

**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.

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.

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.

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.

MDAX 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.

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.

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 01 November 2019

**ING Bank N.V.**

**Legal entity identifier (LEI): 3TK20IVIUJ8J3ZU0QE75**

**Issue of**

<b>Series number of the Certificates</b>	<b>WKN Code</b>	<b>ISIN Code</b>	<b>Number of Certificates being issued</b>	<b>Title</b>
102353	NG2VD3	DE000NG2VD37	2000000	ING Long Index Open End Turbo

				Certificate
102354	NG2VD4	DE000NG2VD45	2000000	ING Long Index Open End Turbo Certificate
102355	NG2VD5	DE000NG2VD52	2000000	ING Long Index Open End Turbo Certificate
102356	NG2VD6	DE000NG2VD60	2000000	ING Long Index Open End Turbo Certificate
102357	NG2VD7	DE000NG2VD78	2000000	ING Long Index Open End Turbo Certificate
102358	NG2VD8	DE000NG2VD86	2000000	ING Long Index Open End Turbo Certificate
102359	NG2VD9	DE000NG2VD94	2000000	ING Long Index Open End Turbo Certificate
102360	NG2VEA	DE000NG2VEA0	2000000	ING Long Index Open End Turbo Certificate
102361	NG2VEB	DE000NG2VEB8	2000000	ING Long Index Open End Turbo Certificate
102362	NG2VEC	DE000NG2VEC6	2000000	ING Long Index Open End Turbo Certificate
102363	NG2VED	DE000NG2VED4	2000000	ING Long Index Open End Turbo Certificate
102364	NG2VEE	DE000NG2VEE2	2000000	ING Long Index Open End Turbo Certificate
102365	NG2VEF	DE000NG2VEF9	2000000	ING Long Index Open End Turbo Certificate
102366	NG2VEG	DE000NG2VEG7	2000000	ING Long Index Open End Turbo Certificate
102367	NG2VEH	DE000NG2VEH5	2000000	ING Long Index Open End Turbo Certificate
102368	NG2VEJ	DE000NG2VEJ1	2000000	ING Long Index Open End Turbo Certificate
102369	NG2VEK	DE000NG2VEK9	2000000	ING Long Index Open End Turbo Certificate
102370	NG2VEL	DE000NG2VEL7	2000000	ING Long Index Open End Turbo Certificate
102371	NG2VEM	DE000NG2VEM5	2000000	ING Long Index Open End Turbo Certificate
102372	NG2VEN	DE000NG2VEN3	2000000	ING Long Index Open End Turbo Certificate
102373	NG2VEP	DE000NG2VEP8	2000000	ING Long Index Open End Turbo Certificate
102374	NG2VEQ	DE000NG2VEQ6	2000000	ING Long Index Open End Turbo Certificate
102375	NG2VER	DE000NG2VER4	2000000	ING Long Index Open End Turbo Certificate
102376	NG2VES	DE000NG2VES2	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](mailto:info@sprinters.nl)) and are available for viewing on the website [www.ingmarkets.de](http://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:	Not Applicable
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:	Index Certificates
	(b) Whether such Certificates are Best Certificates, Limited Certificates, Open Ended Certificates or Fixed Leverage.	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:	04 November 2019
6	Issue Date:	06 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	Valuation Date(s):	Annually, commencing on the date one year after the Issue Date.
23	Applicable Business Day Centre(s) for the purposes of the definition of "Business Day"	Amsterdam

