



The City of Toronto – Sinking Funds LDI Portfolio

June 12, 2019

BOB MOFFAT, MA

Senior Vice President, Institutional Markets

STEPHANE JEAN, FCIA, FSA, FRM, CAIA

Head of Liability Driven Investments

PETER OSBORNE, MA, CFA

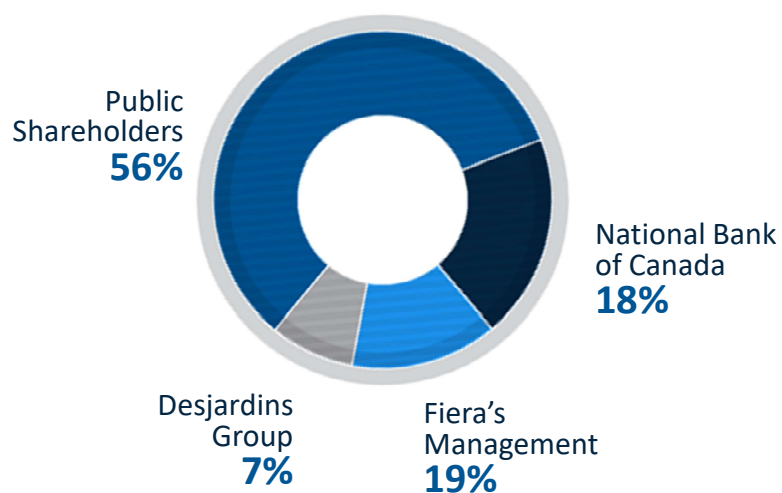
Vice President and Portfolio Manager, Integrated Fixed Income

MARTIN DIONNE, FCIA, FSA

Assistant Vice President, Liability Driven Investments

Firm Overview

OWNERSHIP



ASSETS UNDER MANAGEMENT

\$144.9B

As of March 31st, 2019

ABOUT US

Publicly-traded, independent Canadian investment management firm

Controlled and significantly owned by its principals

750+ employees including more than 200 investment professionals

Depth and expertise in traditional and alternative strategies

Headquartered in Montreal with offices across Canada, the United States, Europe and Asia

Portfolio Management Team

Liability Driven Investments (LDI) Team



\$14.9 Billion Under Management*

	 STÉPHANE JEAN FCIA, FSA, FRM, CAIA Head of LDI <i>28 years in the industry</i>	
 HUGO SARKISIAN M.Sc. Vice President and Portfolio Manager <i>16 years in the industry</i>	 CAROLINE GRANDOIT FSA, CFA, CERA Vice President <i>12 years in the industry</i>	 MARTIN DIONNE FCIA, FSA Assistant Vice President <i>14 years in the industry</i>
 STEVE GUIGNARD FSA, ACIA Lead Analyst <i>7 years in the industry</i>	 VINCENT LABELLE ASA Senior Analyst <i>2 years in the industry</i>	 KATHARINE WELLS Analyst <i>2 years in the industry</i>



