



# Qualitative Fund Research

Westpac KiwiSaver Scheme Default Fund

December 2017



**Fund Manager of the Year**

## About the Manager

BT Funds Management (NZ) Limited (the Manager, BTNZ) is a wholly owned subsidiary of Westpac New Zealand Limited (Westpac NZ), which in turn is wholly owned by ASX listed parent Westpac Banking Corporation, ASX: WBC, (Westpac). Westpac's vision is to be one of the world's great service companies, helping its customers, communities and people to prosper and grow. The bank's primary areas of business are Australia, New Zealand and the Pacific. The Manager has provided a brief profile available [here](#).

The [Westpac KiwiSaver Scheme](#) is one of New Zealand's largest providers, and has been a default provider since 2014. The Westpac KiwiSaver Scheme offers a [focused investment menu](#) of multimanager diversified fund's that draw on all of the BTNZ investment team full capabilities.

Westpac provides a comprehensive outline on its operating principles and governance frameworks, outlined [here](#). Westpac is committed to empowering communities to become stronger and more prosperous, via its family of [philanthropic foundations](#). FundSource views corporate citizenship and governance frameworks as

extremely important foundations from which a manager starts to engage with the clients' experiences.

BTNZ manages five KiwiSaver diversified funds and one single sector fund:

- Westpac KiwiSaver Scheme Cash Fund
- [Westpac KiwiSaver Scheme Default Fund](#)
- Westpac KiwiSaver Scheme Conservative Fund
- Westpac KiwiSaver Scheme Moderate Fund
- Westpac KiwiSaver Scheme Balanced Fund
- Westpac KiwiSaver Scheme Growth Fund

These funds are managed by BTNZ, the investment arm of Westpac NZ. The investment team consists eight investment professionals. The [key roles](#) within the BTNZ are limited to head of positions. The investment team report through to the BT Investment Committee (BTIC) and the BTNZ Board of Directors. For the number and type of funds being managed, the team is well resourced and governed. The Manager does not publicly provide individual bios for the investment team.

## Using this Fund

**This is General Advice only and should be read in conjunction with the Disclaimers, Disclosures and Warnings at the end of this document.**

The Westpac KiwiSaver Scheme Default Fund ("the Fund"); formerly known as the Westpac KiwiSaver Scheme Defensive Fund, is a multi-asset portfolio that is best suited to short to medium term investors who can accept some investment risk over the medium term. The Fund has exposure to primarily income assets with a smaller exposure to growth assets.

The Fund is subject to market risk from several sectors, including equities and bonds, both domestic and global. Accordingly, the Fund may experience both positive and negative movements in valuation, as the prices of the underlying securities in the portfolio vary. Investors should

therefore be aware that there is a risk of potential capital loss being incurred on their investment.

This report focuses on the Default Fund which has a benchmark 80% income and 20% growth asset mix. The Manager executes their strategy using a multi manager approach, predominantly leveraging the skills of external fund managers, and internally managing New Zealand and Cash assets.

The Fund currently does not pay distributions to investors. This means that any income received by a Fund is retained, and is reflected in the unit price.

