

Product Specific Supplement for Futures on MSCI Indices

Validity: Until 31 December 2020

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Preamble

This Product Specific Supplement for Futures on MSCI Indices (hereinafter referred to as “Product Specific Supplement”) forms an integral part of the Liquidity Provider Agreement („LPA”).

Six liquidity provider schemes for Futures on MSCI Indices are offered (LP1 and LP2 each in three time zones or quotation periods). The schemes differ in requirements for the minimum quote size, maximum spread as well as in the quotation period. LP1 schemes have tighter spread requirements, whereas LP2 schemes have higher quote size requirements.

1. Applicable Building Blocks for Futures on MSCI Indices

Pursuant to Sec. 2.3 of the General Supplement to the LPA, the granting of rebates and the concrete rebate levels to be applied on the respective transaction fees are dependent on the fulfilment of Building Blocks. For this Product Specific Supplement, the following Building Blocks are applicable:

Scheme	Quotation period	Product Scope	Basis	Package	Strategy	Larger Size	Tighter Spread	Stress Presence	Eurex EnLight	Revenue Sharing
			BBB	PBB	CBB	LBB	TBB	SBB	EBB	
LP1	MSCI Futures 1	All MSCI Futures	✓					✓		✓
	MSCI Futures 2	All MSCI Futures	✓					✓		✓
	MSCI Futures 3	All MSCI Futures	✓					✓		✓
LP2	MSCI Futures 4	All MSCI Futures	✓					✓		✓
	MSCI Futures 5	All MSCI Futures	✓					✓		✓
	MSCI Futures 6	All MSCI Futures	✓					✓		✓

The requirements for Strategy Building Block, Larger Size Building Block, Tighter Spread Building Block, Stress Presence Building Block and Eurex EnLight Building Block are product group specific and can be found in section 2.3 of the General Supplement to the LPA.

2. Liquidity Provider Rebates

Upon fulfilment of the Building Block requirements of one product, Liquidity Providers shall receive a fee rebate as specified in section 3 of the General Supplement to the LPA in accordance with the table below. A multiple refund will not take place upon fulfilment of more than one scheme in one product. The evaluation takes place on a monthly basis.

Execution type	Building Block	Upon fulfilment of Building Block requirements in at least one scheme
Order book	Basis	50%
	Package	-
	Strategy	-
	Larger Size	-
	Tighter Spread	-
	Total	50%
Eurex EnLight	Basis	50%
	Package	-
	Strategy	-

	Eurex EnLight	-
	Total	50%
TES	Basis	50%
	Package	-
	Strategy	-
	Eurex EnLight	-
	Total	50%

3. Building Block Requirements

3.1. Basis Block Requirements

In order to receive the Liquidity Provider Rebates pursuant to Sec. 2 above, the following quotation requirements shall apply to each product individually:

LP1 schemes	MSCI Futures 1	MSCI Futures 2	MSCI Futures 3
LP2 schemes	MSCI Futures 4	MSCI Futures 5	MSCI Futures 6
Quotation Period:	01:00 – 09:00 CE(S)T (Asian trading hours)	09:00 – 17:30 CE(S)T (European trading hours)	15:30 – 22:00 CE(S)T (US trading hours)
Required Coverage:	70%		
Maturity Range:	<ul style="list-style-type: none"> - Maturity Range A: The front month needs to be quoted. Five exchange days prior to expiration, Liquidity Providers may choose to quote either the front month or the second expiration month - Maturity Range B: In the expiry month of the quarterly Futures (first business day until and including Thursday before the 3rd Friday), the calendar spread between the front and the next quarterly expiry can be quoted to gain the rebates for selected products. (See quotation parameters table below) - The LP requirement is fulfilled if either Maturity Range A or Maturity Range B is fulfilled. 		
Minimum Quote Size:	See quotation parameters table below (cp. Sec. 5)	See quotation parameters table below (cp. Sec. 5)	See quotation parameters table below (cp. Sec. 5)
Maximum Spread:	See quotation parameters table below (cp. Sec. 5)	See quotation parameters table below (cp. Sec. 5)	See quotation parameters table below (cp. Sec. 5)

4. Other monetary incentive schemes: Revenue Sharing

Four different revenue sharing schemes are offered as of 1 January 2020 until 31 December 2020 in accordance with section 3.1.2 of the General Supplement to the LPA.

