

April
2018

PineBridge Investments Europe Limited (PBIEL) Annual Best Execution Disclosure 2017

This material must be read in conjunction with the disclosure statement.

Class of Instrument	FX				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
BNP / ROMUWSFPU8MPRO8K5P83	34.32%	3.98%	N/A	N/A	N/A
HSBC / MP6I5ZYZBEU3UXPYFY54	26.19%	4.15%	N/A	N/A	N/A
JPM / 7H6GLXDRUGQFU57RNE97	26.02%	40.05%	N/A	N/A	N/A
State Street / 571474TGEMMWANRLN572	6.32%	28.38%	N/A	N/A	N/A
Morgan Stanley / 4PQUHN3JPFQFN3BB653	3.88%	17.96%	N/A	N/A	N/A

The FX market is mostly liquid and pricing is transparent, therefore size executed is less of an issue. The focus for this market is price and speed of our execution, as our orders tend to be price sensitive and market price action moves at a fast pace.

Emerging Markets Corporate

Class of Instrument	Emerging Markets Corporate				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
Barclays / G5GSEF7VJP5170UK5573	11.19%	10.85%	N/A	N/A	N/A
CITI / XKZZ2JZF41MRHTR1V493	9.85%	9.98%	N/A	N/A	N/A
JPM / 7H6GLXDRUGQFU57RNE97	7.47%	7.36%	N/A	N/A	N/A
HSBC / MP6I5ZYZBEU3UXPYFY54	7.30%	7.17%	N/A	N/A	N/A
Goldman Sachs / W22LR0WP2IHZNBB6K528	6.24%	5.79%	N/A	N/A	N/A

The EM corporate market liquidity can be challenging and pricing has less transparency particularly in off benchmark names. The orders in this market tend to be price focused. Seeking liquidity (i.e. ensuring it is executable) at the right price is the priority. A factor also in the venue rankings is the higher ranked names tend to bring the most new issue deals.

Emerging Markets Sovereign Hard Currency

Class of Instrument	Emerging Markets Sovereign Hard Currency				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
Barclays / G5GSEF7VJP5170UK5573	13.75%	12.43%	N/A	N/A	N/A
Jefferies / S5THZMDUJCTQZBTRVI98	11.18%	11.50%	N/A	N/A	N/A
CITI / XKZZ2JZF41MRHTR1V493	10.08%	10.08%	N/A	N/A	N/A
JPM / 7H6GLXDRUGQFU57RNE97	8.16%	8.57%	N/A	N/A	N/A
Nomura / DGQCSV2PHVF7I2743539	7.27%	6.57%	N/A	N/A	N/A

The EM Sovereign Hard Currency liquidity can be a challenge in off benchmark names particularly. The focus is liquidity and price. PBIEL also in the benchmark names focus on speed of execution given the pace of price action in those names can be fast moving. Another factor in venue rankings for the higher ranked names is they tend to bring new issues.

Emerging Markets Sovereign Local Currency

Class of Instrument	Emerging Markets Sovereign Local Currency				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
JPM / 7H6GLXDRUGQFU57RNE97	12.74%	15.08%	N/A	N/A	N/A
HSBC / MP6I5ZYZBEU3UXPYFY54	11.74%	13.80%	N/A	N/A	N/A
BBVA / K8MS7FD7N5Z2WQ51AZ71	10.12%	7.37%	N/A	N/A	N/A
Deutsche Bank / 7LTWFZYICNSX8D621K86	10.06%	8.14%	N/A	N/A	N/A
CITI / XKZZ2JZF41MRHTR1V493	7.92%	6.86%	N/A	N/A	N/A

The EM Sovereign Local currency market is a mixture of large liquid and smaller more challenging markets. PBIEL tailors the execution to the market, if the market is liquid PBIEL priorities speed and price. For the smaller less liquid markets ability to execute and price are more of the priority.

European Investment Grade Credit

Class of Instrument	European Investment Grade Credit				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Bank / 7LWTFZYICNSX8D621K86	10.12%	9.14%	N/A	N/A	N/A
JPM / 7H6GLXDRUGQFU57RNE97	8.77%	10.13%	N/A	N/A	N/A
RBC / TXDSU46SXBWIGJ8G8E98	7.97%	7.15%	N/A	N/A	N/A
HSBC / MP6I5ZYZBEU3UXPYFY54	6.94%	7.45%	N/A	N/A	N/A
Merrill Lynch / EYKN6VOZCB8VD9IULB80	6.58%	5.36%	N/A	N/A	N/A

The EURO IG corporate market liquidity can be challenging and pricing has less transparency particularly in the off benchmark names. The orders in the this market tend to be price focused. Seeking liquidity (i.e. ensuring it is executable) at the right price is the priority. A factor also in the venue rankings is the higher ranked names tend to bring the most new issue deals.

G10 Rates

Class of Instrument	G10 Rates				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
Nomura / DGQCSV2PHVF7I2743539	9.41%	6.84%	N/A	N/A	N/A
Mitsubishi / U7M81AY481YLIOR75625	6.60%	2.22%	N/A	N/A	N/A
HSBC / MP6I5ZYZBEU3UXPYFY54	6.35%	6.65%	N/A	N/A	N/A
CITI / XKZZ2JZF41MRHTR1V493	5.72%	7.02%	N/A	N/A	N/A
Barclays / G5GSEF7VJP5I7OUK5573	5.66%	3.88%	N/A	N/A	N/A

The G10 market is mostly liquid and pricing is transparent, so getting size executed is less of an issue. The focus for this market is price and speed of our execution, as our orders tend to be price sensitive and market price action moves at a fast pace.

Leveraged Loans

Class of Instrument	Leveraged Loans				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
JPM / 7H6GLXDRUGQFU57RNE97	15.84%	15.85%	N/A	N/A	N/A
Credit Suisse /DL6FFRRLF74S01HE2M14	13.50%	13.46%	N/A	N/A	N/A
Barclays / G5GSEF7VJP5I7OUK5573	10.17%	9.81%	N/A	N/A	N/A
Morgan Stanley / 4PQUHN3JPFGFNF3BB653	6.56%	7.42%	N/A	N/A	N/A
BNP / ROMUWSFPU8MPRO8K5P83	6.18%	9.06%	N/A	N/A	N/A

The most important factor when assessing a trade is the price. Other factors that are important include costs (i.e. transfer fees are waived if PBIEL trades with the agent) and ability to settle promptly in instances where PBIEL needs to raise cash. However in these instances it is usually done at the prices that are in line with best prices in the market.

High Yield

Class of Instrument	High Yield				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as a percentage of total in that class	Percentage of Passive orders	Percentage of aggressive orders	Percentage of directed orders
Barclays / G5GSEF7VJP5I7OUK5573	48.64%	5.70%	N/A	N/A	N/A
JPM / 7H6GLXDRUGQFU57RNE97	30.20%	3.07%	N/A	N/A	N/A
Credit Suisse /DL6FFRRLF74S01HE2M14	6.01%	12.28%	N/A	N/A	N/A
Goldman Sachs / W22LROWP2IHZNBB6K528	3.22%	10.96%	N/A	N/A	N/A
Deutsche Bank / 7LTFZYICNSX8D621K86	2.75%	7.89%	N/A	N/A	N/A

The most important factor when assessing a trade is the price. Other factors that are important include costs (i.e. transfer fees are waived if PBIEL trade with the agent) and ability to settle promptly in instances where PBIEL needs to raise cash. However in these instances it is usually done at the prices that are in line with best prices in the market.

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