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Delivering on our Commitments **Today and Tomorrow**

Barclays Americas Select Franchise Conference 2017 London | May 17, 2017



CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

This document may contain forward-looking statements. Forward-looking statements include statements that are predictive in nature, depend upon or refer to future events or conditions, or include words such as "expects", "anticipates", "intends", "plans", "believes", "estimates" and other similar expressions or negative versions thereof. These statements may include, without limitation, statements about the Company's operations, business, financial condition, expected financial performance (including revenues, earnings or growth rates), ongoing business strategies or prospects, and possible future actions by the Company, including statements made with respect to the expected benefits of acquisitions and divestitures. Forward-looking statements are based on expectations, forecasts, predictions, projections and conclusions about future events that were current at the time of the statements and are inherently subject to, among other things, risks, uncertainties and assumptions about the Company, economic factors and the financial services industry generally, including the insurance and mutual fund industries. They are not guarantees of future performance, and the reader is cautioned that actual events and results could differ materially from those expressed or implied by forward-looking statements. Material factors and assumptions that were applied in formulating the forward-looking information contained herein include the assumption that the business and economic conditions affecting the Company's operations will continue substantially in their current state, including, without limitation, with respect to customer behaviour, the Company's reputation, market prices for products provided, sales levels, premium income, fee income, expense levels, mortality experience, morbidity experience, policy lapse rates, reinsurance arrangements, liquidity requirements, capital requirements, credit ratings, taxes, inflation, interest and foreign exchange rates, investment values, hedging activities, global equity and capital markets, business competition and other general economic, political and market factors in North America and internationally. Many of these assumptions are based on factors and events that are not within the control of the Company and there is no assurance that they will prove to be correct. Other important factors and assumptions that could cause actual results to differ materially from those contained in forward-looking statements include customer responses to new products, impairments of goodwill and other intangible assets, the Company's ability to execute strategic plans and changes to strategic plans, technological changes, breaches or failure of information systems and security (including cyber attacks), payments required under investment products, changes in local and international laws and regulations, changes in accounting policies and the effect of applying future accounting policy changes, unexpected judicial or regulatory proceedings, catastrophic events, continuity and availability of personnel and third party service providers, the Company's ability to complete strategic transactions and integrate acquisitions and unplanned material changes to the Company's facilities, customer and employee relations or credit arrangements. The reader is cautioned that the foregoing list of assumptions and factors is not exhaustive, and there may be other factors listed in other filings with securities regulators, including factors set out in the Company's 2016 Annual MD&A under "Risk Management and Control Practices" and "Summary of Critical Accounting Estimates", which, along with other filings, is available for review at www.sedar.com. The reader is also cautioned to consider these and other factors, uncertainties and potential events carefully and not to place undue reliance on forward-looking statements. Other than as specifically required by applicable law, the Company does not intend to update any forward-looking statements whether as a result of new information, future events or otherwise.

CAUTIONARY NOTE REGARDING NON-IFRS FINANCIAL MEASURES

This document contains some non-IFRS financial measures. Terms by which non-IFRS financial measures are identified include, but are not limited to, "operating earnings", "constant currency basis", "premiums and deposits", "sales", "assets under management", "assets under administration" and other similar expressions. Non-IFRS financial measures are used to provide management and investors with additional measures of performance to help assess results where no comparable IFRS measure exists. However, non-IFRS financial measures do not have standard meanings prescribed by IFRS and are not directly comparable to similar measures used by other companies. Please refer to the appropriate reconciliations of these non-IFRS financial measures to measures prescribed by IFRS.