While one revenue sharing scheme applies to each product individually (Single Product Scheme), the other three schemes apply to packages of products (Developed Markets Europe Package, Developed Markets World Package, Emerging Markets Package). The assignment of products to packages as well as the mandatory products can be found in the quotation parameters table below (cp. Section 5). The evaluation takes place on a monthly basis. For the avoidance of doubt: revenue sharing according to the packages is only paid for those products out of the package, which are fulfilled by the Liquidity Provider.

VAT on the Revenue Sharing amounts shall be borne by the Liquidity Provider, if applicable, and will be offset against any due and unpaid Revenue Sharing amount.

	Single Product Scheme	Developed Markets Package Europe (DME)	Developed Markets Package Europe (DMW)	Emerging Markets Package (EM)
Revenue Sharing Pool:	Up to 12% of the net revenues per product.	Up to 8% of the net revenues of all products in the package "DME".	Up to 11% of the net revenues of all products in the package "DMW".	Up to 14% of the net revenues of all products in the package "EM".
Participation Condition:	Fulfilment of Basis Building Block requirement in one or more of the schemes (LP1 / LP2) and the three quotation periods. In order to receive revenue sharing, the outrights need to be quoted (Maturity Range A), as well as the calendar spread (Maturity Range B, only in the quarterly expiry months)	Fulfilment of Basis Building Block requirement in one or more of the schemes (LP1 / LP2) and the three quotation periods in 10 products of the package "DME", whereby certain products are mandatory. Two exceptions are granted from the list of mandatory products.	Fulfilment of Basis Building Block requirement in one or more of the schemes (LP1 / LP2) and the three quotation periods in 22 products of the package "DMW", whereby certain products are mandatory. Two exceptions are granted from the list of mandatory products.	Fulfilment of Basis Building Block requirement in one or more of the schemes (LP1 / LP2) and the three quotation periods in 13 products of the package "EM", whereby certain products are mandatory. Two exceptions are granted from the list of mandatory products.
Number of Participants:	Up to 30 (up to 5 per scheme (LP1 / LP2) per quotation period)			
Qualification criterion:	The top 5 fulfilling Liquidity providers per scheme (LP1 / LP2) and quotation period participate, ranked according to their share of trading volume on M-accounts (order book) in scheme LP1 or ranked according to their share of cleared volumes on M- or P-accounts (excluding orderbook volumes on M-Account) in scheme LP2 of all fulfilling Liquidity Providers in the respective products			
Distribution Method:	Equal distribution: 1/3 of the net revenues is equally distributed amongst up to 30 Liquidity Providers (5 per quotation period in each scheme LP1 and LP2). Liquidity Providers can hereby qualify for different quotation periods and schemes and are thus incentivized to fulfil more than one quotation period per product			
	Volume-based distribution amount: 2/3 of the net revenues are distributed proportionally among all qualifying Liquidity Providers	Volume-based distribution amount: 2/3 of the net revenues are distributed proportionally among all qualifying Liquidity Providers	Volume-based distribution amount: 2/3 of the net revenues are distributed proportionally among all qualifying Liquidity Providers	Volume-based distribution amount: 2/3 of the net revenues are distributed proportionally among all qualifying Liquidity Providers
	<p>Volume-based distribution method:</p> <p>The split of distributions between LP1 and LP2 is in a first step defined via the number of qualifying LPs in each scheme (LP1 and LP2), e.g. if there are 8 qualifying LPs in LP1 and 2 in LP2, the split would be 80% vs 20%.</p> <p>In a second step this figure is adjusted by the order book share of the respective product (average of the last 3 calendar months).</p> <ul style="list-style-type: none"> • If the order book share is 20% or higher, the split is not adjusted. • If the order book share is between 5% and 20%, the LP1 share will be adjusted by a factor of 0.9, e.g. the split in the example above would be 72% vs 28% • If the order book share is 5% or lower, the LP1 share will be adjusted by a factor of 0.8, e.g. the split in the example above would be 64% vs 36% <p>After the split between LP1 and LP2 is defined, the split within each scheme is defined by the proportion of volumes of the qualifying LPs, whereby</p> <ul style="list-style-type: none"> • In LP1, the order book volumes on the M-Account are considered • In LP2, the cleared volumes on either M- or P-Account are considered. Hereby, the order book volumes on M-Account are excluded to avoid double-counting of volumes between LP1 and LP2 			