Question	What the Manager says	What FundSource think
<p>What are the Manager's assets under management - in total and in this Fund?</p>	<p>Westpac KiwiSaver Scheme \$5.19b. Westpac KiwiSaver Default Fund \$128.4m</p> <p><i>As at 30 September 2017:</i> Cash Fund: \$ 313.8m Default Fund: \$ 128.4m Conservative Fund: \$ 2237.0m Moderate Fund: \$ 249.1m Balanced Fund: \$ 1,234.1m Growth Fund: \$ 947m Capital Protection Plan (closed) \$81.0m <b>Total KiwiSaver Funds: \$ 5.190b</b></p>	<p>The Westpac KiwiSaver Scheme has significant funds under management across the six investment options, a cash option and five diversified options. The Scheme is distributed through Westpac New Zealand.</p> <p>The Fund was inception on 2 July 2014, and aims to provide investors with a stable return over the short to medium term.</p>
<p>Who is accountable for managing the Fund, and how long has the investment team worked together?</p>	<p>Francois Richeboeuf (Senior Portfolio Manager) joined BTNZ in 2010 and has overall responsibility for asset allocation and portfolio construction. Anna Boyle (Senior Research Analyst) joined BTNZ in 2009 and has overall responsibility for manager selection and analysis. Stephen Hong (Senior Portfolio Manager) joined BTNZ in 2013 and has overall responsibility for domestic fixed interest and money market allocations. Angelika Sansom is the lead investment analyst supporting the long term strategic asset allocation process and joined BTNZ in 2001. The full investment team comprises 8 full time investment professionals headed by Matthew Goldsack, Head of Investment Solutions, who joined BTNZ in 2008.</p>	<p>Richeboeuf has been responsible for managing the BTNZ diversified funds for over seven years. Richeboeuf is supported by a well-resourced team spanning across external manager research, internal investment capability for NZ bonds and asset allocation. The team ultimately report to Goldsack, who has overall responsibility for the investment team.</p> <p>The investment team is responsible for idea generation, management and monitoring funds within the full product suite. All funds are subject to oversight by a series of research teams operating within the investment team, some asset class specific, for example the Fixed Interest Group (FIG). The Investment Strategy Group (ISG) and Manager Monitoring Group (MMG) are more universal and are attended by the full BTNZ investment team. All outcomes are dealt with by the BT Investment Committee (BTIC), which is ultimately accountable to the BT Funds Management (NZ) Limited (BTNZ) Board, which is an all executive Board. FundSource highlights the BTIC includes a single non-executive independent member, all other appointments and attendees are internal Westpac/ BTNZ employees.</p> <p>BTNZ engage the services of third party investment adviser, Willis Towers Watson, who provide regular reviews of the investment team processes, and additional external manager data for offshore manager selection. The investment adviser is a non-voting relationship, and the investment team are not obligated to implement any recommendations from the investment adviser.</p> <p>The use of groups, committees and an external adviser assist in mitigating key person risk. This is complimented with one of the larger internal teams managing a predominantly multimanager investment approach in New Zealand. FundSource does not have preferred model, by individual or by committee. FundSource focuses on determining the veracity and efficacy of process and the Manager's ability to implement the model and processes.</p>

<p>What objective is the Manager trying to achieve?</p>	<p>The Fund aims to provide stable returns over the short to medium term. The Fund invests primarily in income assets but is required to have an allocation to growth assets of between 15% and 25%. Volatility is expected to be higher than the Cash Fund, but lower than the Conservative Fund.</p>	<p>Richeboeuf is the Portfolio Manager responsible for the overall management of the Fund having joined the team in 2010.</p> <p>There are no standardised benchmarks used by diversified funds. As such the Manager uses a benchmark that is derived from the long term strategic asset allocation for the Fund. FundSource highlights that using the Managers target weighted asset allocation as the Fund's benchmark is considered standard practice for diversified fund managers. With this in mind, the Fund will be biased to income assets, which is expected to lower volatility compared to more growth oriented asset allocations. Further details can be found at the <a href="#">Westpac KiwiSaver page</a>.</p> <p>The Funds' performance benchmark objective is a composite benchmark. This is derived from a series of sector based reference indices that are weighted in accordance with the benchmark asset allocation for the Fund. FundSource highlights the Manager does not provide specific guidance on the degree of performance or outperformance investors can expect.</p>
<p>What does the Manager invest your money into?</p>	<p>The fund invests across a wide range of asset classes comprising NZ money market securities (NZ Cash), NZ and global fixed interest, NZ and Global listed property, NZ and Global Equities. The fund gains exposure to the asset classes by investing in other wholesale funds (that are managed by BTNZ). Securities are directly held within the relevant wholesale trusts. BTNZ will utilise investments in third party collective investment vehicles only when it is not feasible or possible to hold the assets directly (predominantly within the Alternative Investments asset class only). BTNZ employs a multi-manager investment approach, delegating security selection to specialist third party investment managers. Managers are located both in NZ and offshore for all asset classes excluding NZ bonds and NZ cash where both strategies are managed internally by the team.</p>	<p>The Fund is suitable for investors looking for an actively managed, benchmark aware fund, that implements its strategy via a multimanager portfolio. This leverages the Manager's external manager selection process, which will see periodic changes in the underlying managers and funds. FundSource expects underlying manager turnover to be low, with underlying manager decisions being based around the medium to long term that is three to five years or more. Notably over the course of the last year the Manager has reviewed the international fixed interest sector, making changes. This is also the case with the Alternative sector, which previously leveraged the manufacturing capabilities of affiliate BT Financial Group in Australia. BTNZ also made some material changes within the international equities sector, reviewing and amending the market benchmark and making some changes to the underlying managers. The reviews and changes made over the last year are viewed as being standard practice for a multimanager diversified fund.</p> <p>Notably not all underlying funds used in the Westpac Active Investment Series funds are used in the Westpac KiwiSaver Funds. This is the case for the domestic New Zealand bond and Australasian equity sectors. All other sectors currently use the same underlying managers across the Westpac Actives Investment Series and Westpac KiwiSaver Funds. FundSource believes the Manager's transparency, courtesy of using mandates, and publishing the Fund's holdings on the <a href="#">Disclose website</a>, to be a positive. The underlying securities are predominantly long only positions. The Manager can use</p>

