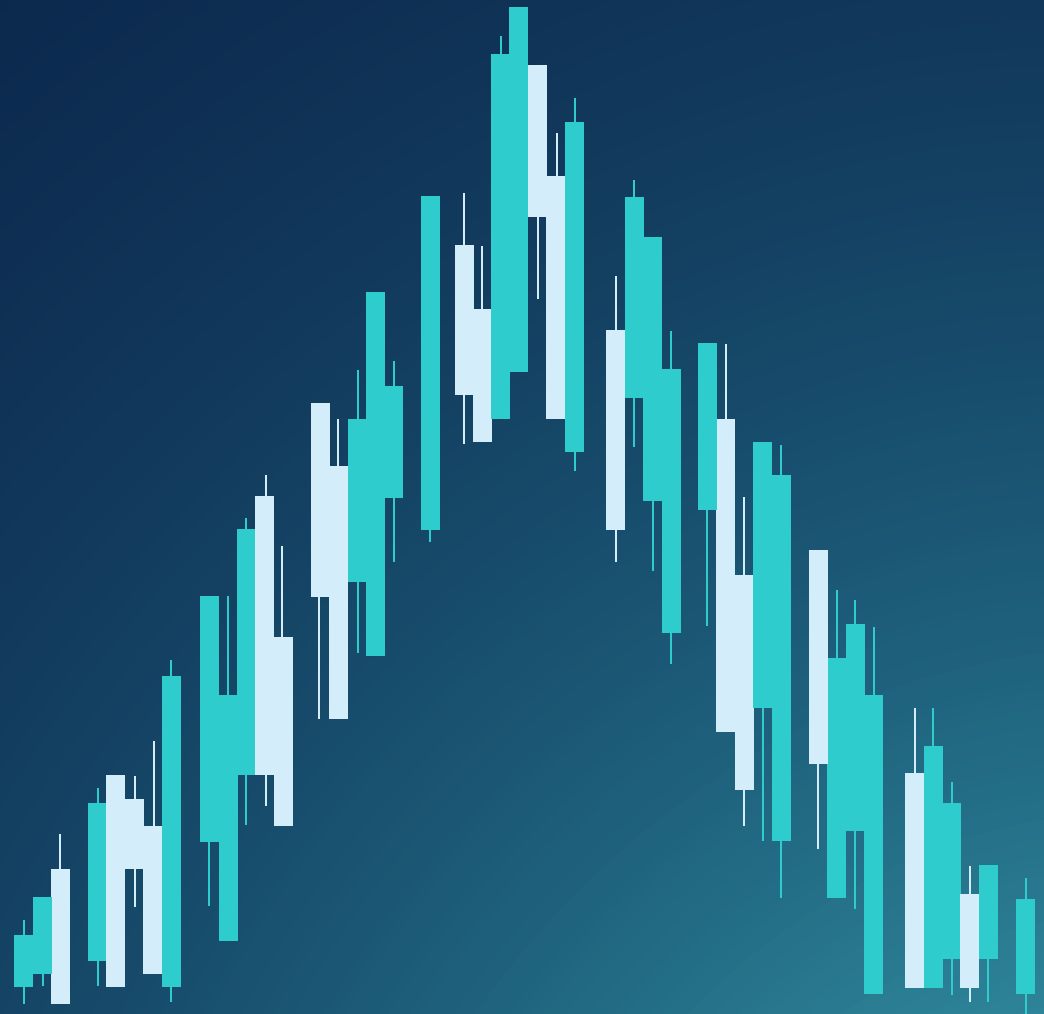




Corporate &
Investment Banking

Quantitative Investment Strategies

BBVA Global Markets



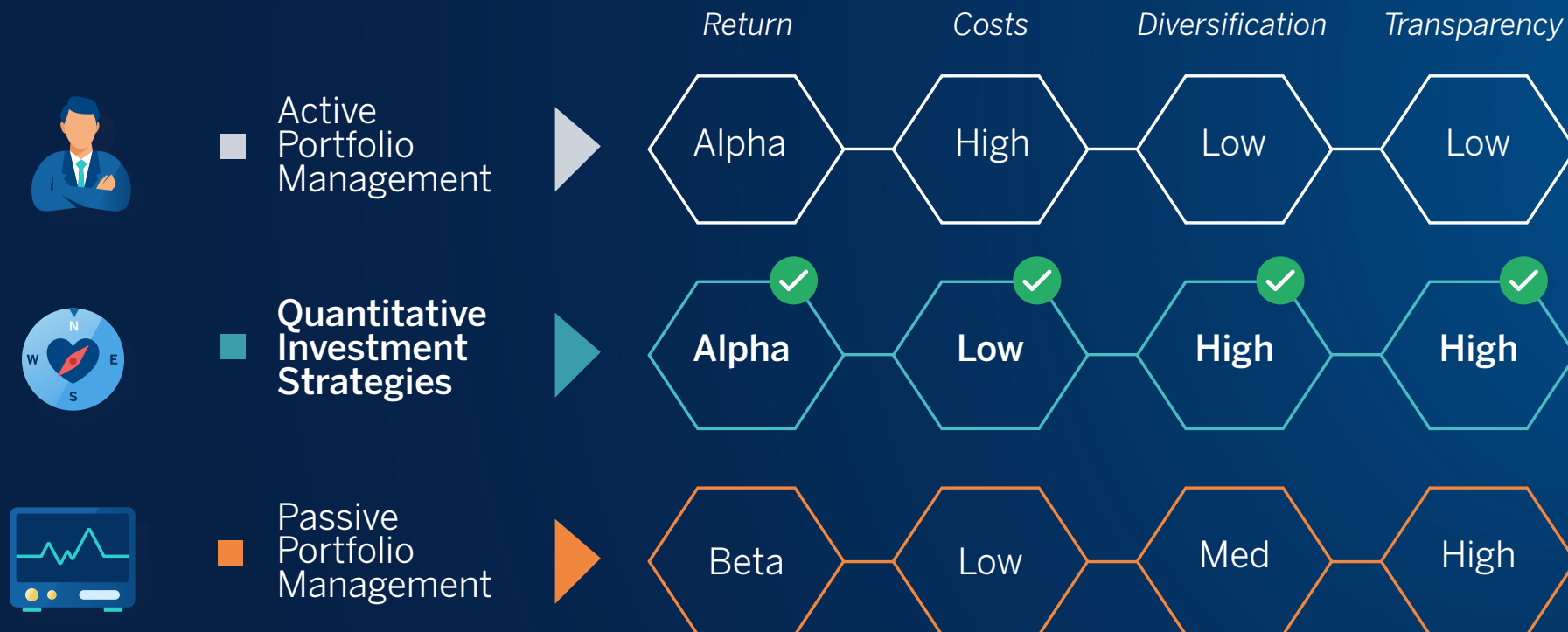
Creating Opportunities

BBVA's Quantitative Investing Approach

QUANTITATIVE INVESTMENT STRATEGIES ◀

Quantitative Investing is an **alternative way of investing** that **relies on rules-based investment strategies encapsulated in indices** allowing clients to harvest alpha, or get access to non correlated complementary sources of return in a cost-efficient, diversified and transparent manner.