5. Quotation Parameters

a. Maturity Range A: Outright contracts

The following quotation parameters apply for the quotation requirements pursuant to Sec. 3 above and the revenue sharing scheme pursuant to Sec. 4 above. The fulfilment of Basis Block requirements of products designated as “mandatory” is prerequisite for the fulfilment of the respective revenue sharing package and to receive incentives for the respective revenue sharing scheme, whereby 2 exceptions per package are allowed.

Futures on	Product ID	Revenue Sharing Package	Mandatory	LP1 (all time zones)		LP2 (all time zones)	
				Size in Lots	Max. Spread in Basis Points	Size in Lots	Max. Spread in Basis Points
<u>MSCI Belgium</u>	<u>FMBE</u>	<u>DM Europe</u>		<u>10</u>	<u>25</u>	<u>30</u>	<u>28</u>
<u>MSCI Denmark</u>	<u>FMDM</u>	<u>DM Europe</u>		<u>5</u>	<u>25</u>	<u>15</u>	<u>28</u>
MSCI EMU (EUR; GTR)	FMGM	DM Europe		10	15	30	18
MSCI EMU (EUR; NTR)	FMMU	DM Europe	Y	50	15	150	18
MSCI EMU Growth (EUR; NTR)	FMIG	DM Europe		5	20	15	22
MSCI EMU Value (EUR; NTR)	FMIV	DM Europe		5	20	15	22
MSCI Europe (EUR; GTR)	FMGE	DM Europe		10	15	30	18
MSCI Europe (EUR; NTR)	FMEU	DM Europe	Y	100	12	300	15
MSCI Europe (EUR; Price)	FMEP	DM Europe	Y	100	15	300	18
MSCI Europe (USD; GTR)	FMGU	DM Europe		5	15	15	18
MSCI Europe (USD; NTR)	FMED	DM Europe	Y	50	12	100	15
MSCI Europe ex Switzerland (EUR; NTR)	FMXS	DM Europe		20	15	60	18
MSCI Europe ex UK (EUR; NTR)	FMXG	DM Europe		10	15	30	18
MSCI Europe Growth (EUR; NTR)	FMEG	DM Europe		10	25	30	28
<u>MSCI Europe Small Cap</u>	<u>FMES</u>	<u>DM Europe</u>		<u>5</u>	<u>45</u>	<u>15</u>	<u>50</u>
MSCI Europe Value (EUR; NTR)	FMEV	DM Europe		10	25	30	28
<u>MSCI Finland</u>	<u>FMFI</u>	<u>DM Europe</u>		<u>10</u>	<u>25</u>	<u>30</u>	<u>28</u>
MSCI France (EUR; GTR)	FMGF	DM Europe		10	30	30	33
MSCI France (EUR; NTR)	FMFR	DM Europe	Y	15	25	45	28
MSCI Italy (EUR; NTR)	FMIT	DM Europe		5	30	15	33
<u>MSCI Netherlands</u>	<u>FMNL</u>	<u>DM Europe</u>		<u>10</u>	<u>25</u>	<u>30</u>	<u>28</u>
<u>MSCI Norway</u>	<u>FMNW</u>	<u>DM Europe</u>		<u>5</u>	<u>25</u>	<u>15</u>	<u>28</u>
<u>MSCI Spain</u>	<u>FMSP</u>	<u>DM Europe</u>		<u>10</u>	<u>25</u>	<u>30</u>	<u>28</u>
<u>MSCI Sweden</u>	<u>FMSD</u>	<u>DM Europe</u>		<u>10</u>	<u>25</u>	<u>30</u>	<u>28</u>
<u>MSCI Switzerland</u>	<u>FMSZ</u>	<u>DM Europe</u>		<u>5</u>	<u>25</u>	<u>15</u>	<u>28</u>
MSCI UK (GBP; NTR)	FMUK	DM Europe		5	20	15	22
MSCI UK (USD; NTR)	FMDK	DM Europe	Y	10	20	30	22
MSCI AC ASEAN (USD; NTR)	FMSE	DM World		5	30	15	33
MSCI AC Asia (USD; NTR)	FMAA	DM World		5	30	15	33
MSCI AC Asia ex Japan (USD; NTR)	FMXJ	DM World		20	25	50	28
MSCI AC Asia Pacific (USD; NTR)	FMAP	DM World		25	30	75	33
MSCI AC Asia Pacific ex Japan (USD; NTR)	FMAS	DM World		20	20	50	22
MSCI ACWI (EUR; NTR)	FMAE	DM World	Y	50	30	150	33

