

**1832 ASSET MANAGEMENT L.P., 1832 ASSET MANAGEMENT U.S. Inc., SCOTIA CAPITAL INC.,  
SCOTIA SECURITIES INC., TANGERINE INVESTMENT FUNDS LIMITED, JARISLOWSKY, FRASER  
LIMITED, MD FINANCIAL MANAGEMENT INC. And MD MANAGEMENT LIMITED  
(collectively, the “BNS Registered Firms”)**

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**“RELATED ISSUERS”**

*The following list sets out issuers that are or may be considered to be “related issuers” of the BNS Registered Firms for purposes of applicable Canadian securities laws (in particular, National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations). The below list may not be exhaustive or up to date and may change from time to time. For more detail, please contact your dealer or adviser representative.*

The Bank of Nova Scotia  
CrediScotia Financiera S.A.  
Profuturo AFP S.A.  
Scotia Investments Jamaica Limited  
Scotia Group Jamaica Limited  
Scotiabank Capital Trust  
Scotiabank Inverlat Casa de Bolsa, S.A. de C.V.  
Scotiabank Inverlat, S.A.  
Scotiabank Peru S.A.A.  
Scotiabank Chile  
Scotiabank Trinidad and Tobago Limited

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**“CONNECTED ISSUERS”**

*The following list sets out issuers that are or may be considered to be “connected issuers” of the BNS Registered Firms for purposes of applicable Canadian securities laws (in particular, National Instrument 31-103). The below list may not be exhaustive or completely up to date and may change from time to time. For more detail, please contact your dealer or adviser representative.*

**1832 ASSET MANAGEMENT L.P.**

**DYNAMIC FUNDS**

**Dynamic Core Funds**

Dynamic Asia Pacific Equity Fund  
Dynamic Blue Chip Balanced Fund  
Dynamic Blue Chip Equity Fund  
Dynamic European Equity Fund  
Dynamic Global Balanced Fund  
Dynamic Global Equity Fund  
Dynamic International Equity Fund

**Dynamic Equity Income Funds**

Dynamic Dividend Fund  
Dynamic Equity Income Fund  
Dynamic Global Equity Income Fund  
Dynamic Global Strategic Yield Fund  
Dynamic Small Business Fund  
Dynamic Retirement Income Fund  
Dynamic Strategic Yield Fund

Dynamic U.S. Equity Income Fund  
Dynamic U.S. Strategic Yield Fund

*Dynamic Fixed Income Funds*

Dynamic Advantage Bond Fund  
Dynamic Canadian Bond Fund  
Dynamic Corporate Bond Strategies Fund  
Dynamic Credit Spectrum Fund  
Dynamic Global Fixed Income Fund  
Dynamic High Yield Bond Fund  
Dynamic Ultra Short Term Bond Fund  
Dynamic Money Market Fund  
Dynamic Short Term Bond Fund  
Dynamic Total Return Bond Fund

*Dynamic Power Funds*

Dynamic Power American Growth Fund  
Dynamic Power Balanced Fund  
Dynamic Power Canadian Growth Fund  
Dynamic Power Global Growth Fund  
Dynamic Power Small Cap Fund

*Dynamic Specialty Funds*

Dynamic Alternative Yield Fund  
Dynamic Diversified Inflation Focused Fund  
Dynamic Dollar-Cost Averaging Fund  
Dynamic Energy Evolution Fund  
Dynamic Energy Income Fund  
Dynamic Financial Services Fund  
Dynamic Global Infrastructure Fund  
Dynamic Global Real Estate Fund  
Dynamic Precious Metals Fund  
Dynamic Premium Yield Fund  
Dynamic Sustainable Credit Fund  
Dynamic Sustainable Equity Fund

*Dynamic Value Funds*

Dynamic American Fund  
Dynamic Canadian Dividend Fund  
Dynamic Dividend Advantage Fund  
Dynamic Global Asset Allocation Fund  
Dynamic Global Discovery Fund  
Dynamic Global Dividend Fund  
Dynamic International Discovery Fund  
Dynamic Value Balanced Fund  
Dynamic Value Fund of Canada

