FINAL TERMS FOR CERTIFICATES

FINAL TERMS DATED 12 JULY 2019

BNP Paribas Issuance B.V.

(incorporated in The Netherlands) (as Issuer)

Legal entity identifier (LEI): 7245009UXRIGIRYOBR48

BNP Paribas

(incorporated in France) (as Guarantor)

Legal entity identifier (LEI): R0MUWSFPU8MPR08K5P83

Up to 2,000 EUR "Reverse Convertible Worst-of Quanto" Certificates relating to 3 Shares due 13 September 2024

under the Note, Warrant and Certificate Programme of BNP Paribas Issuance B.V., BNP Paribas and BNP Paribas Fortis Funding

ISIN Code: XS1977481685

BNP Paribas Arbitrage S.N.C.

(as Manager)

The Securities are offered to the public in the Republic of Ireland from 12 July 2019 to 6 September 2019.

Any person making or intending to make an offer of the Securities may only do so :

- (i) in those Non-exempt Offer Jurisdictions mentioned in Paragraph 47 of Part A below, provided such person is a Manager or an Authorised Offeror (as such term is defined in the Base Prospectus) and that the offer is made during the Offer Period specified in that paragraph and that any conditions relevant to the use of the Base Prospectus are complied with; or
- (ii) otherwise in circumstances in which no obligation arises for the Issuer or any Manager 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.

None of the Issuer, the Guarantor or any Manager has authorised, nor do they authorise, the making of any offer of Securities 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 Base Prospectus dated 3 June 2019, which constitutes a base prospectus for the purposes of Directive 2003/71/EC (the "**Prospectus Directive**") (the "**Base Prospectus**"). This document constitutes the Final Terms of the Securities described herein for the purposes of Article 5.4 of the Prospectus Directive and must be read in conjunction with the Base Prospectus. Full information on BNP Paribas Issuance B.V. (the "**Issuer**"), BNP Paribas (the "**Guarantor**") and the offer of the Securities is only available on the basis of the combination of these Final Terms and the Base Prospectus. A summary of the Securities (which comprises the Summary in the Base Prospectus as amended to reflect the provisions of these Final Terms) is annexed to these Final Terms. The Base Prospectus and these Final Terms are available for viewing at BNP Paribas Securities Services, Luxembourg Branch, 60 avenue J.F. KENNEDY, L-1855 Luxembourg and on the website of the Luxembourg Stock Exchange (www.bourse.lu), <u>http://eqdpo.bnpparibas.com/XS1977481685</u> and copies may be obtained free of charge at the specified offices of the Security Agents. The Base Prospectus and these Final Terms will also be available on the AMF website www.amf-france.org.

References herein to numbered Conditions are to the terms and conditions of the relevant series of Securities and words and expressions defined in such terms and conditions shall bear the same meaning in these Final Terms in so far as they relate to such series of Securities, save as where otherwise expressly provided.

These Final Terms relate to the series of Securities as set out in "Specific Provisions for each Series" below. References herein to "**Securities**" shall be deemed to be references to the relevant Securities that are the subject of these Final Terms and references to "**Security**" shall be construed accordingly.

SPECIFIC PROVISIONS FOR EACH SERIES

Series Number	No. of Securities issued	No. of Securities	ISIN	Common Code	Issue Price per Security	Redemption Date
CE7959NME	Up to 2,000	Up to 2,000	XS1977481685	197748168	100% of the Notional Amount	13 September 2024

GENERAL PROVISIONS

The following terms apply to each series of Securities:

1.	Issuer:	BNP Pari	ibas Issuance B.V.
2.	Guarantor:	BNP Pari	ibas
3.	Trade Date:	3 July 20	19.
4.	Issue Date and Interest Commencement Date:	13 Septe	mber 2019.
5.	Consolidation:	Not appli	cable.
6.	Type of Securities:	(a) Certifi	icates.
		(b) The S	Securities are Share Securities.
		•	risions of Annex 3 (Additional Terms and Conditions for Share s) shall apply.
		Unwind C	Costs: Applicable.
7.	Form of Securities:	Clearing	System Global Security.
8.	Business Day Centre(s):		icable Business Day Centre for the purposes of the definition of s Day" in Condition 1 is TARGET2.
9.	Settlement:	Settleme	nt will be by way of cash payment (Cash Settled Securities).
10.	Rounding Convention for cash Settlement Amount:	Not appli	cable.
11.	Variation of Settlement:		
	Issuer's option to vary settlement:	The Issue Securities	er does not have the option to vary settlement in respect of the s.
12.	Final Payout:		
	SPS Payout:	SPS Rev	erse Convertible Securities
		SPS Rev	erse Convertible Standard Securities
		(A)	If no Knock-in Event has occurred: 100%; or

(B) If a Knock-in Event has occurred: Min(100%; Final Redemption Value).