Futures on	Product ID	Revenue Sharing Package	Mandatory	LP1 (all time zones)		LP2 (all time zones)	
				Size in Lots	Max. Spread in Basis Points	Size in Lots	Max. Spread in Basis Points
MSCI ACWI (USD; NTR)	FMAC	DM World	Y	75	20	150	22
<u>MSCI ACWI (USD Price)</u>	<u>FMAW</u>	<u>DM World</u>		<u>25</u>	<u>25</u>	<u>75</u>	<u>28</u>
MSCI ACWI ex USA (USD; NTR)	FMXU	DM World		25	30	75	33
MSCI Australia (USD; NTR)	FMAU	DM World	Y	20	20	40	22
MSCI Canada (USD; GTR)	FMGC	DM World	Y	10	20	20	22
MSCI Canada (USD; NTR)	FMCA	DM World		10	25	20	28
MSCI EAFE (USD; NTR)	FMFA	DM World	Y	15	12	45	15
MSCI EAFE (USD; Price)	FMFP	DM World	Y	15	12	45	15
MSCI Hong Kong (USD; NTR)	FMHK	DM World	Y	10	30	20	33
MSCI Japan (JPY; NTR)	FMJY	DM World		25	30	75	33
MSCI Japan (USD; GTR)	FMJG	DM World		5	15	15	18
MSCI Japan (USD; NTR)	FMJP	DM World	Y	25	12	75	15
MSCI Kokusai (USD; GTR)	FMKG	DM World		5	20	15	22
MSCI Kokusai (USD; NTR)	FMKN	DM World		5	20	15	22
MSCI New Zealand (USD; NTR)	FMNZ	DM World		5	35	15	40
MSCI North America (USD; GTR)	FMGA	DM World		10	20	30	22
MSCI North America (USD; NTR)	FMNA	DM World	Y	10	12	30	15
<u>MSCI North America SMID (USD; NTR)</u>	<u>FMNS</u>	<u>DM World</u>		<u>10</u>	<u>45</u>	<u>30</u>	<u>50</u>
MSCI Pacific (USD; GTR)	FMPG	DM World		10	30	30	33
MSCI Pacific (USD; NTR)	FMPA	DM World		20	25	50	28
MSCI Pacific ex Japan (USD; NTR)	FMPX	DM World		20	20	50	22
MSCI Singapore (USD; NTR)	FMSI	DM World		5	35	15	40
MSCI USA (USD; GTR)	FMGS	DM World		5	15	15	18
MSCI USA (USD; NTR)	FMUS	DM World	Y	10	12	30	15
MSCI USA Equal Weighted (USD; NTR)	FMUE	DM World		5	20	15	22
MSCI USA Momentum (USD; NTR)	FMUM	DM World		5	20	15	22
MSCI USA Quality (USD; NTR)	FMUQ	DM World		5	20	15	22
MSCI USA Value Weighted (USD; NTR)	FMUV	DM World		5	20	15	22
MSCI World (EUR; GTR)	FMWE	DM World		10	15	30	18
MSCI World (EUR; NTR)	FMWN	DM World	Y	150	15	450	18
MSCI World (GBP; NTR)	FMWB	DM World		5	15	15	18
MSCI World (USD; GTR)	FMWG	DM World		5	15	15	18
MSCI World (USD; NTR)	FMWO	DM World	Y	75	12	225	15
MSCI World (USD; Price)	FMWP	DM World	Y	50	15	150	18
MSCI World Commun. Serv. (USD; NTR)	FMWC	DM World		10	25	30	28
MSCI World Cons. Discret. (USD; NTR)	FMWD	DM World		10	25	30	28
MSCI World Cons. Staples (USD; NTR)	FMWS	DM World		10	25	30	28
MSCI World Energy (USD; NTR)	FMWR	DM World		10	25	30	28