*DynamicEdge Trust Portfolios*

DynamicEdge Balanced Growth Portfolio  
DynamicEdge Balanced Income Portfolio  
DynamicEdge Balanced Portfolio  
DynamicEdge Defensive Portfolio  
DynamicEdge Equity Portfolio  
DynamicEdge Growth Portfolio

*Corporate Class Equity Income Funds*

Dynamic Dividend Income Class  
Dynamic Strategic Yield Class

Corporate Class Fixed Income Funds

Dynamic Advantage Bond Class  
Dynamic Corporate Bond Strategies Class  
Dynamic Money Market Class  
Dynamic Preferred Yield Class  
Dynamic Total Return Bond Class

Corporate Class Power Funds

Dynamic Power American Growth Class  
Dynamic Power Global Balanced Class  
Dynamic Power Global Growth Class  
Dynamic U.S. Balanced Class

Corporate Class Value Funds

Dynamic American Class  
Dynamic Canadian Value Class  
Dynamic Dividend Advantage Class  
Dynamic Global Asset Allocation Class  
Dynamic Global Discovery Class  
Dynamic Global Dividend Class  
Dynamic Value Balanced Class

Corporate Class Specialty Funds

Dynamic Alternative Yield Class  
Dynamic Global Infrastructure Class  
Dynamic Premium Yield Class  
Dynamic Strategic Energy Class  
Dynamic Strategic Gold Class  
Dynamic Strategic Resource Class

DynamicEdge Corporate Class Portfolios

DynamicEdge Balanced Class Portfolio  
DynamicEdge Balanced Growth Class Portfolio  
DynamicEdge Conservative Class Portfolio  
DynamicEdge Equity Class Portfolio  
DynamicEdge Growth Class Portfolio

DYNAMIC PRIVATE INVESTMENT POOLS

Dynamic Active Core Bond Private Pool  
Dynamic Active Credit Strategies Private Pool  
Dynamic Asset Allocation Private Pool  
Dynamic Conservative Yield Private Pool  
Dynamic Global Yield Private Pool  
Dynamic International Dividend Private Pool  
Dynamic North American Dividend Private Pool  
Dynamic Premium Bond Private Pool  
Dynamic Tactical Bond Private Pool

Corporate Class Dynamic Private Investment Pools

Dynamic Premium Balanced Private Pool Class  
Dynamic Canadian Equity Private Pool Class  
Dynamic Conservative Yield Private Pool Class  
Dynamic Global Equity Private Pool Class  
Dynamic Global Yield Private Pool Class  
Dynamic Premium Bond Private Pool Class  
Dynamic U.S. Equity Private Pool Class

### Dynamic Alternative Funds

Dynamic Alpha Performance II Fund  
Dynamic Liquid Alternatives Private Pool  
Dynamic Premium Yield PLUS Fund  
Dynamic Real Estate & Infrastructure Income II Fund  
Dynamic Short Term Credit PLUS Fund  
Dynamic Credit Opportunities Fund  
Dynamic Credit Absolute Return Fund  
Dynamic Global Growth Opportunities Fund

### Dynamic ETFs

Dynamic Active Global Infrastructure ETF  
Dynamic Active International Dividend ETF  
Dynamic Active International ETF  
Dynamic Active Retirement Income ETF  
Dynamic Active Energy Evolution ETF  
Dynamic Active Enhanced Yield Covered Options ETF  
Dynamic Active Discount Bond ETF  
Dynamic Active Canadian Dividend ETF  
Dynamic Active Crossover Bond ETF  
Dynamic Active Global Dividend ETF (USD unhedged units)  
Dynamic Active Preferred Shares ETF  
Dynamic Active U.S. Dividend ETF (USD unhedged units)  
Dynamic Active Tactical Bond ETF  
Dynamic Active U.S. Mid-Cap ETF  
Dynamic Active Global Financial Services ETF  
Dynamic Active Ultra Short Term Bond ETF  
Dynamic Active Canadian Bond ETF  
Dynamic Active Global Equity Income ETF  
Dynamic Active U.S. Equity ETF (USD unhedged units)  
Dynamic Active U.S. Investment Grade Corporate Bond ETF  
Dynamic Active Global Gold ETF  
Dynamic Active Real Estate ETF  
Dynamic Active Mining Opportunities ETF  
Dynamic Active Bond ETF  
Dynamic Active Corporate Bond ETF  
Dynamic Active Global Gold ETF  
Dynamic Active Real Estate ETF  
Dynamic Active Mining Opportunities ETF  
Dynamic Active Bond ETF  
Dynamic Active Corporate Bond ETF  
Dynamic Active Innovation and Disruption ETF