INTEGRATED FIXED INCOME TEAM

Actuarial Expertise

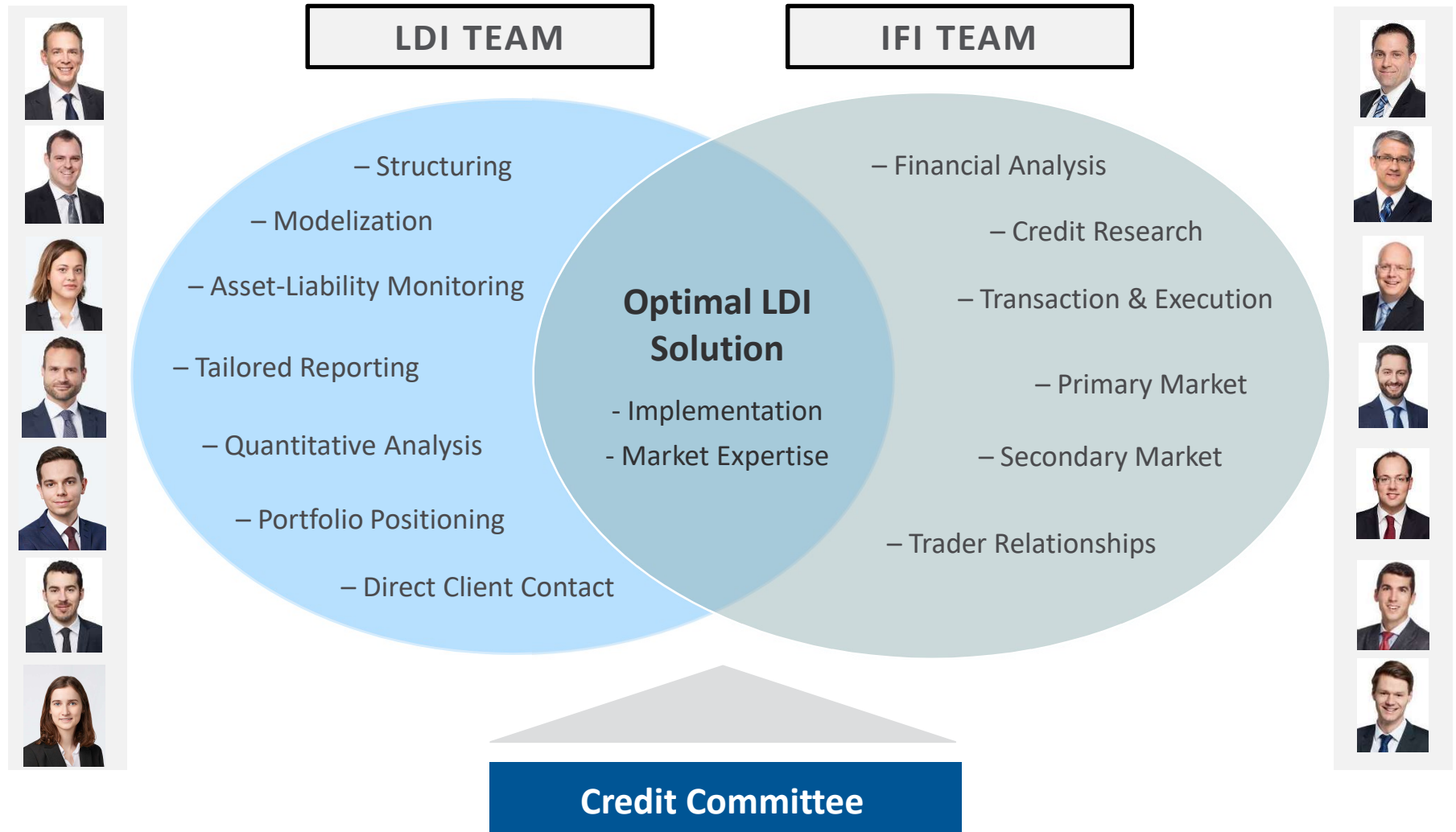
Quantitative Finance Expertise

Trading & Execution

Note : Years in the industry include years of experience at the firm as well as with previous employers
* As at March 29th, 2019