"Final Redemption Value" means the Worst Value.

"Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date.

"SPS Valuation Date" means the SPS Redemption Valuation Date.

"SPS Redemption Valuation Date" means the Settlement Price Date.

"Settlement Price Date" means the Valuation Date.

"Valuation Date" means the Redemption Valuation Date.

"Underlying Reference Value" means, in respect of an Underlying Reference and a SPS Valuation Date, (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date (ii) divided by the relevant Underlying Reference Strike Price.

For the avoidance of doubt, when determining (i) above the SPS Valuation Date shall never refer to the Strike Date.

"Underlying Reference" means as set out in §26(a) below.

The settlement currency for the payment of the Cash Settlement Amount

"Underlying Reference Closing Price Value" means, in respect of a SPS Valuation Date, the Closing Price in respect of such day.

"Underlying Reference Strike Price" means as set out in §26(a) below.

"Basket" is as set out in §26(a) below.

The Securities will be distributed on a non-syndicated basis.

Not applicable.

Not applicable.

Not applicable.

is Euro ("EUR").

Not applicable.

Not applicable.

English law.

Not applicable.

BNP Paribas Arbitrage S.N.C.

BNP Paribas Arbitrage S.N.C. 1 rue Laffitte, 75009 Paris, France.

- 13. Relevant Asset(s):
- 14. Entitlement:
- 15. Exchange Rate:
- 16. Settlement Currency:
- 17. Syndication:
- 18. Minimum Trading Size:
- **19. Principal Security Agent:**
- 20. Registrar:
- 21. Calculation Agent:
- 22. Governing law:
- 23. *Masse* provisions (Condition 9.4):

PRODUCT SPECIFIC PROVISIONS

24. Hybrid Securities:	Not applicable.
25. Index Securities:	Not applicable.

26. Share Securities/ETI Share Securities:

Applicable.

Share Securities: Applicable.

(a) Share(s)/Share Company/Basket Company/GDR/ADR/ETI Interest/Basket of ETI Interests:

An ordinary share, or, if so indicated in the table below in the column Share Company, another share type in the share capital of the relevant Share Company (each an "**Underlying Reference**^k").

		Underlying Reference ^k			
k	Share Company	Bloomberg Code	ISIN Code	Share Currency	Exchange
1	AXA SA	CS FP	FR0000120628	EUR	Euronext Paris
2	BT Group PLC	BT/A LN	GB0030913577	GBp	London Stock Exchange
3	ING GROEP NV	INGA NA	NL0011821202	EUR	Euronext Amsterdam

(b)	Relative Performance Basket:	Applicable.
(c)	Share/ETI Interest Currency:	See table above.
(d)	ISIN of Share(s))/ETI Interest(s):	See the Specific Provisions for each Series above.
(e)	Exchange(s):	See table above.
(f)	Related Exchange(s):	All Exchanges.
(g)	Exchange Business Day:	All Shares Basis.
(h)	Scheduled Trading Day:	All Shares Basis.
(i)	Weighting:	Not applicable.
(j)	Settlement Price:	Not applicable.
(k)	Specified Maximum Days of Disruption:	Three (3) Scheduled Trading Days
(I)	Valuation Time:	The Scheduled Closing Time as defined in Condition 1.
(m)	Redemption on Occurrence of an Extraordinary Event:	Delayed Redemption on Occurrence of an Extraordinary Event: Not applicable.
(n)	Share/ETI Interest Correction Period:	As per Conditions.
(o)	Dividend Payment:	Not applicable.
(p)	Listing Change:	Applicable.
(q)	Listing Suspension:	Applicable.
(r)	Illiquidity:	Applicable.
(s)	Tender Offer:	Applicable
(t)	CSR Event:	Not applicable.
(u)	Hedging Liquidity Event:	Not applicable.