### Dynamic Active ETF Portfolios

Dynamic Active Income ETF Portfolio  
Dynamic Active Conservative ETF Portfolio  
Dynamic Active Balanced ETF Portfolio  
Dynamic Active Growth ETF Portfolio

### Dynamic Hedge Funds

1832 AM Global Small Cap Fund  
1832 AM Global Value Fund  
Dynamic Alpha Performance Fund  
Dynamic Real Estate & Infrastructure Income Fund

### Dynamic Pooled Funds

1832 Equity Income Strategy  
1832 Global Value Strategy  
1832 Core Equity Strategy  
1832 Family Office Bond Fund

SCOTIAFUNDS, SCOTIA WEALTH POOLS, PINNACLE  
PORTFOLIOS

Cash Equivalent Funds  
Scotia Money Market Fund  
Scotia U.S. \$ Money Market Fund

Income Funds

1832 AM Global Credit Pool  
1832 AM Investment Grade Canadian Corporate Bond Pool  
1832 AM U.S. \$ Investment Grade U.S. Corporate Bond Pool  
Scotia Canadian Income Fund  
Scotia Global Bond Fund  
Scotia Low Carbon Canadian Fixed Income Fund  
Scotia Mortgage Income Fund  
Scotia U.S. \$ Bond Fund  
Scotia Wealth American Core-Plus Bond Pool  
Scotia Wealth Canadian Bond Pool  
Scotia Wealth Canadian Core Bond Pool  
Scotia Wealth Canadian Corporate Bond Pool  
Scotia Wealth Floating Rate Income Pool  
Scotia Wealth Global High Yield Pool  
Scotia Wealth High Yield Bond Pool  
Scotia Wealth High Yield Income Pool  
Scotia Wealth Income Pool  
Scotia Wealth Short-Mid Government Bond Pool  
Scotia Wealth Short Term Bond Pool  
Scotia Wealth Total Return Bond Pool

Balanced Funds

Scotia Canadian Balanced Fund  
Scotia Diversified Balanced Fund  
Scotia Diversified Monthly Income Fund  
Scotia Dividend Balanced Fund  
Scotia Global Balanced Fund  
Scotia Income Advantage Fund  
Scotia Low Carbon Global Balanced Fund  
Scotia U.S. \$ Balanced Fund  
Scotia Wealth Strategic Balanced Pool

Canadian and U.S. Equity Funds

1832 AM Canadian All Cap Equity Pool  
1832 AM Fundamental Canadian Equity Pool  
Scotia Canadian Dividend Fund  
Scotia Canadian Equity Fund  
Scotia Canadian Growth Fund  
Scotia Canadian Small Cap Fund  
Scotia Resource Fund  
Scotia U.S. Dividend Fund  
Scotia U.S. Equity Fund  
Scotia U.S. Opportunities Fund  
Scotia Wealth Canadian Equity Pool  
Scotia Wealth Canadian Growth Pool  
Scotia Wealth Canadian Small Cap Pool  
Scotia Wealth Canadian Value Pool  
Scotia Wealth North American Dividend Pool  
Scotia Wealth Quantitative Canadian Small Cap Equity Pool  
Scotia Wealth Real Estate Income Pool  
Scotia Wealth U.S. Dividend Pool  
Scotia Wealth U.S. Large Cap Growth Pool  
Scotia Wealth U.S. Mid Cap Value Pool  
Scotia Wealth U.S. Value Pool