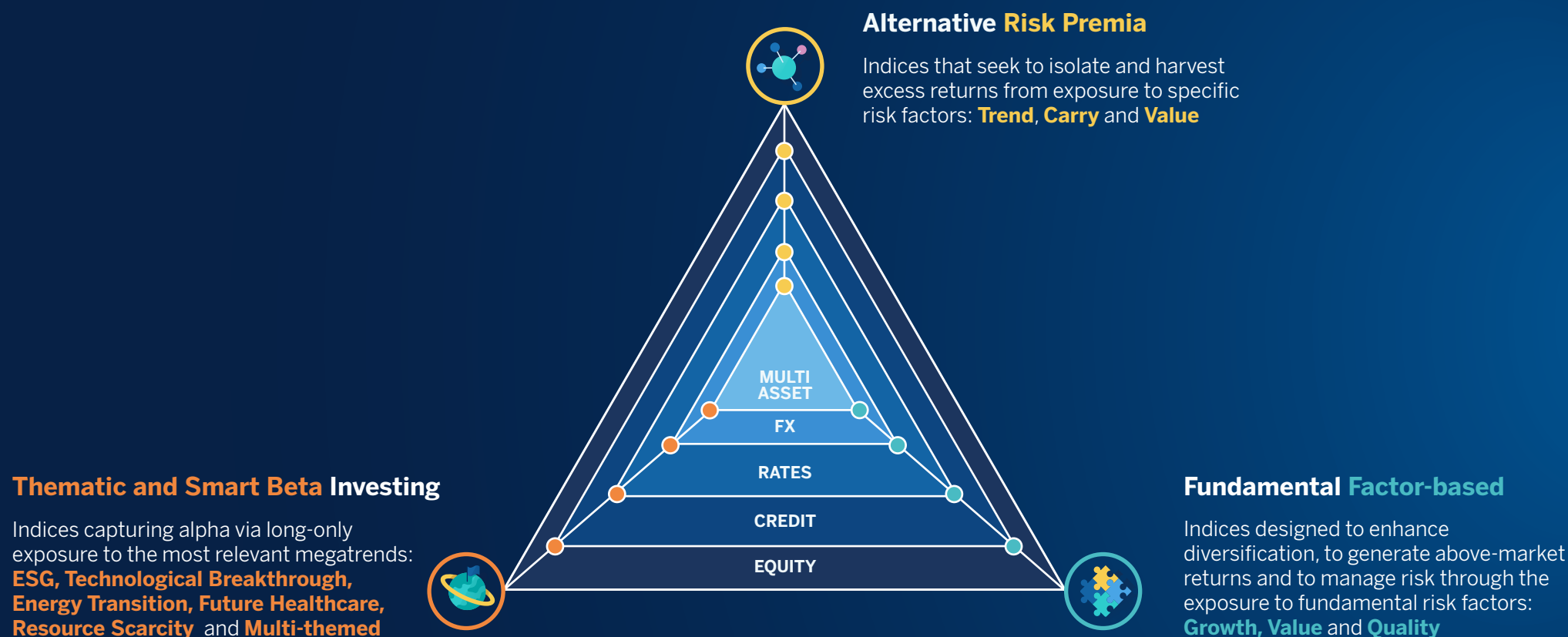
INVESTMENT TECHNIQUES



BBVA QIS Offering - Our Classification

QUANTITATIVE INVESTMENT STRATEGIES ◀



QIS indices can be **classified** into the following types based on the underlying investment idea and investment purpose:



Additionally, BBVA QIS offers **Tailor-made indices** that are developed jointly with clients to meet their specific investment requirements. These indices could be a combination of the existing product offering or they could be built completely from scratch.

BBVA QIS Offering - The Investment portfolio

QUANTITATIVE INVESTMENT STRATEGIES ◀

Thematic: ESG	5Y(a)*	Thematic: Others	5Y(a)*	Alternative Risk Premia	5Y(a)*
<ul style="list-style-type: none"> ▶ Solactive BBVA ixESG Global Leaders 9.8%  		<ul style="list-style-type: none"> ▶ Solactive BBVA Next Generation Networks 9.2% 		Long / Short	
<ul style="list-style-type: none"> ▶ Solactive BBVA Climate Action PAB Europe 4.1% 		<ul style="list-style-type: none"> ▶ Solactive BBVA Cybersecurity 9.1%  		<ul style="list-style-type: none"> ▶ BBVA Credit Trend 3.0% 	
<ul style="list-style-type: none"> ▶ Solactive BBVA Climate Action CTB Europe 3.8% 		<ul style="list-style-type: none"> ▶ Solactive BBVA Metaverse 8.6% 		<ul style="list-style-type: none"> ▶ BBVA Credit Carry 3.8% 	
<ul style="list-style-type: none"> ▶ Solactive 360 Euro IG Corporate CTB -1.9% 		<ul style="list-style-type: none"> ▶ Solactive BBVA Health & Wellness 13.2% 		Long Only Allocator	
<ul style="list-style-type: none"> ▶ Solactive BBVA ixS Global Inclusive Growth 5.1% 		<ul style="list-style-type: none"> ▶ Solactive BBVA Resource Scarcity 14.3% 		<ul style="list-style-type: none"> ▶ BBVA SMART ** 3,8% 	
<ul style="list-style-type: none"> ▶ Solactive BBVA ixG Global Governance and Board Diversity 4.1% 		<ul style="list-style-type: none"> ▶ Solactive BBVA Top Trends 11.7% 		<p>The BBVA Smart Index comprises the BBVA Systematic Multi Asset Regional Trend RC 5% family of indices.</p>	
		<ul style="list-style-type: none"> ▶ Solactive BBVA Global Infrastructure 7.3% 			
		<ul style="list-style-type: none"> ▶ Solactive BBVA US REITs Index 6.8% 			