Key messages

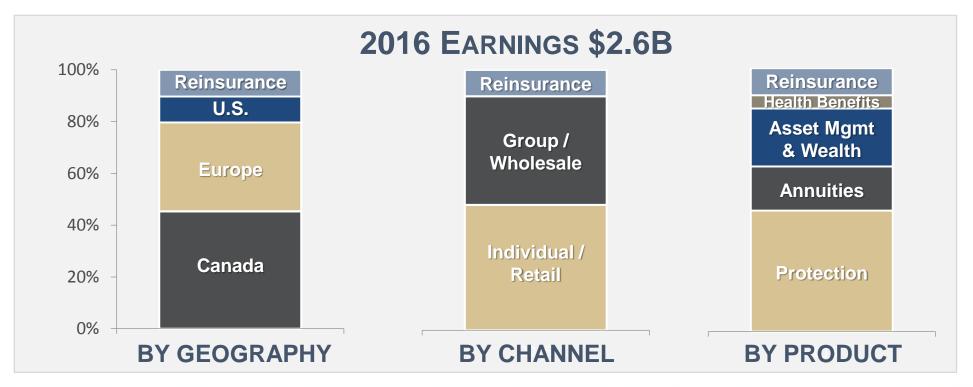


- Market leadership driven by strong business franchises and brands
- Diversified by geography, channel and product type
- Experienced and talented management team
- History of consistent execution resulting in sustained earnings growth
- Growth strategies in place; organic growth complemented by targeted acquisitions
- Strong capital base and financial flexibility
- Investments in future growth balanced with efficiency improvements

Diversified across geographies, channels and products



| EMPLOYEES | | MARKET REACH | | SCALE | | | |
|-----------|--------|--------------|-----------|-------|--|---------------|--------|
| U.S. | 7,400 | | Customers | 30M | | Benefits paid | \$28B |
| Europe | 4,500 | | | | | | |
| Canada | 12,500 | | Advisors | 240K | | AUA | \$1.2T |



Significant benefits from corporate structure

GREAT-WEST INC.

(As of March 31, 2017)



Investment Planning Counsel[®] FINANCIAL SOLUTIONS FOR LIFE

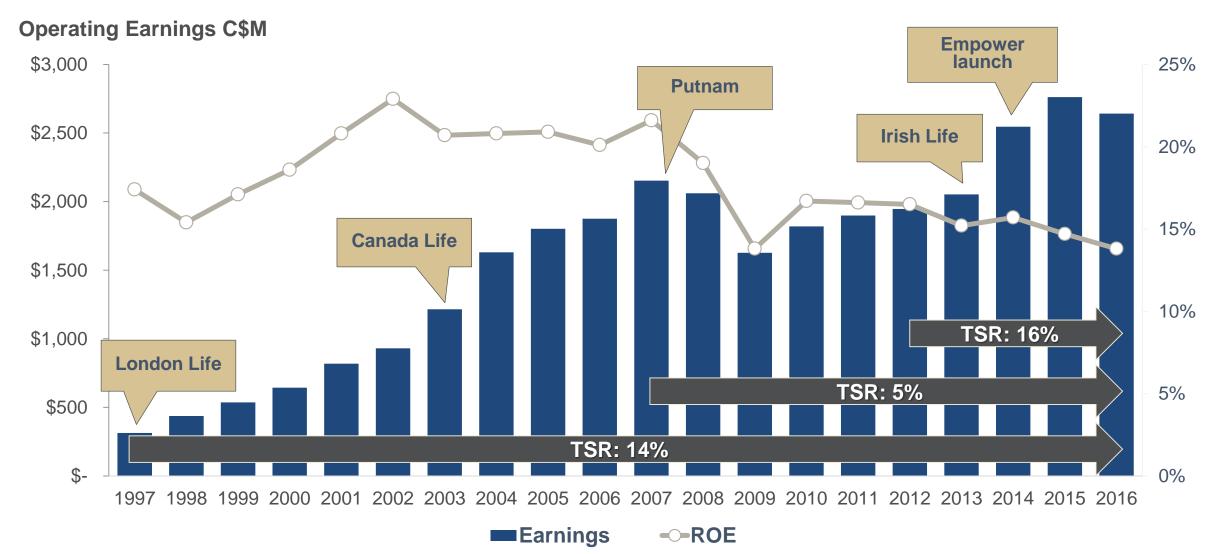
Power Financial Corporation relationship