Series Number of the Certificates	ISIN Code	Number of Certificates being issued	Issue price per Certificate	Current Financing Level on the Trade Date	Current Spread on the Trade Date	Maximum Spread	Current Stop Loss Premium Rate on the Trade Date	Maximum Premium	Minimum Premium	Stop Loss Price on the Trade Date	Stop Loss Price Rounding	Entitlement	Financing Level Currency
102353	DE000NG2VD37	2000000	0.4	12867.5900000000	3.5	5.0	1.5	20.0	0.0	12867.5900000000	0.01	0.01	EUR
102354	DE000NG2VD45	2000000	0.45	12862.5900000000	3.5	5.0	1.5	20.0	0.0	12862.5900000000	0.01	0.01	EUR
102355	DE000NG2VD52	2000000	0.5	12857.5900000000	3.5	5.0	1.5	20.0	0.0	12857.5900000000	0.01	0.01	EUR
102356	DE000NG2VD60	2000000	0.55	12852.5900000000	3.5	5.0	1.5	20.0	0.0	12852.5900000000	0.01	0.01	EUR
102357	DE000NG2VD78	2000000	0.6	12847.5900000000	3.5	5.0	1.5	20.0	0.0	12847.5900000000	0.01	0.01	EUR
102358	DE000NG2VD86	2000000	0.65	12842.5900000000	3.5	5.0	1.5	20.0	0.0	12842.5900000000	0.01	0.01	EUR
102359	DE000NG2VD94	2000000	0.7	12837.5900000000	3.5	5.0	1.5	20.0	0.0	12837.5900000000	0.01	0.01	EUR
102360	DE000NG2VEA0	2000000	0.75	12832.5900000000	3.5	5.0	1.5	20.0	0.0	12832.5900000000	0.01	0.01	EUR
102361	DE000NG2VEB8	2000000	0.8	12827.5900000000	3.5	5.0	1.5	20.0	0.0	12827.5900000000	0.01	0.01	EUR
102362	DE000NG2VEC6	2000000	0.85	12822.5900000000	3.5	5.0	1.5	20.0	0.0	12822.5900000000	0.01	0.01	EUR
102363	DE000NG2VED4	2000000	0.9	12817.5900000000	3.5	5.0	1.5	20.0	0.0	12817.5900000000	0.01	0.01	EUR
102364	DE000NG2VEE2	2000000	0.95	12812.5900000000	3.5	5.0	1.5	20.0	0.0	12812.5900000000	0.01	0.01	EUR
102365	DE000NG2VEF9	2000000	1.0	12807.5900000000	3.5	5.0	1.5	20.0	0.0	12807.5900000000	0.01	0.01	EUR
102366	DE000NG2VEG7	2000000	1.05	12802.5900000000	3.5	5.0	1.5	20.0	0.0	12802.5900000000	0.01	0.01	EUR
102367	DE000NG2VEH5	2000000	0.77	7997.9000000000	3.5	5.0	3.0	20.0	0.0	7997.9000000000	0.01	0.01	USD
102368	DE000NG2VEJ1	2000000	0.95	7977.900000	3.5	5.0	3.0	20.0	0.0	7977.900000	0.01	0.01	USD

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102369	DE000NG2VEK 9	2000000	0.17	3018.57000 00000	3.5	5.0	3.0	20.0	0.0	3018.57000 00000	0.01	0.01	USD
102370	DE000NG2VEL 7	2000000	0.22	3013.57000 00000	3.5	5.0	3.0	20.0	0.0	3013.57000 00000	0.01	0.01	USD
102371	DE000NG2VEM 5	2000000	0.26	3008.57000 00000	3.5	5.0	3.0	20.0	0.0	3008.57000 00000	0.01	0.01	USD
102372	DE000NG2VEN 3	2000000	0.2	26171.7800 000000	3.5	5.0	3.0	20.0	0.0	26171.7800 000000	0.01	0.001	EUR
102373	DE000NG2VEP 8	2000000	0.29	27014.4700 000000	3.5	5.0	2.0	20.0	0.0	27014.4700 000000	0.01	0.01	USD
102374	DE000NG2VEQ 6	2000000	0.51	26989.4700 000000	3.5	5.0	2.0	20.0	0.0	26989.4700 000000	0.01	0.01	USD
102375	DE000NG2VER 4	2000000	0.73	26964.4700 000000	3.5	5.0	2.0	20.0	0.0	26964.4700 000000	0.01	0.01	USD
102376	DE000NG2VES 2	2000000	0.96	26939.4700 000000	3.5	5.0	2.0	20.0	0.0	26939.4700 000000	0.01	0.01	USD