#### International Equity Funds

1832 AM Emerging Markets Equity Pool  
1832 AM International Growth Equity Pool  
Scotia International Equity Fund  
Scotia Wealth Emerging Markets Pool  
Scotia Wealth Fundamental International Equity Pool  
Scotia Wealth International Core Equity Pool  
Scotia Wealth International Equity Pool  
Scotia Wealth International Small to Mid Cap Value Pool

#### Global Equity Funds

Scotia Global Dividend Fund  
Scotia Global Equity Fund  
Scotia Global Growth Fund  
Scotia Global Small Cap Fund  
Scotia Low Carbon Global Equity Fund  
Scotia Wealth Global Equity Pool  
Scotia Wealth Global Infrastructure Pool  
Scotia Wealth Global Real Estate Pool  
Scotia Wealth Quantitative Global Small Cap Equity Pool  
Scotia Wealth World Infrastructure Pool

#### Index Funds

Scotia Canadian Bond Index Fund  
Scotia Canadian Equity Index Fund  
Scotia International Equity Index Fund  
Scotia Nasdaq Index Fund  
Scotia U.S. Equity Index Fund

#### Specialty Funds

Scotia Wealth Premium Payout Pool

#### Scotia Selected® Portfolios

Scotia Selected Income Portfolio  
Scotia Selected Balanced Income Portfolio  
Scotia Selected Balanced Growth Portfolio  
Scotia Selected Growth Portfolio  
Scotia Selected Maximum Growth Portfolio

#### Scotia Partners Portfolios®

Scotia Partners Income Portfolio  
Scotia Partners Balanced Income Portfolio  
Scotia Partners Balanced Growth Portfolio  
Scotia Partners Growth Portfolio  
Scotia Partners Maximum Growth Portfolio

#### Scotia INNOVA Portfolios®

Scotia INNOVA Income Portfolio  
Scotia INNOVA Balanced Income Portfolio  
Scotia INNOVA Balanced Growth Portfolio  
Scotia INNOVA Growth Portfolio  
Scotia INNOVA Maximum Growth Portfolio

#### Scotia Essentials Portfolios™

Scotia Essentials Income Portfolio  
Scotia Essentials Balanced Portfolio  
Scotia Essentials Growth Portfolio  
Scotia Essentials Maximum Growth Portfolio

