

Retirement Portfolio Planner

Supporting the construction of retirement planning solutions

The Retirement Portfolio Planner (RPP) is an analysis and planning solution for the needs of the retirement income market. RPP is a unique engine specifically configured to support advisers and product manufacturers solve the complex issues that arise in financial planning for retirement.

Traditional advice tools are not always effective in capturing and communicating the levels of risk inherent in a retirement solution. Risks are often described in generic and relative terms, using measures of volatility, or terms such as 'cautious', 'balanced', etc. This type of information means very little to a customer more concerned with their long-term income level. In order to effectively communicate the risks in long-term retirement income products, and to demonstrate the value in products designed to mitigate these risks, providers and advisers need to develop more effective means of measuring and presenting risks consistently across a range of different retirement income products and strategies.

Retirees need to understand whether a particular product or combination of products will meet their retirement objectives, be that sustaining a required level of income or allowing them to leave residual capital to their dependants.

Given the complexities of the evolving retirement market, and the inherent path-dependent nature of most retirement products, there is an increasing consensus that more sophisticated stochastic modelling techniques are required to capture the various risk factors, and support effective communication of the risks and benefits of different products and strategies.

Recognizing this challenge, Barrie & Hibbert has developed the Retirement Portfolio Planner – an engine to support the measurement and communication of risk in retirement products.

RPP – an integral part of the financial planning process



The RPP outputs an 'optimal' retirement portfolio which fits the customer's needs and risk profile.

The above is for illustrative purposes only. Clients' own RPP configurations are bespoke and as such will vary from the illustration shown.

With the RPP you can answer the following key questions:

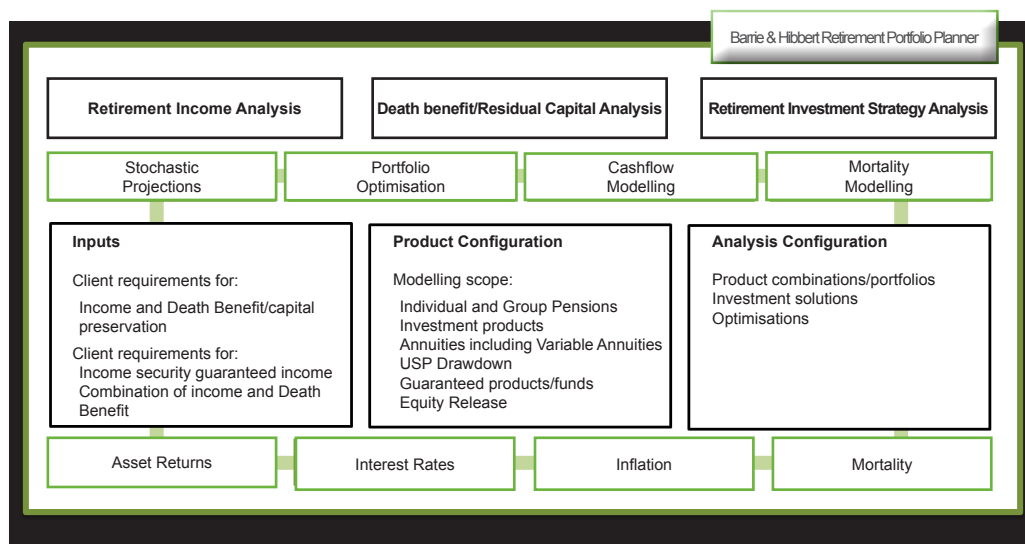
- How do we help the retirement investor understand their options?
- How do we measure an investor's attitude to risk at the point of retirement?
- Based on this assessment, what combination of products is best for the investor?
- For products with an investment component, what investment strategy is appropriate?

Flexible configuration

The analysis provided by the RPP can be configured by an adviser or product provider to suit the specific planning requirement: the products to be used within the analysis, the combination of these products within retirement portfolios, the investment solutions to be modelled and the nature of the presentation layer.

Consequently the RPP can be used to support a wide

range of planning solutions, from product providers demonstrating the value within their retirement proposition to advisers seeking to understand if a portfolio of retirement products is an optimal solution for their client. The configurability of the RPP, combined with B&H's expertise in global economic modelling make the RPP a true multi-region solution.



- Allows easy demonstration of the value of the retirement proposition
- Suits any planning requirement

Deployment

The RPP is usually deployed as an integrated calculation engine to data capture and presentation layers. It is therefore the ideal solution where an existing user interface is in place or where a bespoke interface is planned. Designed to be deployed on a wide variety of operating environments and infrastructures, the RPP has a fully documented API, minimizing time to market by reducing integration effort and testing. The

usual deployment for the RPP is where Barrie & Hibbert supply and configure the RPP calculation engine leaving the client free to create the user interface to their own specification, brand and user experience – we can introduce suitable software organizations to support this development if required, and provide consultancy support for the design and development of the interfaces.

Benefit from Barrie & Hibbert’s RPP

Comprehensive modelling capability	Barrie & Hibbert’s core expertise	Ease of integration
Income and capital modelling across all mainstream retirement products	Access to Barrie & Hibbert’s leading institutional economic scenario modelling capability	Unbundled offer – client can build own data capture/presentation layer and integrate RPP
Unique product portfolio analysis and optimization capabilities	Multi product, multi currency and multi-region	Easy integration to existing services, platforms and toolsets
Modular and flexible, designed around the planning needs of the retiree	Rigorously tested and validated by Barrie & Hibbert and thousands of users	Simple deployment and quarterly update process

Rely on our knowledge and experience

Barrie & Hibbert was established in 1995 by John Hibbert and Andrew Barrie. We provide a range of software modelling tools, research and consulting services to a wide range of financial institutions and strategic partners.

Our primary focus is the identification, quantification and management of financial risk in savings and investment products, institutional portfolios and life and pensions balance sheets. We have developed a powerful library of financial models that can be used to understand the complicated joint financial relationships that drive uncertainty in long-term financial plans.

Our people

The world-class reputation of our products and services is testament to the outstanding quality of our people. Barrie & Hibbert has one of the largest teams in the world committed to the commercial development and delivery of stochastic models – a team that includes financial experts and academics, economists, mathematicians and actuaries, all working together to bridge the gap between financial market theory and practice.

As well as those who build, develop, deliver and support our models, we employ experienced market practitioners who know how to integrate and align our products to specific clients' needs. This close engagement with our clients helps us to stay ahead in our ever-evolving marketplace and ensures that our clients reap maximum benefit from our products and services.

The outstanding level of our people's expertise has established Barrie & Hibbert as the world's leading provider of stochastic modelling tools.

We never stand still

Because the needs of our clients are constantly changing, we never stand still. Our dedicated research team is always at the leading edge, constantly working to enhance our products. This future-proofing, which is the cornerstone of our business, is also supported by strong links to practitioners, regulators and academia.

Our clients speak volumes

Over the years we have built up an impressive client base and over 65% of major global insurers now use Barrie & Hibbert models to support the measurement and management of economic risk capital. Many of the global actuarial and accountancy consultancies use our models as part of their service offerings.

Try out the RPP Engine today

Go to <http://www.barrhibb.com/rpp/>

See how Barrie & Hibbert can help your business manage risk more effectively.

Contact: info@barrhibb.com or visit our website.

www.barrhibb.com

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