		derivatives to assist in hedging market risks.
What are the inherent risks imbedded in the Fund?	Primary inherent risks are: i) asset allocation risk - primarily embedded in the strategic asset allocation settings of the fund, ii). market risk, iii) investment manager risk - embedded in the active decisions undertaken by our underlying managers, iv) credit risk, v) derivatives risk, vi) liquidity risk, vii) concentration risk	<p>The Manager believes that a key driver of performance is the asset allocation, as such the Manager develops views around a range of factors to assist in mitigating the risks identified, which are detailed on the Westpac KiwiSaver Scheme – Other Material information available on the <a href="#">Disclose website</a>.</p> <p>The Manager believes that active investment management provides a better opportunity to outperform over the long term. Manager selection is a methodical process which is in a continual cycle of review. This is in part managed through the regular Investment Strategy Group and Manager Monitoring Group. These groups meet weekly and monthly respectively and are considered central to ensuring underlying managers and funds continue to contribute to the Fund, as expected.</p> <p>The BT Investment Committee (BTIC) is a key part in managing risk across all portfolios. The BTIC provides oversight of policies, procedures, and risk monitoring. It also provides approval for underlying manager decisions, approvals or termination. Importantly the Manager is not opportunistic, investing for the medium to long term. FundSource views structured decision making positively, however notes that this can be slow to respond to sudden changes in market dynamics.</p> <p>The Manager's currency hedging decision is dynamic for international equities. The hedging level changes in response to movements in the relative strength of the NZD against the relevant currency. Hedging levels for all other asset classes with foreign currency exposure are generally fixed at 100%. FundSource observes the process employed is in line with industry standard practice.</p>
Why do they believe the future prices of the Fund's investments will vary?	The fund is valued on a daily basis. As the assets of the fund are invested across financial markets and a range of financial instruments, returns will vary and cannot be guaranteed.	<p>With asset allocation and manager selection being key drivers of performance, decisions around these two factors will influence the outcomes and investor experience. The underlying managers and funds are critical to driving performance, combined with the asset allocation mix, are the biggest drivers of the Fund's performance.</p> <p>Investors should consider the Fund as having a minimum investment horizon of at least three years, due to the level of exposure to income and growth assets. Over shorter periods there is potential for change in the Funds value, based on market movements.</p>
Why does the Manager believe you should give them your money rather than to someone else or to an inexpensive index fund?	BTNZ's investment philosophy is based on the broad principles of diversification and active management, backed by a research driven approach focused on identifying and managing risk as well as sourcing value	The Manager is following a procedure that is not uncommon for large wealth management firms to follow, a strategic asset allocation, complimented with dynamic or tactical asset allocation and the