### Pinnacle Portfolios

Pinnacle Balanced Portfolio

### Scotia Corporate Class Funds

Scotia Canadian Dividend Class

Scotia Canadian Equity Blend Class

Scotia U.S. Equity Blend Class

Scotia Global Dividend Class

Scotia Partners Balanced Income Portfolio Class

Scotia Partners Balanced Growth Portfolio Class

Scotia Partners Growth Portfolio Class

Scotia Partners Maximum Growth Portfolio Class

Scotia INNOVA Income Portfolio Class

Scotia INNOVA Balanced Income Portfolio Class

Scotia INNOVA Balanced Growth Portfolio Class

Scotia INNOVA Growth Portfolio Class

Scotia INNOVA Maximum Growth Portfolio Class

### Scotia Alternative Funds

Scotia Wealth Credit Absolute Return Pool

1832 AM Tactical Asset Allocation Pool

### Scotia LP Funds

1832 AM Canadian Dividend LP

1832 AM Canadian Growth LP

1832 AM Global Completion ETF LP

1832 AM International Equity LP

1832 AM Tactical Asset Allocation ETF LP

1832 AM Global Low Volatility Equity LP

1832 AM Total Return Bond LP

1832 AM U.S. Dividend Growers LP

1832 AM U.S. Low Volatility Equity LP

### Scotia Index ETFs

Scotia Canadian Bond Index Tracker ETF

Scotia Canadian Large Cap Equity Index Tracker ETF

Scotia U.S. Equity Index Tracker ETF

Scotia International Equity Index Tracker ETF

Scotia Responsible Investing Canadian Bond Index ETF

Scotia Responsible Investing Canadian Equity Index ETF

Scotia Responsible Investing International Equity Index ETF

Scotia Responsible Investing U.S. Equity Index ETF

Scotia Emerging Markets Equity Index Tracker ETF

### Scotia Hedge Funds

Scotia Long Short Equity Fund

### Scotia Institutional Funds

Scotia Institutional Canadian Investment Grade Corporate

Bond Fund Scotia Institutional Credit Absolute Return Fund

Scotia Institutional Tactical Bond Fund

Aurion Canadian Equity Fund

Aurion Canadian Bond Fund

### Scotia Private Assets

Scotia Private Credit Pool

Scotia Private Real Estate Fund

1832 AM Institutional Private Credit Fund

Scotia Private Equity Fund

## **MARQUIS FUNDS**

### Marquis Institutional Solutions

Marquis Institutional Balanced Growth Portfolio  
Marquis Institutional Balanced Portfolio  
Marquis Institutional Bond Portfolio  
Marquis Institutional Canadian Equity Portfolio  
Marquis Institutional Equity Portfolio  
Marquis Institutional Global Equity Portfolio  
Marquis Institutional Growth Portfolio

### Marquis Portfolio Solutions

Marquis Balanced Growth Portfolio  
Marquis Balanced Income Portfolio  
Marquis Balanced Portfolio  
Marquis Equity Portfolio  
Marquis Growth Portfolio

### Marquis Corporate Class Portfolios

Marquis Balanced Class Portfolio  
Marquis Balanced Growth Class Portfolio

## **TANGERINE INVESTMENT FUNDS LIMITED**

### Core Portfolios

Tangerine Balanced Income Portfolio  
Tangerine Balanced Portfolio  
Tangerine Balanced Growth Portfolio  
Tangerine Dividend Portfolio  
Tangerine Equity Growth Portfolio

### Global ETF Portfolios

Tangerine Balanced ETF Portfolio  
Tangerine Balanced Growth ETF Portfolio  
Tangerine Equity Growth ETF Portfolio  
Tangerine Balanced Income ETF Portfolio

### Socially Responsible Global Portfolios

Tangerine Balanced Income SRI Portfolio  
Tangerine Balanced SRI Portfolio  
Tangerine Balanced Growth SRI Portfolio  
Tangerine Equity Growth SRI Portfolio

### Tangerine Investment Funds

Tangerine Money Market Fund

## **MD FINANCIAL MANAGEMENT INC.**

### MDPIM

MDPIM Canadian Bond Pool  
MDPIM Canadian Long Term Bond Pool  
MDPIM Dividend Pool  
MDPIM Strategic Yield Pool  
MDPIM Canadian Equity Pool  
MDPIM US Equity Pool  
MDPIM International Equity Pool  
MDPIM Strategic Opportunities Pool  
MDPIM Emerging Markets Equity Pool  
MDPIM S&P/TSX Capped Composite Index Pool  
MDPIM S&P 500 Index Pool  
MDPIM International Equity Index Pool  
MDPIM Global Tactical Opportunities Pool



MD

MD Precision Canadian Balanced Growth Fund  
MD Bond Fund  
MD Short-Term Bond Fund  
MD Precision Canadian Moderate Growth Fund  
MD Equity Fund  
MD Growth Investments Limited  
MD Dividend Growth Fund  
MD Money Fund  
MD American Growth Fund  
MD American Value Fund  
MD Strategic Yield Fund  
MD Strategic Opportunities Fund  
MD Fossil Fuel Free Bond Fund  
MD Fossil Fuel Free Equity Fund  
MD Precision Conservative Portfolio  
MD Precision Balanced Income Portfolio  
MD Precision Moderate Balanced Portfolio  
MD Precision Moderate Growth Portfolio  
MD Precision Balanced Growth Portfolio  
MD Precision Maximum Growth Portfolio  
MD Precision Maximum Growth Index Portfolio  
MD Precision Conservative Index Portfolio  
MD Precision Balanced Growth Index Portfolio  
MD Precision Moderate Balanced Index Portfolio

