

EVERY INVESTOR IS ONE OF A KIND. SO ARE RISKLAB'S SOLUTIONS.

Investment solutions customised to your needs

Your institution is likely to have its unique investing DNA – a singular combination of desired investment outcomes, constraints and risk tolerance.

With such individual requirements, finding the right solutions can be difficult.

What is risklab?

As a specialist team within Allianz Global Investors, risklab acts as your strategic investment partner.

Our team of over 50 investment professionals worldwide develops advisory services and solutions that are tailored to your individual investment goals.

We start every client engagement by listening to your needs and fostering a wide-ranging dialogue about your opportunities. Drawing on proprietary research into sources of risk and return, we help you address questions such as:

- What should my long-term strategic asset allocation be to achieve my investment objectives?
- How can I reduce the downside risk of my portfolio without giving up exposure to equity market returns?
- How does a private markets strategy that fits both my financial goals and implementation constraints look like?
- What are to sustainability characteristics of my portfolio and how can I improve them?
- How to provide institutional-like wealth management solutions to retail clients?

You need someone who can work in partnership with you, listen intelligently to your needs, and provide customised and actionable advice and solutions for your goals.

That's what risklab offers.

risklab actively supports your investment outcomes with customised advice

INNOVATIVE

- We employ innovative quantitative methods
- Our research capabilities span a global research network with academic partnerships
- We develop proprietary digital tools to facilitate diagnosis and implementation

CUSTOMISED

- We start every relationship by understanding your objectives and perspectives
- We customise solutions for each specific client situation
- Our solutions are designed to evolve with your changing needs

HOLISTIC

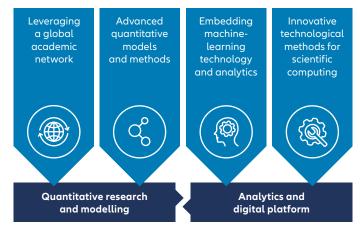
- We take a total portfolio approach rather than thinking in asset-class silos
- We cover the entire investment value chain
- Our advice is practical, not esoteric: it is designed for immediate implementation and results

RISKLAB

At the heart of risklab: our global innovation hub

Our global innovation hub – an intrinsic part of risklab – combines research tools and analytics with academic partnerships.

It helps ensure that our customised investment solutions are characterised by a high level of accuracy and precision, and operational stability and scalability. And it supports a digital-first approach, with intuitive online tools to equip clients and our own teams.



Our expertise: delivering insights and solutions aligned with your goals

SOLUTIONS

Asset allocation & portfolio construction

- · Capital markets modelling
- · Asset allocation and portfolio optimisation
- · Portfolio construction
- · Liability-driven investing

Risk management

- Assessment and modelling of market risk
- Design of risk-management solutions
- Tailored dynamic asset allocation and tail-risk strategies

Digital & wealth management

- · Holistic personalised wealth management
- Integrated digital & hybrid advisory tools
- · Customised retirement & pension solutions

Private markets

- Risk & return modelling
- Portfolio construction incl. commitment planning
- Designing private markets solutions

Sustainable investment

- Portfolio sustainability and climate risk assessment
- Implementation of sustainability objectives into portfolio construction and investment strategy
- · Tailored sustainable investment solutions

HOW YOU BENEFIT

Navigate investment challenges and optimise the asset allocation to meet your investment goals

Balance risk/return objectives within your portfolio allocation and stay in control of your portfolio at all times

Integrating accumulation, transition and decumulation in holistic wealth management tool based ecosystem

Gain a holistic view and high process stability throughout the implementation – with an integrated approach that combines all relevant steps of the value chain

We help you to incorporate sustainability goals in your portfolio and understand the influences on your investment goals

We're global – and local

Whatever the geographic reach of your institution, local factors will likely influence your investment goals and possible solutions.

Our teams of regional experts – supported by our global innovation hub – can access global best practice and adapt it to your needs.



Let us support your investment outcomes.

Investing involves risk. The value of an investment and the income from it may fall as well as rise and investors might not get back the full amount invested. Investing in fixed income instruments may expose investors to various risks, including but not limited to creditworthiness, interest rate, liquidity and restricted flexibility risks. Changes to the economic environment and market conditions may affect these risks, resulting in an adverse effect to the value of the investment. During periods of rising nominal interest rates, the values of fixed income instruments (including short positions with respect to fixed income instruments) are generally expected to decline. Conversely, during periods of declining interest rates, the values of these instruments are generally expected to rise. Liquidity risk may possibly delay or prevent account withdrawals or redemptions. Past performance is not a reliable indicator of future results. If the currency in which the past performance is displayed differs from the currency of the country in which the investor resides, then the investor should be aware that due to the exchange rate fluctuations the performance shown may be higher or lower if converted into the investor's local currency. The views and opinions expressed herein, which are subject to change without notice, are those of the issuer companies at the time of publication. The data used is derived from various sources, and assumed to be correct and reliable, but it has not been independently verified; its accuracy or completeness is not guaranteed and no liability is assumed for any direct or consequential losses arising from its use, unless caused by gross negligence or wilful misconduct. The conditions of any underlying offer or contract that may have been, or will be, made or concluded, shall prevail. The duplication, publication, or transmission of the contents, irrespective of the form, is not permitted; except for the case of explicit permission by Allianz Global Investors-rights

For professional investors in Europe (ex. Switzerland and United Kingdom):

This is a marketing communication issued by Allianz Global Investors GmbH, www.allianzgi.com, an investment company with limited liability, incorporated in Germany, with its registered office at Bockenheimer Landstrasse 42–44, 60323 Frankfurt/M, registered with the local court Frankfurt/M under HRB 9340, authorised by Bundesanstalt für Finanzdienstleistungsaufsicht (www.bafin.de). Allianz Global Investors GmbH has established branches in France, Italy, Spain, Luxembourg, Sweden, Belgium and the Netherlands. Contact details and information on the local regulation are available here (www.allianzgi.com/info)

For qualified investors in Switzerland:

This is a marketing communication is sued by Allianz Global Investors (Schweiz) AG, a 100% subsidiary of Allianz Global Investors GmbH.

For investors in the United Kingdom:

This is a marketing communication issued by Allianz Global Investors UK Limited, 199 Bishopsgate, London, EC2M 3TY, www.allianzglobalinvestors.co.uk. Allianz Global Investors UK Limited, company number 11516839, is authorised and regulated by the Financial Conduct Authority. Details about the extent of our regulation are available from us on request and on the Financial Conduct Authority's website (www.fca.org.uk). The duplication, publication, or transmission of the contents, irrespective of the form, is not permitted; except for the case of explicit permission by Allianz Global Investors UK Limited.

"risklab and risklab" are trademarks which are registered in the United States of America (USA), the European Union (EU), Hong Kong and various other jurisdictions. Legal owner of the aforementioned trademarks is Allianz Global Investors GmbH, a German capital management company (Kapitalverwaltungsgesellschaft) registered with Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin) under the German Capital Management Act (KAGB) which is also licensed as a provider of financial services in Germany. Registration of this trade mark shall give no right to the exclusive use of the word RISK, or of the word LAB, each separately and apart from the mark.