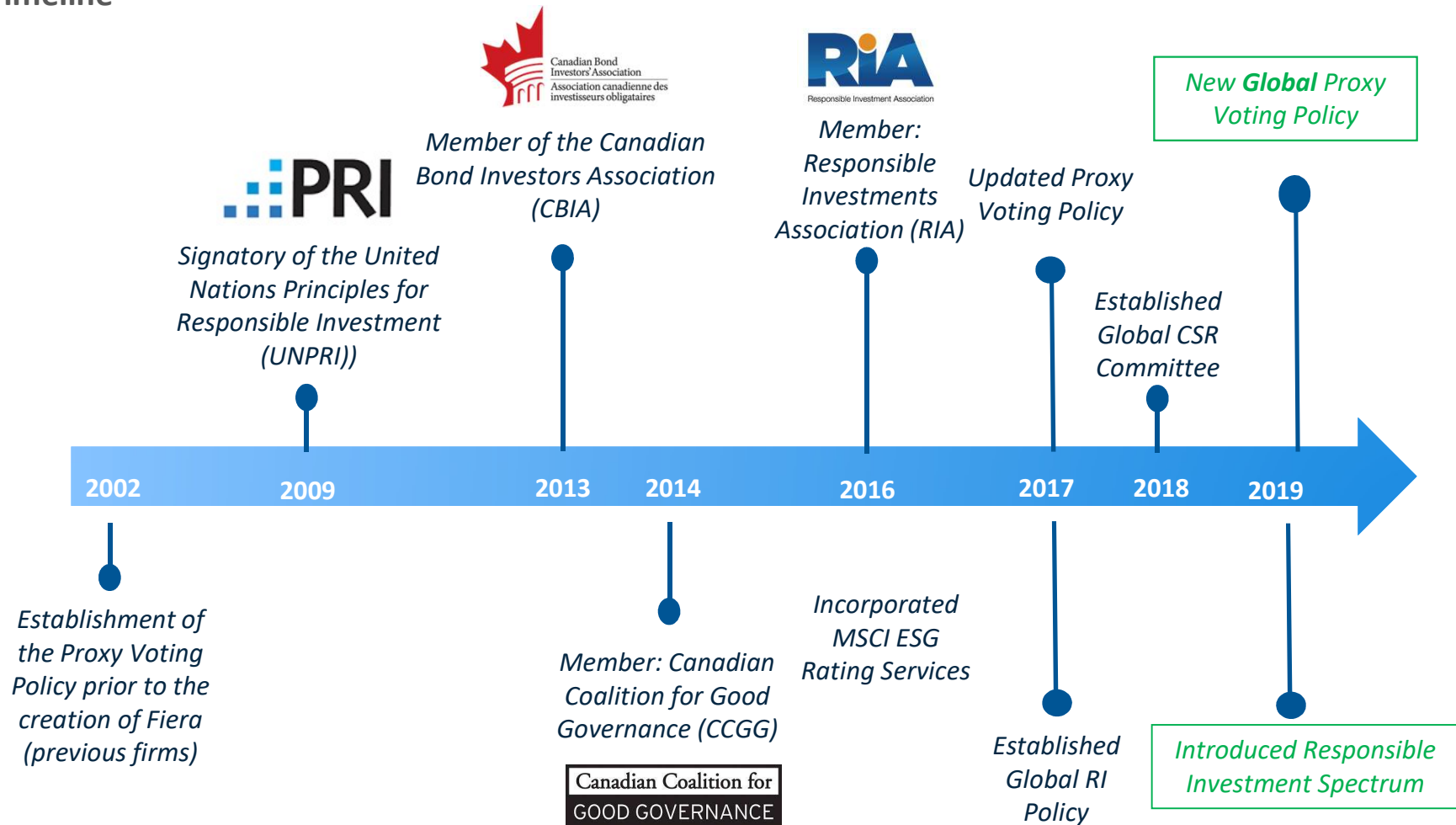
Portfolio Management Team

Collaboration Between LDI & IFI Teams



Responsible Investing History at Fiera

Timeline



Integration of ESG Factors

Approach - Fixed Income Team



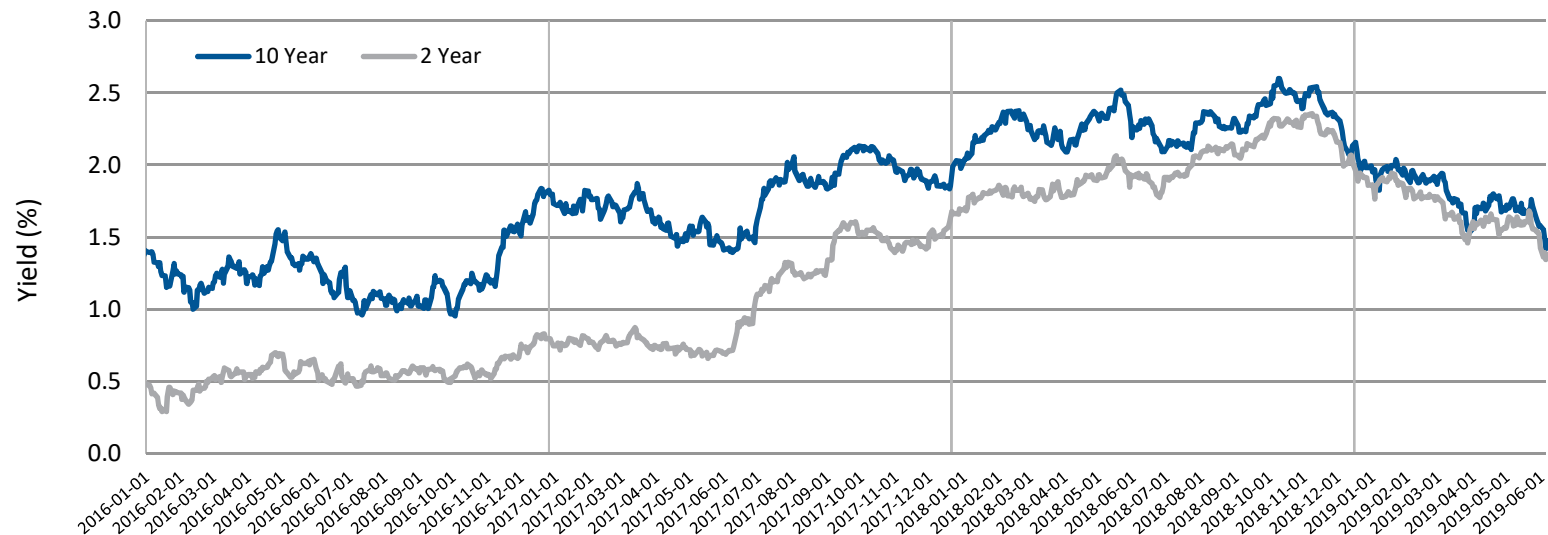
- The IFI team credit review and approval procedures incorporate an assessment of environmental, social and governance (ESG) practices of the issuers in which the team invests
- If an area of concern is identified, the team assesses the potential impact this may have on the financial performance of the issuer
- When the team believes there could be a material impact on the business or financial profile of the issuer it is factored into the assessment of the issuer's securities or the team modifies its judgement on the required returns to compensate for these additional risk factors
- Various sources of information used: company disclosures; discussions with management; news items; and third party information such as MSCI ESG Manager and Bloomberg.
- The IFI Credit Committee review process incorporates a discussion of ESG related concerns for each issuer
 - All credit approvals incorporate these discussions and identified concerns are noted in the formal credit review documentation