MD - Other

MD Platinum Global Private Equity Pool LP  
MD Platinum Global Private Equity Trust  
MD Platinum Global Private Credit LP  
MD Platinum Global Private Credit Trust  
MD Stable Income Fund (a segregated Group Annuity Product)  
MD Platinum Global Real Estate Pool LP  
MD Platinum Global Real Estate Trust  
MD Platinum Global Private Equity 2023 Trust

**JARISLOWSKY, FRASER LIMITED (JFL)**

JFL-MANAGED

Jarislowsky, Fraser Money Market Fund  
Jarislowsky, Fraser U.S. Money Market Fund  
Jarislowsky, Fraser Bond Fund  
Jarislowsky, Fraser Long Term Bond Fund  
Jarislowsky, Fraser Short/Mid Bond Fund  
Jarislowsky, Fraser Fixed Income Core Plus Fund  
Jarislowsky, Fraser Fossil Fuel Free Bond Fund  
Jarislowsky, Fraser Global Credit Opportunities Fund  
Jarislowsky, Fraser Canadian Equity Fund  
Jarislowsky, Fraser Fossil Fuel Free Canadian Equity Fund  
Jarislowsky, Fraser Small/Mid Cap Equity Fund  
Jarislowsky, Fraser Canadian Equity (CAP) Fund  
Jarislowsky, Fraser U.S. Equity Fund  
Jarislowsky, International Pooled Fund  
Jarislowsky, Fraser Dividend Growth Fund  
Jarislowsky, Fraser Balanced Fund  
Jarislowsky, Fraser Global Balanced Fund  
Jarislowsky, Fraser Global Equity Fund  
Jarislowsky, Fraser Global Equity All Countries Fund  
Jarislowsky, Fraser Fossil Fuel Free Global Equity Fund  
Jarislowsky, Fraser International Equity All Countries ex-U.S. Fund

Jarislowsky, Fraser Emerging Markets Equity Fund  
Jarislowsky, Fraser Fossil Fuel Free Balanced Fund  
Jarislowsky, Fraser Fossil Fuel Free Money Market Fund  
Jarislowsky, Fraser Sustainable and Impact Bond Fund  
Jarislowsky, Fraser Preferred Share Fund  
Jarislowsky, Fraser Global Small/Mid Cap Equity Fund  
JFL International Equity Fund LLC  
Manion Wilkins & Associates Short Term Investment Fund

JFL-POOLED

Jarislowsky, Fraser Partners Private Equity Fund 2021 LP  
Jarislowsky, Fraser Partners Private Equity Fund 2022 LP  
Jarislowsky, Fraser Partners Private Equity Fund 2023 LP

JFL-SUB-ADVISED

Desjardins Dividend Growth Fund  
First Trust JFL Global Equity ETF  
First Trust JFL Fixed Income Core Plus ETF  
Marquis Enhanced Canadian Equity Pool  
MD Equity Fund – Canadian Equity  
MD Equity Fund – International Equity  
MD Fossil Fuel Free Equity Fund  
MD Growth Fund  
MD Precision Canadian Balanced Growth Fund  
MDPIM Canadian Equity Pool  
MDPIM International Equity Pool  
NBI Jarislowsky Fraser Select Income Fund  
NBI Jarislowsky Fraser Select Balanced Fund  
NBI Canadian Equity Fund  
NBI North-American Dividend Private Portfolio  
NEI Canadian Equity Pool  
REEEFLEX Plan  
Scotia Emerging Markets Equity Fund  
Scotia Low Carbon Fixed Income Fund  
Scotia Low Carbon Global Balanced Fund  
Scotia Low Carbon Global Equity Fund  
Scotia Private Fundamental Canadian Equity Pool  
Scotia Sustainable Emerging Markets Equity Fund  
Scotia Sustainable Global Corporate Bond Fund  
Scotia Sustainable Global Equity Fund  
Universitas Plan  
Scotia Wealth Fundamental International Equity Pool  
Dynamic Emerging Markets Equity Fund  
Dynamic Active Emerging Markets ETF  
MD International Growth Fund

JFL - Other

Goodfellow Inc.