**ADDITIONAL SPECIFIC PRODUCT RELATED PROVISIONS:**

24	<b>Index Certificate Provisions</b>	Applicable
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Series Number of the Certificates	ISIN Code	(i) Details of the Index	(ii) Exchange	(iii) Notional Dividend Period
102353	DE000NG2VD37	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102354	DE000NG2VD45	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102355	DE000NG2VD52	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102356	DE000NG2VD60	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102357	DE000NG2VD78	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102358	DE000NG2VD86	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102359	DE000NG2VD94	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102360	DE000NG2VEA0	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102361	DE000NG2VEB8	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102362	DE000NG2VEC6	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102363	DE000NG2VED4	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102364	DE000NG2VEE2	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102365	DE000NG2VEF9	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102366	DE000NG2VEG7	DAX® Index (Bloomberg code: DAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102367	DE000NG2VEH5	NASDAQ 100 Stock Index (Bloomberg code: NDX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102368	DE000NG2VEJ1	NASDAQ 100 Stock Index (Bloomberg code: NDX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102369	DE000NG2VEK9	S&P 500 Index (Bloomberg code: SPX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions

102370	DE000NG2VEL 7	S&P 500 Index (Bloomberg code: SPX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102371	DE000NG2VE M5	S&P 500 Index (Bloomberg code: SPX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102372	DE000NG2VEN 3	MDAX Index (Bloomberg code: MDAX <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102373	DE000NG2VEP 8	Dow Jones Industrial Average Index (Bloomberg code: INDU <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102374	DE000NG2VEQ 6	Dow Jones Industrial Average Index (Bloomberg code: INDU <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102375	DE000NG2VER 4	Dow Jones Industrial Average Index (Bloomberg code: INDU <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions
102376	DE000NG2VES 2	Dow Jones Industrial Average Index (Bloomberg code: INDU <Index> )	As specified in the Index Certificate Conditions	As specified in the Index Certificate Conditions

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

Signed on behalf of the Issuer:

By: .....

*Duly authorised*

By: .....

*Duly authorised*

## PART B – OTHER INFORMATION

### 1 LISTING

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

### 2 RATINGS

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

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

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

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

### 5 INFORMATION CONCERNING THE UNDERLYING

<b>Underlying</b>	<b>Information on the underlying can be obtained on source of information.</b>
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>)
MDAX 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: MDAX <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>)
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>)
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>)

## 5 POST-ISSUANCE INFORMATION

Post-issuance information will be made available on the website of the Issuer [www.ingmarkets.de](http://www.ingmarkets.de), or any successor 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
DE000NG2VD37	Not Applicable	NG2VD3
DE000NG2VD45	Not Applicable	NG2VD4
DE000NG2VD52	Not Applicable	NG2VD5
DE000NG2VD60	Not Applicable	NG2VD6
DE000NG2VD78	Not Applicable	NG2VD7
DE000NG2VD86	Not Applicable	NG2VD8
DE000NG2VD94	Not Applicable	NG2VD9
DE000NG2VEA0	Not Applicable	NG2VEA
DE000NG2VEB8	Not Applicable	NG2VEB
DE000NG2VEC6	Not Applicable	NG2VEC
DE000NG2VED4	Not Applicable	NG2VED
DE000NG2VEE2	Not Applicable	NG2VEE
DE000NG2VEF9	Not Applicable	NG2VEF
DE000NG2VEG7	Not Applicable	NG2VEG
DE000NG2VEH5	Not Applicable	NG2VEH
DE000NG2VEJ1	Not Applicable	NG2VEJ
DE000NG2VEK9	Not Applicable	NG2VEK

DE000NG2VEL7	Not Applicable	NG2VEL
DE000NG2VEM5	Not Applicable	NG2VEM
DE000NG2VEN3	Not Applicable	NG2VEN
DE000NG2VEP8	Not Applicable	NG2VEP
DE000NG2VEQ6	Not Applicable	NG2VEQ
DE000NG2VER4	Not Applicable	NG2VER
DE000NG2VES2	Not Applicable	NG2VES

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

(iv) Details of any clearing system other than Euroclear Netherlands:	Clearstream Banking AG, Eschbom
(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 “ <b>Public Offer Jurisdiction</b> ”).
(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.
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## ANNEX

### **ISSUE SPECIFIC SUMMARY OF THE CERTIFICATES AND THE KEY INFORMATION DOCUMENT ARE AVAILABLE ON THE WEBSITE OF THE ISSUER [WWW.INGMARKETS.DE](http://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.