	ETI Securities:	Natannliashla
	Debt Securities:	Not applicable. Not applicable.
	Commodity Securities:	Not applicable.
	Inflation Index Securities:	Not applicable.
	Currency Securities:	Not applicable.
	Fund Securities:	Not applicable.
	Futures Securities:	Not applicable.
	Credit Security Provisions:	Not applicable.
	Underlying Interest Rate Securities:	Not applicable.
	Preference Share Certificates:	Not applicable.
	OET Certificates:	Not applicable.
	Illegality (Security Condition 7.1)	Illegality: redemption in accordance with Security Condition 7.1(d).
50.	and Force Majeure (Security	
	Condition 7.2):	Force Majeure: redemption in accordance with Security Condition 7.2(b).
39.	Additional Disruption Events and Optional Additional Disruption Events:	(a) Additional Disruption Events: Applicable.
	Lvonts.	(b) The following Optional Additional Disruption Events apply to the Securities: Administrator/Benchmark Event; Insolvency Filing.
		(c) Redemption:
		Delayed Redemption on Occurrence of an Additional Disruption Event and/or Optional Additional Disruption Event: Not applicable.
40.	Knock-in Event:	Applicable.
		If the Knock-in Value is less than the Knock-in Level on the Knock-in Determination Day.
	(a) SPS Knock-in Valuation:	
	(a) SPS Knock-in Valuation:	Determination Day.
	(a) SPS Knock-in Valuation:	Determination Day. Applicable.
	(a) SPS Knock-in Valuation:	Determination Day. Applicable. "Knock-in Value" means the Worst Value. "Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference
	(a) SPS Knock-in Valuation:	Determination Day. Applicable. "Knock-in Value" means the Worst Value. "Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date.
	(a) SPS Knock-in Valuation:	Determination Day. Applicable. "Knock-in Value" means the Worst Value. "Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date. "SPS Valuation Date" means the Knock-in Determination Day. "Underlying Reference Value" means, in respect of an Underlying Reference and a SPS Valuation Date, (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date (ii) divided by
	(a) SPS Knock-in Valuation:	Determination Day. Applicable. "Knock-in Value" means the Worst Value. "Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date. "SPS Valuation Date" means the Knock-in Determination Day. "Underlying Reference Value" means, in respect of an Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date, (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date (ii) divided by the relevant Underlying Reference Strike Price. For the avoidance of doubt, when determining (i) above the SPS
	(a) SPS Knock-in Valuation:	 Determination Day. Applicable. "Knock-in Value" means the Worst Value. "Worst Value" means, in respect of a SPS Valuation Date, the lowest Underlying Reference Value for any Underlying Reference in the Basket in respect of such SPS Valuation Date. "SPS Valuation Date" means the Knock-in Determination Day. "Underlying Reference Value" means, in respect of an Underlying Reference and a SPS Valuation Date, (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date, (i) the Underlying Reference Closing Price Value for such Underlying Reference in respect of such SPS Valuation Date (ii) divided by the relevant Underlying Reference Strike Price. For the avoidance of doubt, when determining (i) above the SPS Valuation Date shall never refer to the Strike Date.

"Basket" is as set out in §26(a) above.