	<p>added opportunities. BTNZ believes markets are somewhat inefficient and portfolios can be positioned in a manner to take advantage of opportunities that occur, which is why their philosophy is to apply an active approach to asset allocation and investment selection.</p>	<p>fund (multi manager in this case) selection. The custodians of the process, the people, and are key to ensuring the processes, policies, and monitoring are implemented with a view to generating investment return for scheme members.</p> <p>Of the 38 funds in the FE Analytics NZ KiwiSaver Diversified Defensive sector, 3 others are labelled Default funds.</p> <p>With an inception date of July 2012, the Fund has performed in line with the three other FE Analytics NZ KiwiSaver Diversified Defensive sector Default labelled funds, for all time periods, as at the date of this report. FundSource highlights the Manager has been able to generate consistent risk adjusted performance slightly above the FE Analytics peer average for one and three year time periods. The Funds' performance is available on the <a href="#">Westpac KiwiSaver website</a>. Further performance information is available at <a href="#">Disclose</a> and <a href="#">FundSource</a> websites.</p>
<p>How does the Manager decide to buy or sell investments?</p>	<p>The investment process is centred around the utilisation of insightful, high-conviction strategies and the maintenance of high levels of underlying transparency, liquidity and risk management. The intent of the process is to deliver sustainable funds with repeatable long-term returns. While day to day security selection decision making is delegated to third party specialist investment managers (excluding that of NZ Bonds and NZ Cash), the primary focus of the investment team is on top down asset allocation (both strategic and tactical), third party manager selection and blending, and portfolio construction. The investment team formally meet weekly to discuss investment strategy, performance and risk. Asset allocation investment decisions are discussed and decided at this meeting. BTNZ implements a tactical asset allocation process which aims to take advantage of investment opportunities and manage risks in the short to medium term, typically 1 to 3 year views - investment opportunities may occur within a particular asset class where an asset class sub sector is preferred over another. Asset class views are derived from an assessment of economic and financial conditions, sentiment, valuation, and supply/ demand imbalances.</p> <p>The investment team meets also meets monthly for the purpose of drilling down into underlying sub manager performance. Recommended changes to managers, downgrades to views or any other change to sector positioning will be discussed at this meeting.</p> <p>Key external relationships also include Willis Towers Watson, BTNZ's retained asset consultant who provide advice on</p>	<p>As can be seen the Manager has clearly identified the processes around the decision making process, which includes buying and selling investments. The Managers process is methodical and structured and is applied to the strategic and dynamic asset allocation decisions, manager selection and currency hedging decisions. The implementation of investment ideas and the buy and sell decisions are well considered and must meet rigid requirements. Risks in the decision making process are front and centre of how the Fund is constructed. Importantly, recommendations for material changes are presented through the BT Investment Committee, and notified through to the BTNZ Board.</p> <p>The Manager's underlying funds are implemented via mandates, providing greater transparency and oversight of the Fund as a whole. This also means the Fund owns the underlying securities and when making a change can transition the portfolio from one manager to the other in an orderly manner.</p> <p>The use of a third party to assist in filtering global managers is typical for a multi manager Fund, particularly where the funds being managed are significant. Westpac KiwiSaver is one of the larger KiwiSaver schemes in New Zealand. Willis Towers Watson have an advisory role, and do not implement or vote on any decisions from the BT Investment Committee.</p>