- Distribution access to IGM platforms
- Shared services with IGM

Board composition delivers strong governance and oversight

61.5%

A history of delivering strong shareholder returns



Note: TSR denotes Total Shareholder Return

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0.22

1998

0.19

1997

0.15

1996

Consistent earnings and dividend growth

2.55 2.41 2.30 1.92 2.00 2.05 2.11 2.02 2.10 1.83 1.72 1.50 1.27 1.11 1.23 1.23 1.23 1.23 1.23 1.23 0.86 1.20 0.72 1.06 0.49 0.93 0.81 0.41 0.69 0.56 0.47 0.39 0.33

2004 2005

2008

2009

2010 2011

2006 2007

0.27

1999

Dividends per share

-O-Earnings per share (operating)

Note: Earnings per share and dividends per share are in C\$ and adjusted for historical stock splits

2000

2001

2002

2003



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2.77

1.30

2012 2013 2014 2015 2016

2.67

1.38

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Returning value to shareholders¹

| | 1996 | 2016 | CAGR |
|-----------------------------|--------|---------|------|
| Earnings per share | \$0.41 | \$2.67 | 10% |
| Dividends per share | \$0.15 | \$1.38 | 12% |
| Share price | \$5.31 | \$35.17 | 10% |
| \$100 Invested ² | \$100 | \$1,328 | 14% |

Consistent shareholder returns over many years

- 1. Data adjusted for historical share splits
- 2. Return calculation includes reinvested cash dividends for the period Dec. 31, 1996 Dec. 31, 2016

Key company metrics¹



| 2016 Operating Earnings | \$2.6 | Holding Company Cash | \$1.1 |
|--|---------------|---|-------|
| 2016 Sales | \$130 | 2016 Financial Leverage | 28% |
| Assets Under Management | \$659 | Financial Strength Ratings ³ | |
| Assets Under Management | φ 0 59 | S&P | AA |
| Assets Under Administration | \$1,248 | Moody's | Aa3 |
| Book Value per Share ² | \$19.76 | Regulatory Capital Ratios | |
| • | | MCCSR | 240% |
| Market Capitalization | \$35 | RBC | 458% |