			"Basket" is as set out in §26(a) above.
(b)	Lev	vel:	Not applicable.
(c)		ock-in Level/Knock-in nge Level:	60 per cent
(d)		ock-in Period ginning Date:	Not applicable.
(e)	Beg	ock-in Period ginning Date Day nvention:	Not applicable.
(f)		ock-in Determination iod:	Not applicable.
(g)		ock-in Determination /(s):	The Redemption Valuation Date.
(h)	Kno Dat	ock-in Period Ending e:	Not applicable.
(i)		ock-in Period Ending e Day Convention:	Not applicable.
(j)	Kno Tim	ock-in Valuation	Not applicable.
(k)		ock-in Observation ce Source:	Not applicable.
(1)		ruption nsequences:	Applicable.
41. Knock-ou	t Eve	ent:	Not applicable.
42. EXERCISI REDEMPT		LUATION AND	
(a)		ional Amount of each tificate:	EUR 1,000
(b)	Par	tly Paid Certificates:	The Certificates are not Partly Paid Certificates.
(c)	Inte	erest:	Applicable.
	(i)	Interest Period(s):	Not applicable.
	(ii)	Interest Period End Date(s):	14 September 2020 (n = 1), 13 September 2021 (n = 2), 13 September 2022 (n = 3), 13 September 2023 (n = 4) and the Redemption Date (n = 5).
	(iii)	Business Day Convention for Interest Period End Date(s):	Not applicable.
	(iv)	Interest Payment Date(s):	14 September 2020 (n = 1), 13 September 2021 (n = 2), 13 September 2022 (n = 3), 13 September 2023 (n = 4) and the Redemption Date (n = 5).
	(v)	Business Day Convention for Interest Payment Date(s):	Following.
	(vi)	Party responsible for calculating the Rate(s) of Interest and Interest Amount(s) (if not	Not applicable.

		Calculation ent):	
	(vii) Ma	rgin(s):	Not applicable.
((viii) Min Rat	imum Interest e:	Not applicable.
	(ix) Max Rat	kimum Interest e:	Not applicable.
	(x) Day	Count Fraction:	Not applicable.
		erest ermination e(s):	Not applicable.
	(xii) Acc Rec	crual to demption:	Not applicable.
((xiii) Rat	e of Interest:	Fixed Interest
((xiv) Cou	upon rate:	Not applicable
(d)	Fixed R	ate Provisions:	Applicable.
		ed Rate(s) of erest:	6.50 per cent of Notional Amount payable yearly on each Interest Payment Date.
		ed Coupon ount(s):	EUR 65 per Certificate.
(e)	Floating Provisio		Not applicable.
(f)	Screen Determi		Not applicable.
(g)	ISDA De	etermination:	Not applicable.
(h)	FBF Det	termination:	Not applicable.
(i)	Linked Certifica		Not applicable
(j)	Paymen Amount	t of Premium (s):	Not applicable.
(k)	Index Li Certifica	inked Interest ates:	Not applicable.
(I)	Share L Linked I Certifica		Not applicable.
(m)	ETI Link Certifica	ed Interest ates:	Not applicable.
(n)	Debt Lir Certifica	nked Interest ates:	Not applicable.
(0)		dity Linked Certificates:	Not applicable.
(p)		Index Linked Certificates:	Not applicable.
(q)	Currenc Certifica	y Linked Interest ates:	Not applicable.
(r)	Fund Li Certifica	nked Interest ates:	Not applicable.

(s)	Futures Linked Interest Certificates:	Not applicable.
(t)	Underlying Interest Rate Linked Interest Provisions:	Not applicable.
(u)	Instalment Certificates:	The Certificates are not Instalment Certificates.
(v)	Issuer Call Option:	Not applicable.
(w)	Holder Put Option:	Not applicable.
(x)	Automatic Early Redemption:	Not applicable.
(у)	Renouncement Notice Cut-off Time:	Not applicable.
(z)	Strike Date:	6 September 2019.
(aa)	Strike Price:	Not applicable.
(bb)	Redemption Valuation Date:	6 September 2024.
(cc)	Averaging:	Averaging does not apply to the Securities.
(dd)	Observation Dates:	Not applicable.
(ee)	Observation Period:	Not applicable.
(ff)	Settlement Business Day:	Not applicable.
(gg)	Cut-off Date:	Not applicable.
(hh)	Identification information of Holders as provided by Condition 29:	Not applicable.

DISTRIBUTION AND US SALES ELIGIBILITY

43. U.S. Selling Restrictions:	Not applicable - the Securities may not be legally or beneficially owned by or transferred to any U.S. person at any time.
44. Additional U.S. Federal income tax considerations:	The Securities are not Specified Securities for the purpose of Section 871(m) of the U.S. Internal Revenue Code of 1986.
45. Registered broker/dealer:	Not applicable.
46. TEFRA C or TEFRA Not Applicable	: TEFRA Not Applicable.
47. Non exempt Offer:	Applicable.
(i) Non-exempt Offer Jurisdictions:	Republic of Ireland.
(ii) Offer Period:	From, and including, 12 July 2019 until, and including, 6 September 2019, subject to any early closing, as indicated in Part B, item 6.
(iii) Financial intermediaries granted specific conser to use the Base Prospectus in accordance with the Conditions in it:	
(iv) General Consent:	Not applicable.