Bond Market Outlook

Going into the Second Half of 2019

- We have lowered our expectations for rate hikes from the BOC and the Federal Reserve and expect no further hikes from either in 2019. A resumption of tightening is contingent on improved growth prospects in the second half likely to be lead by business spending, stabilization in the housing sector and improved foreign trade.
- In our view the timely recognition by policy makers of the weaker back drop combined with still moderate inflation pressure has reduced the risk of a policy mistake coming from rate hikes. Other potential shocks are more worrisome, such as an escalation in trade frictions.

CANADA GOVERNMENT BOND YIELDS
Jan. 1, 2016 – June 7, 2019

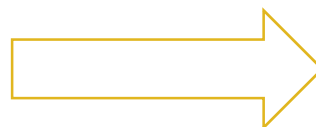


Portfolio Activity and Transition

- Assets of \$680M received on May 1, 2019

Initial Portfolio

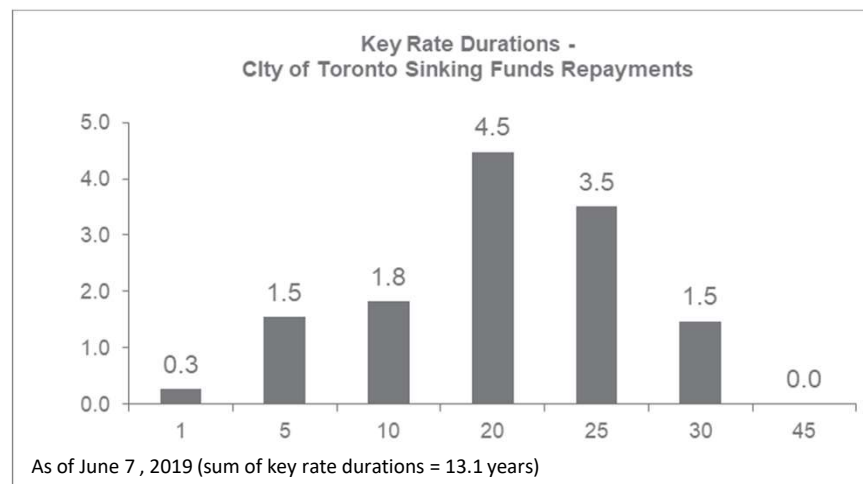
Mostly Provincial and
Municipal bonds
Duration of 5.2 years



After Transition

Blend of Provincial, Municipal,
Federal and Corporate bonds
Duration of 13 years

- Transition objectives:
 - Gradual increase in duration
 - Align portfolio with key rate durations of future repayments
 - Invest in new corporate issues on opportunity
 - Build a well diversified portfolio
 - Avoid realized losses
 - Minimize transaction costs
- Portfolio activity (as of June 7, 2019)
 - \$85M reinvested in Federal bonds (\$40M), longer-term Provincial bonds (\$23M) and Corporate bonds (\$22M)
 - Duration of the portfolio stands at 9.1 years



- Transition will be completed by the end of June 2019



fieracapital.com

Montreal

FIERA CAPITAL CORPORATION
1501 McGill College Avenue
Suite 800
Montreal, Quebec H3A 3M8
T 514 954-3300 / 1 800 361-3499

Toronto

FIERA CAPITAL CORPORATION
1 Adelaide Street East
Suite 600
Toronto, Ontario M5C 2V9
T 416 364-3711 / 1 800 994-9002

Calgary

FIERA CAPITAL CORPORATION
607 8th Avenue SW
Suite 300
Calgary, Alberta T2P 0A7
T 403 699-9000

Vancouver

FIERA CAPITAL CORPORATION
1040 West Georgia Street
Suite 520
Vancouver, British Columbia V6E 4H1
T 604 688-7234 / 1 877 737-4433

New York

FIERA CAPITAL INC.
375 Park Avenue
8th Floor
New York, New York 10152
T 212 300-1600

Boston

FIERA CAPITAL INC.
60 State Street
22nd Floor
Boston, Massachusetts 02109
T 857 264-4900

Dayton

FIERA CAPITAL INC.
10050 Innovation Drive
Suite 120
Dayton, OH 45342
T 937 847-9100

Los Angeles

BEL AIR INVESTMENT ADVISORS
1999 Avenue of the Stars
Suite 3200
Los Angeles, California 90067
T 310 229-1500

London

FIERA CAPITAL (UK) LTD
39 St James's Street
London, SW1A 1JD
United Kingdom
T +44 20 7518 2100