details of the past and future performance of the Index and its volatility can be obtained from Bloomberg (Bloomberg code: NDX <index>)</index>
DAX® Index	The return on the Certificates is linked to the performance of the underlying Index. The price of the Index may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Index will affect the value of the Certificates. Information and details of the past and future performance of the Index and its volatility can be obtained from Bloomberg (Bloomberg code: DAX <index>)</index>
EURO STOXX 50® (Price) Index	The return on the Certificates is linked to the performance of the underlying Index. The price of the Index may go down as well as up throughout the life of the Certificates. Fluctuations in the price of the Index will affect the value of the Certificates. Information and details of the past and future performance of the Index and its volatility can be obtained from Bloomberg (Bloomberg code: SX5E <index>)</index>

5 POST-ISSUANCE INFORMATION

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

6 OPERATIONAL INFORMATION

ISIN Code	(ii) Common Code	(iii) Other relevant code
DE000NG2VPU4	Not Applicable	NG2VPU
DE000NG2VPV2	Not Applicable	NG2VPV
DE000NG2VPW0	Not Applicable	NG2VPW
DE000NG2VPX8	Not Applicable	NG2VPX
DE000NG2VPY6	Not Applicable	NG2VPY
DE000NG2VPZ3	Not Applicable	NG2VPZ
DE000NG2VP09	Not Applicable	NG2VP0
DE000NG2VP17	Not Applicable	NG2VP1
DE000NG2VP25	Not Applicable	NG2VP2
DE000NG2VP33	Not Applicable	NG2VP3
DE000NG2VP41	Not Applicable	NG2VP4
DE000NG2VP58	Not Applicable	NG2VP5
DE000NG2VP66	Not Applicable	NG2VP6
DE000NG2VP74	Not Applicable	NG2VP7
DE000NG2VP82	Not Applicable	NG2VP8
DE000NG2VP90	Not Applicable	NG2VP9
DE000NG2VQA4	Not Applicable	NG2VQA

DE000NG2VQB2	Not Applicable	NG2VQB
DE000NG2VQC0	Not Applicable	NG2VQC
DE000NG2VQD8	Not Applicable	NG2VQD
DE000NG2VQE6	Not Applicable	NG2VQE
DE000NG2VQF3	Not Applicable	NG2VQF

(iv)	Name of the Principal Certificate Agent	BNP Paribas Securities Services S.C.A.

7 DISTRIBUTION

(iv)	Details of any clearing system other than Euroclear	Clearstream Banking AG, Eschbom
	Netherlands:	
	(a) details of the appropriate clearing code/number:	Not Applicable
	(b) further details regarding the form of Certificates	German 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 Directive in Germany (the " Public Offer Jurisdiction ").
(iii)	Prohibition of Sales to EEA Retail Investors:	Not Applicable

8 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 WEBITE OF THE ISSUER WWW.INGMARKETS.DE

Index Disclaimer

The Certificates are not sponsored, endorsed, sold or promoted by the Index or of the Index Sponsor and the Index Sponsor has not made any representation whatsoever, whether express or implied, either as to the results to be obtained from the use of the Index and/or the levels at which the Index stands at any particular time on any particular date or otherwise. The Index Sponsor shall not be liable (whether in negligence or otherwise) to any person for any error in the Index and the Index Sponsor are not under any obligation to advise any person of any error therein. The Index Sponsor has made no representation whatsoever, whether express or implied, as to the advisability of purchasing or assuming any risk in connection with the Certificates. Neither the Issuer nor the Calculation Agent shall have any liability to any person for any act or failure to act by the Index Sponsor in connection with the calculation, adjustment or maintenance of the Index. Neither the Issuer nor the Calculation Agent has any affiliation with or control over the Index or of the Index Sponsor or any control over the computation, composition or dissemination of the Index. Although the Issuer and the Calculation Agent will obtain information concerning the Index from publicly available sources they believe to be reliable, they will not independently verify this information. Accordingly, no representation, warranty or undertaking (express or implied) is made and no responsibility is accepted by the Issuer or the Calculation Agent as to the accuracy, completeness and timeliness of information concerning the Index.