- (v) Other Authorised Offeror Terms: Not applicable.
- 48. Prohibition of Sales to EEA Retail Investors:
 - (a) Selling Restriction: Not applicable.
 - (b) Legend: Not applicable.

PROVISIONS RELATING TO COLLATERAL AND SECURITY

- 49. Secured Securities other than Notional Value Repack Securities: Not applicable.
- 50. Notional Value Repack Securities: Not applicable.

Responsibility

The Issuer accepts responsibility for the information contained in these Final Terms. To the best of the knowledge of the Issuer (who has taken all reasonable care to ensure that such is the case), the information contained herein is in accordance with the facts and does not omit anything likely to affect the import of such information.

Signed on behalf of BNP Paribas Issuance B.V.

As Issuer:

By: Danai ARGYROPOULOU. Duly authorised

PART B - OTHER INFORMATION

1. Listing and Admission to trading - De listing

Application has been made to list the Securities on the Official List of the Luxembourg Stock Exchange and to admit the Securities for trading on the Luxembourg Stock Exchange's regulated market

2. Ratings

The Securities have not been rated.

3. Interests of Natural and Legal Persons Involved in the Issue

Save as discussed in the "*Potential Conflicts of Interest*" paragraph in the "*Risks*" section in the Base Prospectus, so far as the Issuer is aware, no person involved in the offer of the Securities has an interest material to the offer.

4. Reasons for the Offer, Estimated Net Proceeds and Total Expenses

(a)	Reasons for the offer:	The net proceeds from the issue of the Securities will become part of the general funds of the Issuer. Such proceeds may be used to maintain positions in options or futures contracts or other hedging instruments.
		A portion of the net proceeds from the issue of the Securities will be allocated to finance the plantation of one tree for each 1,000 euros invested in the Securities (or euros equivalent invested). The remaining balance of the net proceeds will become part of the general funds of the Issuer. The plantation will be organized by a plantation partner in one or several forestry projects. The plantation partner will ensure that the trees are planted during the plantation season starting from 2019 and ending in 2020. Forestry projects will be located in Europe, Asia, Africa or South America.

5. Performance of Underlying/Formula/Other Variable and Other Information concerning the Underlying Reference

See Base Prospectus for an explanation of effect on value of Investment and associated risks in investing in Securities.

Information on each Share shall be available on the relevant website as set out below.

Past and further performances of each Share are available on the relevant Exchange website as set out in below and its volatility as well as the Exchange Rate may be obtained from the Calculation Agent by emailing sps.ireland@uk.bnpparibas.com

The Issuer does not intend to provide post-issuance information.

Place where information on the Underlying Share can be obtained:

AXA SA

AXA SA is an insurance company which also provides related financial services. The Company offers life and non-life insurance, savings and pension products, and asset management services. AXA operates in both domestic and international markets.

Address: 2-4 Rue Jules Lefebvre, Paris 75009

Website: <u>www.axa.com</u>

BT Group PLC

BT Group PLC provides telecommunications services. The Company offers local and long-distance telephone call products and services in the UK, international telephone calls to and from the UK, broadband network solutions and web hosting to corporate customers, network ADSL, ISDN, and IP services to communication companies and narrowband and broadband internet access and related services.

Address: BT Centre 81 Newgate Street London EC1A 7AJ

Website: <u>www.btplc.com</u>

ING GROEP NV

ING Groep N.V. (ING) is a global financial institution. The Company provides retail and wholesale banking services to private clients, small businesses, large corporations, financial institutions, and governments. ING Groep operates worldwide.

Address: Bijlmerplein 888 Amsterdam 1102 MG

Website: www.ing.com

6. Operational Information

Relevant Clearing System(s):

Euroclear and Clearstream Luxembourg.