1. As of December 31, 2016, in C\$billions unless otherwise indicated

2. Book Value per Common Share

3. Financial strength ratings for The Great-West Life Assurance Company

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13.8%

2016

\$19.76

2016

15.7%

\$16.80

2014

2014

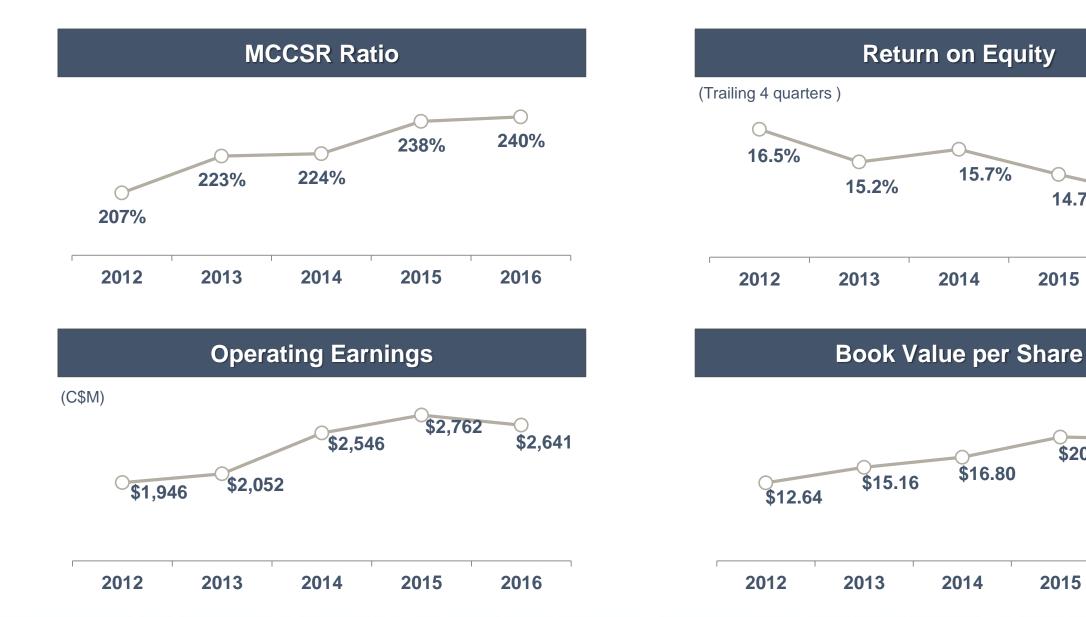
14.7%

\$20.07

2015

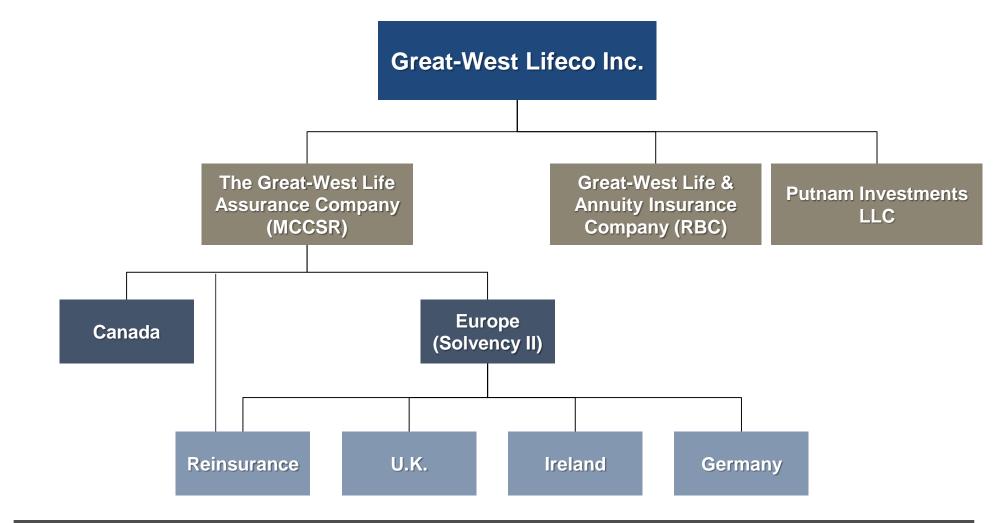
2015

Stable trends



Efficient capital structure

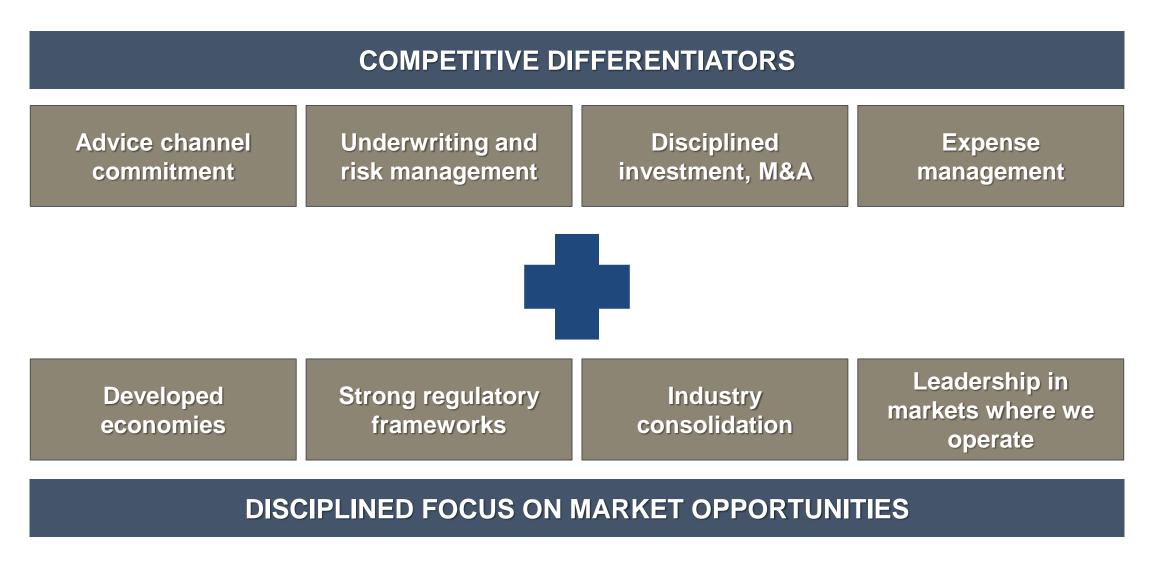




Capital raised primarily at Great-West Lifeco and invested in subsidiaries

A differentiated business model driving stable, sustained growth





Growth strategy



| Manage and extend the core | Strengthen positions in targeted regions: Canada, U.S. and Europe, each with market specific strategies Maintain balanced portfolio: Insurance, Asset Management and Retirement Leverage strong brands, diverse products and substantial customer base to cross-sell and grow businesses |
|-------------------------------------|--|