Futures on	Product ID	Revenue Sharing Package	Mandatory	LP1 (all time zones)		LP2 (all time zones)	
				Size in Lots	Max. Spread in Basis Points	Size in Lots	Max. Spread in Basis Points
MSCI World Financials (USD; NTR)	FMWF	DM World		10	25	30	28
MSCI World Growth (USD; NTR)	FMOG	DM World		5	25	15	28
MSCI World Health Care (USD; NTR)	FMWH	DM World		10	25	30	28
MSCI World Industrials (USD; NTR)	FMWI	DM World		10	25	30	28
MSCI World IT (USD; NTR)	FMWL	DM World		10	25	30	28
MSCI World Materials (USD; NTR)	FMWT	DM World		10	25	30	28
MSCI World Mid_eCap (USD; NTR)	FMWM	DM World		5	45	15	50
MSCI World Real Estate (USD; NTR)	FMWW	DM World		10	25	30	28
MSCI World Small Cap (USD; NTR)	FMSC	DM World		5	45	15	50
MSCI World Utilities (USD; NTR)	FMWQ	DM World		10	25	30	28
MSCI World Value (USD; NTR)	FMOV	DM World		5	25	15	28
MSCI Argentina (USD; NTR)	FMAR	EM		5	75	15	85
MSCI Chile (USD; NTR)	FMCL	EM		5	90	15	100
MSCI China Free (USD; NTR)	FMCN	EM	Y	10	20	30	22
MSCI Colombia (USD; NTR)	FMCO	EM		5	90	15	100
MSCI Czech Rep (USD; NTR)	FMCZ	EM		5	90	15	100
MSCI Egypt (USD; NTR)	FMEY	EM		5	90	15	100
MSCI EM Communic. Serv. (USD; NTR)	FMMC	EM		10	40	30	45
MSCI EM Cons. Discret. (USD; NTR)	FMMD	EM		10	40	30	45
MSCI EM Cons. Staples (USD; NTR)	FMMS	EM		10	40	30	45
MSCI EM Energy (USD; NTR)	FMMR	EM		10	40	30	45
MSCI EM Financials (USD; NTR)	FMMF	EM		10	40	30	45
MSCI EM Health Care (USD; NTR)	FMMH	EM		10	40	30	45
MSCI EM Industrials (USD; NTR)	FMMI	EM		10	40	30	45
MSCI EM IT (USD; NTR)	FMML	EM		10	40	30	45
MSCI EM Materials (USD; NTR)	FMMT	EM		10	40	30	45
MSCI EM Real Estate (USD; NTR)	FMMW	EM		10	40	30	45
MSCI EM Utilities (USD; NTR)	FMMQ	EM		10	40	30	45
MSCI Emerging Markets (EUR; NTR)	FMEN	EM	Y	20	15	60	18
MSCI Emerging Markets (USD; NTR)	FMEM	EM	Y	20	12	60	15
MSCI Emerging Markets (USD; Price)	FMEF	EM	Y	20	12	60	15
MSCI Emerging Markets Asia (USD; NTR)	FMEA	EM	Y	20	15	60	18
MSCI Emerging Markets Asia ex Korea (USD; NTR)	FMXK	EM		10	30	30	33
MSCI Emerging Markets EMEA (USD; NTR)	FMEE	EM	Y	20	25	60	28
MSCI Emerging Markets EMEA ex Turkey (USD; NTR)	FMXT	EM		5	35	15	40
MSCI Emerging Markets Growth (USD; NTR)	FMMG	EM		5	20	15	22

