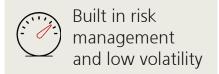


# UBS Multi Asset Engle SGD Index

The Index provides multi asset diversification with risk weighted approach using innovative forward-looking rebalancing model developed by UBS in partnership Dr. Robert Engle.







### Index construction

Risk exposure

The index portfolio starts with a fixed risk exposure across three asset classes.

Risk exposures are rebalanced monthly.

US equities | Growth asset

S&P 500 futures UBS US Equity Engle 10% Index

Risk

exposure

**US bonds | Defensive asset** 

U.S. 10-Year Treasury Notes futures UBS US Dynamic Bond EMA Index

30%

Gold | Diversifying asset

Gold futures UBS Gold Engle 10% Index

**Target allocation** 

A dollar "target allocation" is calculated for each asset class based on the risk exposure contribution prescribed in Step 1. Target allocation depends on the asset risk level and crosscorrelation between assets.

\$100 \$45

Final portfolio allocation

Finally, the index uses Dr. Engle's predictive volatility control model to better forecast volatility and correlation across assets, adjusting allocation as financial market conditions change.

During high volatility, allocation is reduced while low volatility, allocation is increased, up to \$200.

The index aims to keep the final portfolio allocation within 6% risk target.

High volatility at 12% Final portfolio allocation is reduced to \$50 6% / 12% x \$100 = \$50

Low volatility at 5% Final portfolio allocation \$54 is increased to \$120. \$54 6% / 5% x \$100 = \$120 *k* 

For illustrative purposes



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