Trading the government bond yield curve

• The yield curve for German government bond debt has changed its slope and shape over the course of time.
• Starting with a flattish structure in 2006, the steepness of the yield curve increased when the ECB reduced short-term rates in the wake of the financial crisis.
• Buy-side investors and proprietary trading firms actively trade these price relationships and moves.
• An IPS will let them anticipate yield changes at various points of the yield curve or hedge against a parallel shift of the yield curve, all without any legging risk.

Trading the sovereign yield spread

• In the early 2000s, the yields of Eurozone currency members’ sovereign debt converged to German yield levels.
• The financial crisis accentuated the divergence of valuations and credit worthiness as European sovereign debt issuers differed in the response to the subprime crisis.
• An IPS allows investors to trade the spread between government bond futures of different countries in a delta (DV01) neutral fashion in a dedicated order book, without any legging risk.

Contracts and ratios

From 16 September 2019, the following Fixed Income Futures combinations are available as Eurex Inter-Product Spreads:

<table>
<thead>
<tr>
<th>Inter-Product Spread Strategy</th>
<th>Instrument name</th>
<th>Bloomberg code</th>
<th>DV01 neutral leg ratio</th>
<th>IPS ratio of leg instruments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bund-Buxl Spread</td>
<td>IPLX</td>
<td>RXUB Comdty</td>
<td>2.68</td>
<td>5 : 2</td>
</tr>
<tr>
<td>Long-term BTP-Bund Spread</td>
<td>IPPL</td>
<td>IKRX Comdty</td>
<td>1.50</td>
<td>3 : 2</td>
</tr>
<tr>
<td>Schatz-Short-term BTP Spread</td>
<td>IPS2</td>
<td>DUBTS Comdty</td>
<td>1.05</td>
<td>1 : 1</td>
</tr>
</tbody>
</table>

The above IPS leg ratios are valid for the December 2019 expiry. Final ratios will always be confirmed before each new expiry starts trading.
**Key benefits**

**Spread trading opportunities**
IPS allows for trading of the government yield curve or the sovereign yield spread and enables investors to take a view on spreads widening or tightening.

**Operational efficiency with less risk**
By trading the Eurex IPS as a single trade, investors remove the legging risk involved when the transactions are done separately. It also improves daily operational procedures and reduces spread costs by reducing the number of trades required to trade the spread between government bond futures.

**Dedicated order book, full fungibility**
IPS will be quoted and traded in a separate public order book. The components of the two-legged product however are processed for clearing and reporting as individual futures legs. The fully fungible futures legs can be traded out separately in their outright order books.

**DV01 neutrality**
The leg ratio of IPS is determined from expiry to expiry to ensure the forward DV01 neutrality of the spread. The ratio will be determined shortly before the next new IPS contract becomes available and published via the Newsboard and on www.eurexchange.com prior to their respective first day of trading.

**Market Making scheme**
A Market Maker scheme is available to ensure liquidity in the product.

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**ARBN Number:** Eurex Frankfurt AG ARBN 100 999 764

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