	<p>manager selection, and FactSet Systems, a provider of investment and risk analytics.</p>																					
<p>Has the CIO/ PM personally invested in the Fund? If so, paying the same fees as other investors?</p>	<p>Investment personnel all invest into BTNZ's investment offerings through KiwiSaver and the Westpac Staff Superannuation Scheme (for which BTNZ is the investment implementation manager). Same fee applies.</p>	<p>FundSource believes that managers 'eating their own pudding' should be an aspect a potential investor considers when deciding to invest in any financial product.</p> <p>Investing in a fund, alongside investors, aligns the interests of investment personnel with those of the investors. When investment personnel are significantly invested in a fund they are managing, and at the same fees, FundSource view this as a strong alignment.</p> <p>Given the risk profile of this Fund, FundSource highlights it may not align to an investment teams risk profile, however, each Westpac KiwiSaver Fund invests in the same pool of underlying investments, at differing allocations. Therefore, the investment teams KiwiSaver accounts are aligned to all KiwiSaver members, regardless of risk profile.</p> <p>FundSource believes that KiwiSaver contributions being invested is a lighter form of alignment with investors, however, notes that a number of NZ investors may only have their KiwiSaver money invested in managed funds. The investment team pay the same fees as investors, FundSource view this positively, in terms of investor alignment.</p>																				
<p>How much latitude does the Manager have to deviate from the weightings of the Benchmark portfolio?</p>	<p>BTNZ has does not have ability to deviate from its asset allocation range of 15% - 25% into growth assets without prior approval from the relevant Minister of the Crown. The intention of their TAA process is to reduce downside volatility and achieve returns that exceed the target benchmark while maintaining a positive risk-adjusted return ratio.</p> <table> <tr> <td>Cash Allocation:</td> <td>20% - 45%</td> </tr> <tr> <td>NZ Fixed Interest:</td> <td>15% - 30%</td> </tr> <tr> <td>International Fixed Interest:</td> <td>15% - 30%</td> </tr> <tr> <td>Australasian Equity:</td> <td>5% - 11%</td> </tr> <tr> <td>International Equity:</td> <td>6% - 12%</td> </tr> <tr> <td>Listed Property:</td> <td>0% - 6%</td> </tr> <tr> <td>Single Security Limit:</td> <td>n/a</td> </tr> <tr> <td>Defensive Assets:</td> <td>75% - 85%</td> </tr> <tr> <td>Growth Assets:</td> <td>15% - 25%</td> </tr> <tr> <td>Currency Hedge:</td> <td>40%-100%</td> </tr> </table> <p>(Asset class dependent)</p>	Cash Allocation:	20% - 45%	NZ Fixed Interest:	15% - 30%	International Fixed Interest:	15% - 30%	Australasian Equity:	5% - 11%	International Equity:	6% - 12%	Listed Property:	0% - 6%	Single Security Limit:	n/a	Defensive Assets:	75% - 85%	Growth Assets:	15% - 25%	Currency Hedge:	40%-100%	<p>The Fund incorporates a benchmark asset allocation, from which the manager has a broad range available for each asset class. This enables the Manager to implement the Tactical Asset Allocation (TAA) risk management strategy. While the ranges are broad, FundSource does not expect significant month on month changes. FundSource expects asset allocation changes to be methodical and measured over time. This is in line with the Fund's objective to generate medium level returns over the sort to medium term.</p> <p>FundSource views the process and the Fund's governance frameworks to be in line with the practices of Australasian and global diversified fund managers. The use of an investment advisers, Willis Towers Watson adds additional rigor to overall process and manager selection.</p> <p>Rebalancing of the asset allocation is governed by a policy, which allows the Manager to rebalance once a threshold has been met, which is typically <math>\pm 1\%</math> from benchmark or tactical asset allocation decision. Tactical asset allocation decisions are based on the short term, typically a year or less.</p> <p>FundSource notes this is the Westpac default fund, which means that if an employer has not chosen a KiwiSaver</p>
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		<p>scheme, and you are not already a member of a KiwiSaver scheme, Inland Revenue may allocate you to a default KiwiSaver Scheme provider. If Westpac is the Inland Revenue's selected provider, you will automatically be invested in the Westpac Default Fund.</p>
<p>On what basis does the Manager believe the fees they charge are justified?</p>	<p>The management fees charged on the funds represent excellent value to investors and reflects both the benefit of scale and the customer first approach taken by BTNZ.</p>	<p>The Funds basic management fee is significantly lower than the average basic management fee charged by peer funds in the FE Analytics NZ KiwiSaver Diversified Defensive Sector. FundSource highlights the Fund's fee is in line with index based diversified funds available in New Zealand, which is surprising for an active multi manager Fund. The Westpac KiwiSaver Scheme charges an annual \$27 fee per member, in addition to any management fees.</p>
<p>How would you describe the quality of your organisational and investment governance processes?</p>	<p>BTNZ believes it's organisational and investment governance processes are high quality. Being part of one of Australasia's largest listed financial services companies that has operated in funds management for a considerable time means processes and policies are very well developed. Governance encompasses day to day monitoring of trading activities through to oversight at the highest level within Westpac NZ.</p>	<p>BTNZ's governance practices are in line with its institutional peers. This means investment committee voting members are employees of Westpac or BTNZ, with the exception of one independent committee member. FundSource views incorporating independence on an investment committee positively, as it can assist in preventing internal 'group thinking' dominating the manager selection, risk management and portfolio selection process. FundSource believes the oversight and governance frameworks implemented by institutional funds management operations in New Zealand to be on a par with global leaders in diversified and multi manager investing. This should provide investors with confidence that the Manager reacts cautiously, and is very cognisant of the risks sitting in the portfolio.</p> <p>FundSource notes that all external service providers are large, well-resourced and reputable firms. Regular annual reviews are considered to be the minimum period for external provider reviews to be completed. Pleasingly BTNZ conduct formal and informal reviews more frequently than annually.</p>
<p>Is there alignment of interests through; ownership of the Manager, and remuneration of the investment team?</p>	<p>All members of the Investment Solutions team are paid a base salary, which is augmented by a bonus paid annually. Base salaries for BTNZ investment staff are in line with market rates. The bonus structure is designed to reward individuals for their own individual performance as well as the performance of the group. The variable reward is calculated on a balanced scorecard approach incorporating quantitative and qualitative components, with quantitative metrics based on performance outcomes realised for investors in BTNZ products over rolling periods. All members of the investment team have financial interests in the products they manage ensuring alignment of interest.</p>	<p>FundSource observes that to preserve capital and generate a long-term positive return for investors the Manager must remain operational. The ownership and total FUM of the Westpac KiwiSaver Scheme mitigates the Manager, or this Fund, from being at risk.</p> <p>Remuneration structures are as expected for an institutional fund manager, predominantly base salary with a variable component.</p> <p>The Manager, through its ownership, ultimately works for the benefit of shareholders. Despite this, FundSource believes that the investment team and Investment Committee are focused on delivering positive investor experiences.</p>