5Y annualized return calculated in EUR. Data from December 29, 2017 to December 30, 2022. Figures may be partly comprised of historical performance based on a backtest.



Best Seller Indices



Risk Control,



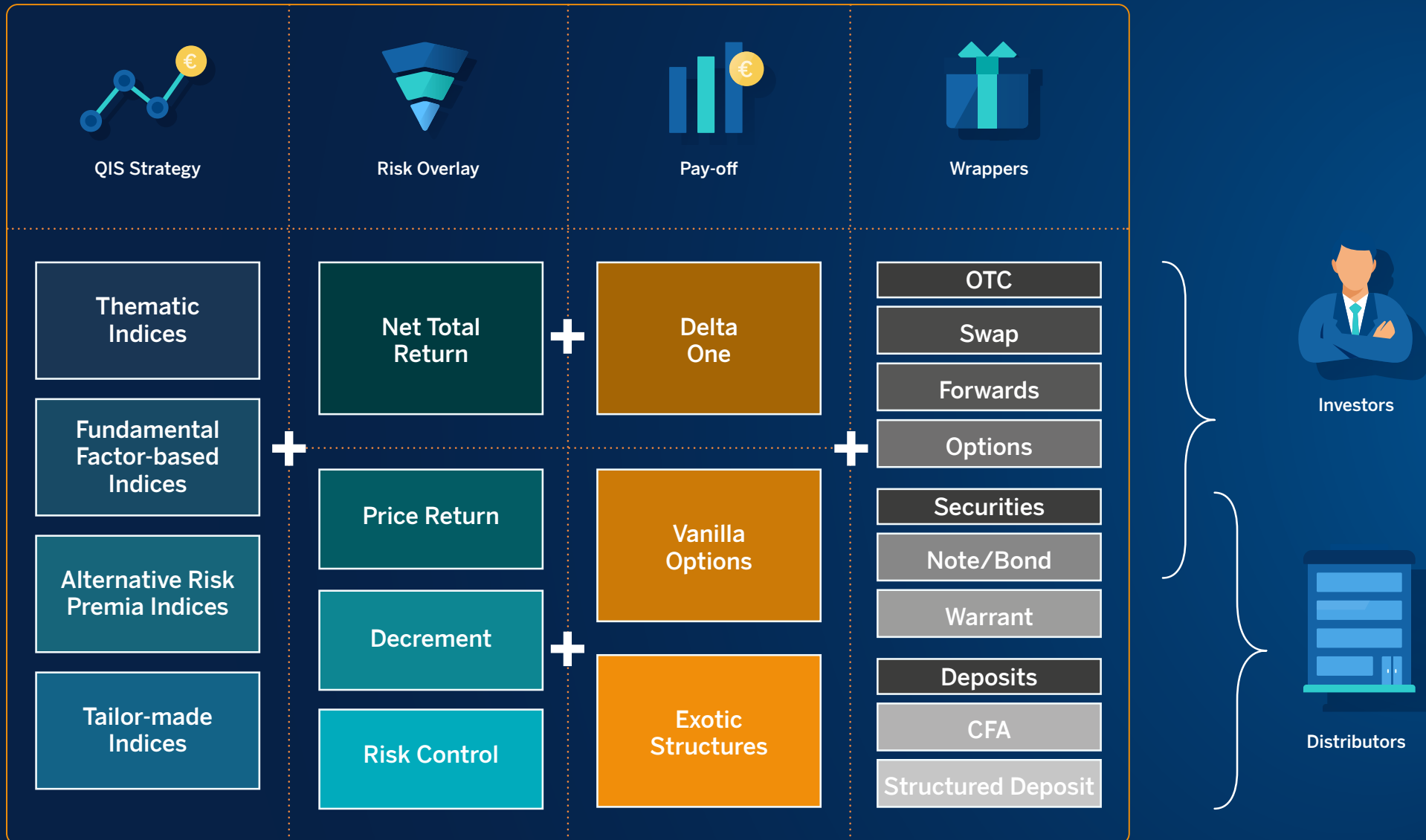
Enhanced Volatility Target and



Different currency versions are available and can be customised upon request.

A fully customized investment solution at your fingertips

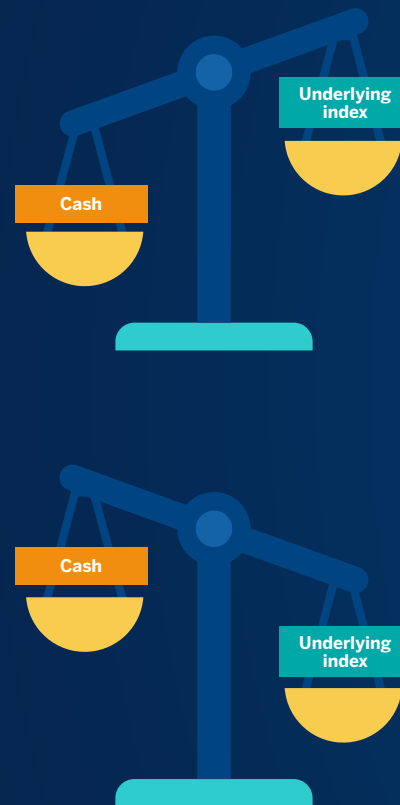
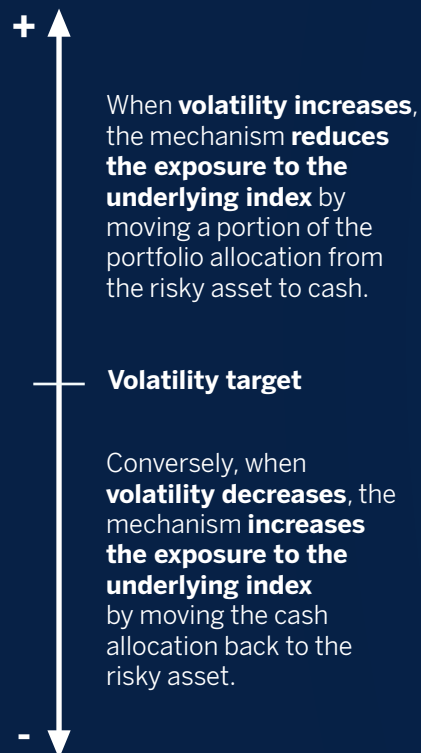
QUANTITATIVE INVESTMENT STRATEGIES ◀



Risk Control Mechanism

Risk control indices are designed to **keep risk at a predetermined level** for the investment strategy, **dynamically adjusting the exposure to the underlying index** (risky asset) depending on the **market realised volatility level**.

/ How does it work?



/ Main advantages



It opens up the opportunity to access a great number of markets and specific strategies via capital guaranteed structures.



By fixing at a predetermined level the variable that affects the most the price of the options (volatility), it **reduces significantly the price of the product**.



Dividend expectations do not affect the price of the products, as a predetermined synthetic dividend yield is subtracted.



Transparent, rules-based and simple mechanism.



See video for more information about the Risk Control mechanism.

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Corporate &
Investment Banking

Quantitative Investment Strategies

BBVA Global Markets 2022

“Our purpose is to bring **responsible and transparent investment opportunities** to everyone through **investable indices**”



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