7. Terms and Conditions of the Public Offer

Offer Price:	Issue Price
Conditions to which the offer is subject:	The Issuer reserves the right to modify the total nominal amount of the Certificates to which investors can subscribe, withdraw the offer of the Securities and cancel the issuance of the Securities for any reason, in accordance with the Distributor at any time on or prior to the Issue Date. For the avoidance of doubt, if any application has been made by a potential investor and the Issuer exercises such a right, each such potential investor shall not be entitled to subscribe or otherwise acquire the Securities. Such an event will be notified to investors via the following link:
	http://eqdpo.bnpparibas.com/XS1977481685
	The Issuer will in its sole discretion determine the final amount of Securities issued up to a limit of 2,000 Securities. The final amount that are issued on the Issue Date will be listed on the Luxembourg Stock Exchange. Securities will be allotted subject to availability in the order of receipt of investors' applications. The final amount of the Securities issued will be determined by the Issuer in light of prevailing market conditions, and in its sole and absolute discretion depending on the number of Securities which have been agreed to be purchased as of the Issue Date.
Description of the application process:	Application to subscribe for the Securities can be made in Republic of Ireland through the Authorised Offeror. The distribution activity will be carried out in accordance with the usual procedures of the Authorised Offeror Prospective investors will not be required to enter into any contractual arrangements directly with the Issuer in relation to the subscription for the Securities.
Details of the minimum and/or maximum amount of application:	The minimum amount of application is EUR 1,000
	Maximum amount of application per investor is EUR 2,000,000

The maximum amount of application of Securities will be subject only to availability at the time of the application.

There are no pre-identified allotment criteria.

The Authorised Offeror will adopt allotment criteria that ensure equal treatment of prospective investors. All of the Securities requested through the Authorised Offeror during the Offer Period will be assigned up to the maximum amount of the Offer.

In the event that during the Offer Period the requests exceed the total amount of the offer destined to prospective investors the Issuer, in accordance with the Authorised Offeror, will proceed to early terminate the Offer Period and will immediately suspend the acceptance of further requests.

Description of possibility to reduce subscriptions and manner for refunding excess amount paid by applicants:

Details of the method and time limits for paying up and delivering Securities:

Manner in and date on which results of the offer are to be made public:

Procedure for exercise of any right of preemption, negotiability of subscription rights and treatment of subscription rights not exercised:

Process for notification to applicants of the amount allotted and indication whether dealing may begin before notification is made:

Not applicable.

The Securities will be issued on the Issue Date against payment to the Issuer by the Authorised Offeror of the gross subscription moneys. The Securities are cleared through the clearing systems and are due to be delivered through the Authorised Offeror on or around the Issue Date.

Publication on the following website:

http://eqdpo.bnpparibas.com/XS1977481685

on or around the Issue Date.

Not applicable.

In the case of over subscription, allotted amounts will be notified to applicants on the following website:

http://eqdpo.bnpparibas.com/XS1977481685

on or around the Issue Date.

No dealing in the Certificates may begin before any such notification is made.

In all other cases, allotted amounts will be equal to the amount of the application, and no further notification shall be made.

In all cases, no dealing in the Certificates may take place prior to the Issue Date.

Amount of any expenses and taxes specifically charges to the subscriber or purchaser:

The Issuer is not aware of any expenses and taxes specifically charged to the subscriber.

8. Intermediaries with a firm commitment to act

Name and address of the entities which have a firm commitment to act as intermediaries None in secondary trading, providing liquidity

through bid and offer rates and a description of the main terms of their commitment:	1
9. Placing and Underwriting Name(s) and address(es), to the extent known to the issuer, of the placers in the various countries where the offer takes place:	The Distributor with the address set out below
Name and address of the co-ordinator(s) of the global offer and of single parts of the offer:	Not applicable.
Name and address of any paying agents and depository agents in each country (in addition to the Principal Paying Agent):	Not applicable.
Entities agreeing to underwrite the issue on a firm commitment basis, and entities agreeing to place the issue without a firm commitment or under "best efforts" arrangements:	MMPI Limited, 101 Morehampton Road, Dublin, Ireland (the "Authorised Offeror")
When the underwriting agreement has been or will be reached:	No underwriting commitment is undertaken by the Authorised Offeror
10. EU Benchmarks Regulation	
EU Benchmarks Regulation: Article 29(2)statement on benchmarks:	Not applicable.