## Conclusion and Rating

This Fund provides an investor with exposure to a diversified basket of investments, heavily biased to income asset classes. The Manager believes the Fund's asset allocation is the primary driver of returns, with the strategic asset allocation (SAA) based on the Manager's long term views. The Fund's dynamic asset allocation (DAA) takes in to consideration the Manager's short to medium views, which results in the portfolio movements, positive and negative, around the SAA. FundSource notes that DAA movements have been modest over the last four years, where the duration of volatility has been short. The Fund makes methodical and measured responses to market change.

The Managers use of a single advisory input in to the investment team, and Investment Committee, is lighter than the role advisers typically hold in diversified Funds. However, FundSource, notes the Manager has an independent investment committee member, with voting rights, who is not related to the advisory firm. FundSource expects the advisor and independent investment committee member to challenge the teams thinking, and improve robustness to assumptions used to formulate and implement asset allocation, manager selection, and currency hedging decisions.

The investment team exhibits strong industry experience, and portfolio managers have strong average manger tenure. The investment team is well resourced. FundSource notes that the Investment Committee is seen as a critical component of the investment process, combined with a well-resourced investment team, key person risk is considered to be low.

Decision making by committee can have its positive and negative aspects, in the Managers case it provides guidance and oversight, which should prevent over reaction to short term market movements, this is evident in the Funds subtle asset allocation over the past 4 years.

The Manager's basic fee is well below the sector peer average of the FE Analytics NZ KiwiSaver Diversified Defensive sector.

FundSource recommends that investors carefully consider that the Managers asset allocations significant bias to defensive assets matches with their risk profile, and meets their investment needs and objectives.

### FundSource Rating: **AA**

Fund ratings are current as at the date of publication of this report. FundSource reserve the right to review and update fund ratings from time to time.

## Research Factor Weighting

Research Process Category	Model Factor Weight	Analyst Average Score
Corporate & Investment Governance	15%	4.00 / 5
Investment Philosophy & Process	20%	3.80 / 5
People	25%	4.33 / 5
Portfolio Construction & Implementation	15%	3.50 / 5
Risk Management	15%	3.80 / 5
Investment Fees	10%	3.86 / 5

Overall Average Score: **3.92 / 5**

## FundSource Rating Guide

The qualitative rating of a fund is a function of the FundSource Research Factor Weighting process, which is built around the six core qualitative research process categories. The weighted scores result in an overall score, out of five, which is then matched to the following rating:



### AAA: Highly Recommended

Funds that have superior average scores in all six underlying qualitative factors. This recognises aspects about the Manager and Fund in question that includes, but is not limited to, significantly experienced and stable senior personnel, a sound track record over a full market cycle, a clearly defined investment philosophy and process, and a portfolio consistent with that philosophy and process. The management company will also have established effective controls to maintain that philosophy.