| Innovate to accelerate growth | Build innovative technology solutions to enable advisors and anticipate our customers' needs |
| | Leverage analytics to penetrate and expand customer base |
| | Elevate customer experience with omni-channel marketing and digital differentiation |

Maintain disciplined capital deployment

- Deploy strong M&A capabilities to complement organic growth strategy
- Consistently grow our dividend commensurate with earnings growth and capital needs

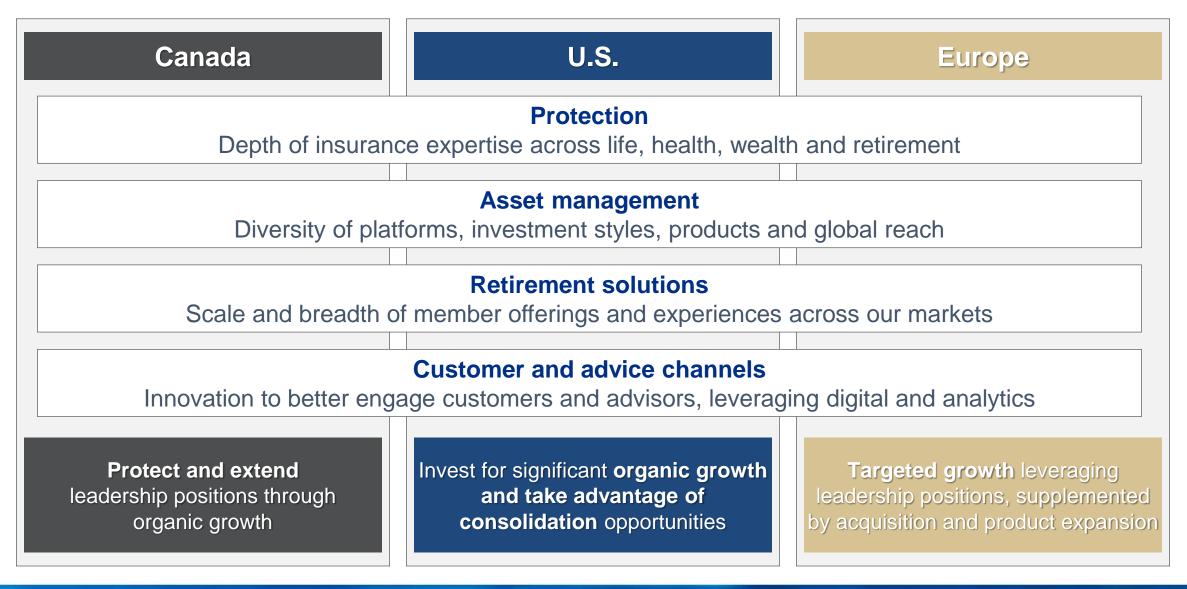
Culture and focus are shifting



| | FROM | ΤΟ |
|----------------------------|--|---|
| | Acquisition, synergy harvesting and expense containment | Customer acquisition and retention through service excellence and differentiation |
| Productivity focus | | Competitive unit costs, continuous improvement and strategic investment |
| Technology | Invest in support of business processes and efficiencies | Invest in digital connections, data analytics and process excellence |
| Organizational orientation | | Collaboration across regions and business lines; outward customer / market focus |