Futures on	Product ID	Revenue Sharing Package	Mandatory	LP1 (all time zones)		LP2 (all time zones)	
				Size in Lots	Max. Spread in Basis Points	Size in Lots	Max. Spread in Basis Points
MSCI Emerging Markets LatAm ex Brazil (USD; NTR)	FMXB	EM		5	45	15	50
MSCI Emerging Markets Latin Am. (USD; NTR)	FMEL	EM	Y	20	40	60	45
MSCI Emerging Markets Value (USD; NTR)	FMMV	EM		5	20	15	22
MSCI Frontier Markets (USD; NTR)	FMFM	EM		10	125	30	140
MSCI GCC Countries (USD; NTR)	FMCG	EM		5	60	15	70
MSCI Hungary (USD; NTR)	FMHU	EM		5	90	15	100
MSCI India (USD; NTR)	FMIN	EM	Y	5	20	15	22
MSCI Indonesia (USD; NTR)	FMID	EM		10	50	30	55
MSCI Kuwait (USD; NTR)	FMKW	EM		10	60	30	70
MSCI Malaysia (USD; NTR)	FMMY	EM		5	35	15	40
MSCI Mexico (USD; NTR)	FMMX	EM	Y	10	40	30	45
MSCI Morocco (USD; NTR)	FMMA	EM		5	90	15	100
MSCI Pakistan (USD; NTR)	FMPK	EM		5	90	15	100
MSCI Peru (USD; NTR)	FMPE	EM		10	90	30	100
MSCI Philippines (USD; NTR)	FMPH	EM		10	60	30	70
MSCI Poland (USD; NTR)	FMPL	EM		10	50	30	55
MSCI Qatar (USD; NTR)	FMQA	EM		10	90	30	100
MSCI Russia (USD; NTR)	FMRS	EM		10	50	30	55
MSCI Russia (USD; Price)	FMRU	EM		25	50	75	55
MSCI Saudi Arabia (USD; NTR)	FMSA	EM		10	50	30	55
MSCI South Africa (USD; NTR)	FMZA	EM	Y	5	30	15	33
MSCI Taiwan (USD; NTR)	FMTW	EM	Y	10	30	30	33
MSCI Thailand (USD; NTR)	FMTH	EM		20	35	60	40
MSCI UAE (USD; NTR)	FMUA	EM		5	90	15	100

b. Maturity Range B: Calendar spread contracts

For the following products, the quotation of the calendar spread is requested. Quoting the calendar spread needs to be done in the calendar spread instrument itself. Quotation of the first and second expiry is not sufficient. Quoting the calendar is limited to the quarterly expiry months (March, June, September and December), i.e. only between the first business day and the Thursday before the 3rd Friday of those months the calendar spread between the first and the second quarterly expiry needs to be quoted.

Fulfilment of the quotation of calendar spreads is sufficient to gain rebates for the month, however, to also receive revenue sharing, it needs to be done in addition to the standard quotation of the outright contract.

Futures on	Product ID	Revenue Sharing Package	Mandatory	Scheme LP1 and LP2	
				Size in Lots	Max. Spread in Index Points
MSCI Australia (USD; NTR)	FMAU	DM World	Y	75	6.0
MSCI Japan (USD; NTR)	FMJP	DM World	Y	75	6.0
MSCI EAFE (USD; Price)	FMFP	DM World	Y	100	1.2
MSCI EAFE (USD; NTR)	FMFA	DM World	Y	75	4.0
MSCI China Free (USD; NTR)	FMCN	EM	Y	125	1.2
MSCI Emerging Markets (USD; Price)	FMEF	EM	Y	125	0.75
MSCI Emerging Markets (USD; NTR)	FMEM	EM	Y	125	0.5
MSCI Emerging Markets Asia (USD; NTR)	FMEA	EM	Y	125	0.6
MSCI Emerging Markets EMEA (USD; NTR)	FMEE	EM	Y	75	0.75
MSCI Emerging Markets Latin Am. (USD; NTR)	FMEL	EM	Y	75	1.2
MSCI Canada (USD; GTR)	FMGC	DM World	Y	40	7.0
MSCI USA (USD; NTR)	FMUS	DM World	Y	75	8.0
MSCI UK (USD; NTR)	FMDK	DM Europe	Y	75	6.0
MSCI Hong Kong (USD; NTR)	FMHK	DM World	Y	40	80.0
MSCI Emerging Markets (EUR; NTR)	FMEN	EM	Y	75	0.5
MSCI North America (USD; NTR)	FMNA	DM World	Y	75	8.0