### AA: Recommended

Funds that have strong average scores in all six underlying qualitative factors. This recognises aspects about the Manager and Fund in question that includes, but is not limited to, experienced and stable personnel, a sound track record over a full market cycle, a clearly defined investment philosophy and process, and a portfolio consistent with that philosophy and process. The management philosophy must be coherent and consistent with existing portfolios and processes.

### A: Investment Grade

Funds that have good average scores in all six underlying qualitative factors. This recognises aspects about the Manager and Fund in question that includes, but is not limited to, experienced personnel, a sound track record a defined investment philosophy and process, and a portfolio consistent with that philosophy and process.

### FW: Fund Watch

There has been a material change with either the manager, this may include, but is not limited to, departures, new hires, process changes, changes to the investment philosophy. This is considered to be an interim measure, to enable further investigation, re-evaluation and an appropriate course of action to be determined.

### S: Sell

This category covers previously recommended funds that are no longer recommended because of some material change. Removal from recommended status might be for a variety of reasons such as a fundamental change in the fund management company or in the manager's investment strategy, or because a fund did not meet its original expectations. The implications for ongoing service are that the fund should be reviewed on an individual client basis to ensure it still matches their original investment objective.

### NR: Not Rated – Screened/ Not Rated

Funds in the Not Rated – Screened category have provided information and/or FundSource has conducted an initial analysis of the fund, but has chosen not to provide a recommendation at this stage. FOR Not Rated funds the manager may have provided information, but no review meeting has been conducted

## Disclaimers, Disclosures and Warnings

**FundSource Limited notes that the information in this report must be read in conjunction with the warning and disclaimer below. This report supersedes all prior reports.**

**Warning:** Past performance is not a reliable indicator of future performance. Any information, opinions, views or recommendations in this report are for general information purposes only. To the extent that any such information, opinions, views and recommendations may constitute advice, they do not take into account any person's particular financial situation or goals and therefore do not constitute personalised financial advice under the Financial Advisers Act 2008, nor do they constitute advice of a legal, tax, accounting or other nature to any person. This report should not be relied upon as a substitute for advice from your authorised financial adviser.

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NZX provides high quality information, data and tools to support business decision making. NZX builds and operates capital, risk and commodity markets, and the infrastructure required to support them.

NZX owns a suite of securities and agricultural information businesses; managed fund research house FundSource; exchange traded funds provider Smartshares; and managed funds provider SuperLife.



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FundSource's qualitative research is conducted by independent research company, Research IP Pty Ltd. Research IP was founded in 2015 as a special purpose financial services vehicle, licensing or contracting the services of specialist advisers and analysts. The rationale behind contracting, as opposed to employing staff, is to provide flexibility, and allow Research IP to leverage the skills of specialists on an as required basis, to best meet the brief and scope of the work required to be completed. Research IP is able to leverage executive, corporate, funds management, compliance, administration, operational, quantitative analytics, qualitative research, data collection, interpretation and analysis, and database technology specialists, to deliver client focused solutions.

By leveraging the skills of specialists, Research IP is able to provide innovative and tailored financial services solutions to the market place. Client focused outcomes are underpinned by the belief that the role of business model innovation and accelerating technological change opens up new possibilities, to put client interests at the centre of the financial services industry focus, based on John Hagel's work on the possibilities for "Disruption by Trusted Advisors" and John Kay's "Other People's Money: Masters of the Universe or Servants of the People".



**FundSource Limited** Telephone: +64 4 495 5058  
Level 1, NZX Centre Facsimile: +64 4 496 2893  
11 Cable Street Email: [fundsource+enquires@fundsource.co.nz](mailto:fundsource+enquires@fundsource.co.nz)  
PO Box 2959  
DX: SP23501  
Wellington, New Zealand



**NZX Limited** Telephone: +64 4 472 7599  
Level 1, NZX Centre Facsimile: +64 4 496 2893  
11 Cable Street Email: [info@nzx.com](mailto:info@nzx.com)  
PO Box 2959  
DX: SP23501  
Wellington, New Zealand