Manulife Investment Management

[The Manulife Investment Management logo appears on the screen]

We've got a long track record of managing fixed income through volatile markets. In a nutshell, our strength is our people and our process. We believe our Portfolio Managers are experts in their areas of focus and have a long tenure when it comes to managing money for our clients. The Portfolio Managers are supported by our analyst team, our trading desk, our cash management team, our risk professionals, and all of the operations personnel ... we can't manage the funds without all of them. It literally takes a village as they say. And ultimately the Portfolio Managers are implementing a process that has withstood the test of time. We can spend an hour discussing our process, but it boils down to 3 words: Valuation, Volatility, and Flexibility.

- 1. We are laser focused on Valuations when valuations don't make sense, we sell exposure;
- 2. We thrive on Volatility market downturns create opportunities for us, and we don't let a crisis go to waste
- 3. And lastly, we manage the fund to have the Flexibility to take advantage of opportunities... Liquidity is always top of mind for us.

[The following disclaimer appears on the screen]: Commissions, trailing commissions, management fees and expenses all may be associated with mutual fund investments. Please read the prospectus before investing. Mutual funds are not guaranteed, their

values change frequently, and past performance may not be repeated.

Manulife Alternative Mutual Funds have the ability to invest in asset classes or use investment strategies that are not permitted for conventional mutual funds. The specific strategies that differentiate these alternative mutual funds from conventional mutual funds may include the increased use of derivatives for hedging and non-hedging purposes, the increased ability to sell securities short and the ability to borrow cash to use for investment purposes. If undertaken, these strategies will be used in accordance with the Funds' objectives and strategies, and during certain market conditions, may accelerate the pace at which the Funds decrease in value.

The information provided does not take into account the suitability, investment objectives, financial situation, or particular needs of any specific person. All overviews and commentary are intended to be general in nature and for current interest. While helpful, these overviews are no substitute for professional tax, investment or legal advice. Clients and prospects should seek professional advice for their particular situation. Neither Manulife Investment Management, nor any of its affiliates or representatives (collectively

Manulife Investment Management) is providing tax, investment or legal advice.

The opinions expressed are those of the author(s) and are subject to change without notice. Our investment teams may hold different views and make different investment decisions. These opinions may not necessarily reflect the views of Manulife Investment Management. The information and/or analysis contained in this material has been compiled or arrived at from sources believed to be reliable, but Manulife Investment Management does not make any representation as to their accuracy, correctness, usefulness, or completeness and does not accept liability for any loss arising from the use of the information and/or analysis contained. The information in this material may contain projections or other forward-looking statements regarding future events, targets, management discipline, or other expectations, and is only current as of the date indicated. The information in this document, including statements concerning financial market trends, are based on current market conditions, which will fluctuate and may be superseded by subsequent market events or for other reasons. Manulife Investment Management disclaims any responsibility to update such information.

Manulife Investment Management shall not assume any liability or responsibility for any direct or indirect loss or damage or any other consequence of any person acting or not acting in reliance on the information contained here. This material was prepared solely for informational purposes, does not constitute a recommendation, professional advice, an offer or an invitation by or on behalf of Manulife Investment Management to any person to buy or sell any security or adopt any investment approach, and is no indication of trading intent in any fund or account managed by Manulife Investment Management. No investment strategy or risk management technique can guarantee returns or eliminate risk in any market environment. Diversification or asset allocation does not guarantee a profit or protect against the risk of loss in any market. Unless otherwise specified, all data is sourced from Manulife Investment Management. Past performance does not guarantee

future results

Manulife, Manulife Investment Management, Stylized M Design, and Manulife Investment Management & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under license. 3534060

Manulife, Manulife Investment Management, the Stylized M Design, and Manulife Investment Management & Stylized M Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under license.