Leveraging global strengths and capabilities to drive growth





Protection: delivering on promises for over 30 million customer relationships



CanadaU.S.Et\$9.8B in benefits paid to clients\$1.0B in benefits paid to clients\$3.9B in benefits to the state over 4K families\$2.4B life insurance benefits to 44K families\$790M life insurance benefits to over 4K families\$1.1B life insurance benefits to over 12K families

- Over 56M claims for more than \$4.6B in health and dental benefits
- \$1.7B disability benefits
- \$800M annuity payments
- In addition, \$1.2B participating policy owner dividends

- \$39M disability benefits
- \$178M annuity payments

Europe

\$3.9B in benefits paid to clients

- \$1.1B life insurance benefits to over 12K families
- \$250M health benefits
- \$260M disability benefits
- \$160M critical illness benefits
- \$2.1B annuity payments



Asset management: diverse platforms managing \$650B+



Note: In Canadian dollars, at December 31, 2016

\$50B of total sub-contracted to external managers. Canada Life Investments also includes funds managed by Isle of Man.

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Asset management: distribution and collaboration across countries and brands





- Actively promoting product offerings across platforms
- Recent developments:
 - Irish Life Investment Managers (ILIM) sold through Empower Retirement
 - Setanta through GLC
 - PanAgora through Canada Life Investments
 - Putnam through ILIM

Putnam: focused on reaching scale in a challenging environment

| Putnam investment | Strong investment track record |
|-------------------|---|
| and distribution | Substantial flows into alternatives |
| capabilities are | PanAgora, a highly rated institutional platform |
| strong | Industry-leading distribution capabilities |

| However, the | Strong AUM and revenue growth at Putnam stalled with the market in 2015 |
|--------------------------|---|
| market environment is | Active management in net outflows across industry |
| difficult | New active products competing with low-cost beta on risk-adjusted returns |

| Achieving scale | Continue to position Putnam with high-quality and relevant products |
|-------------------|---|
| remains our | Continue to build distribution with platforms, RIAs and DC Investment Only |
| primary objective | Achieving scale through acquisition is a priority |
| | |

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Retirement: a global growth priority



- Leveraging group asset management capabilities to drive AUM growth
- Improving asset rollover retention as participants transition out of plans

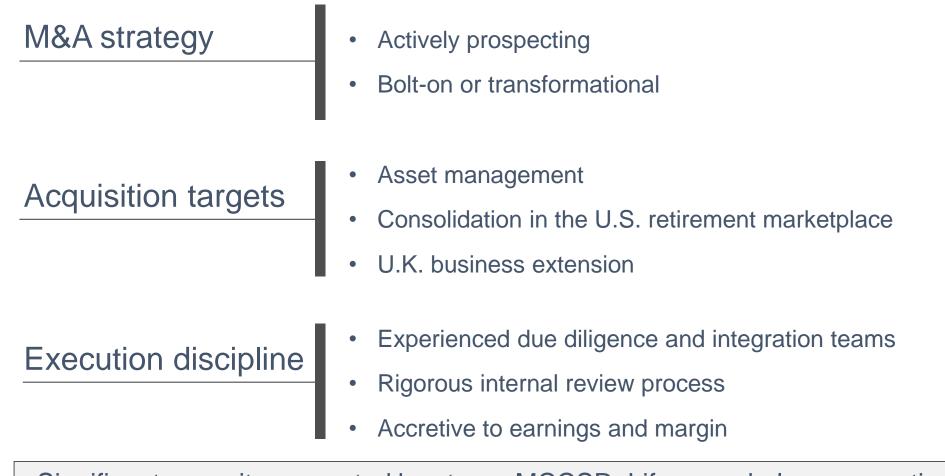
Digitally connecting to customers and advisors

| | Can | ada | U.S. | | Europe | | |
|---|-----------------------|-------|--------|---------|--------|---------|---------|
| Key digital strategies | Individual advised | Group | Putnam | Empower | U.K. | Ireland | Germany |
| Digitally connect to advisors and customers | | | | | | | |
| Cross-sell to group insurance customers | | | | | | | |
| Target marketing using customer / advisor analytics | | | | | | | |
| Use social media to drive advisor productivity | | | | | | | |

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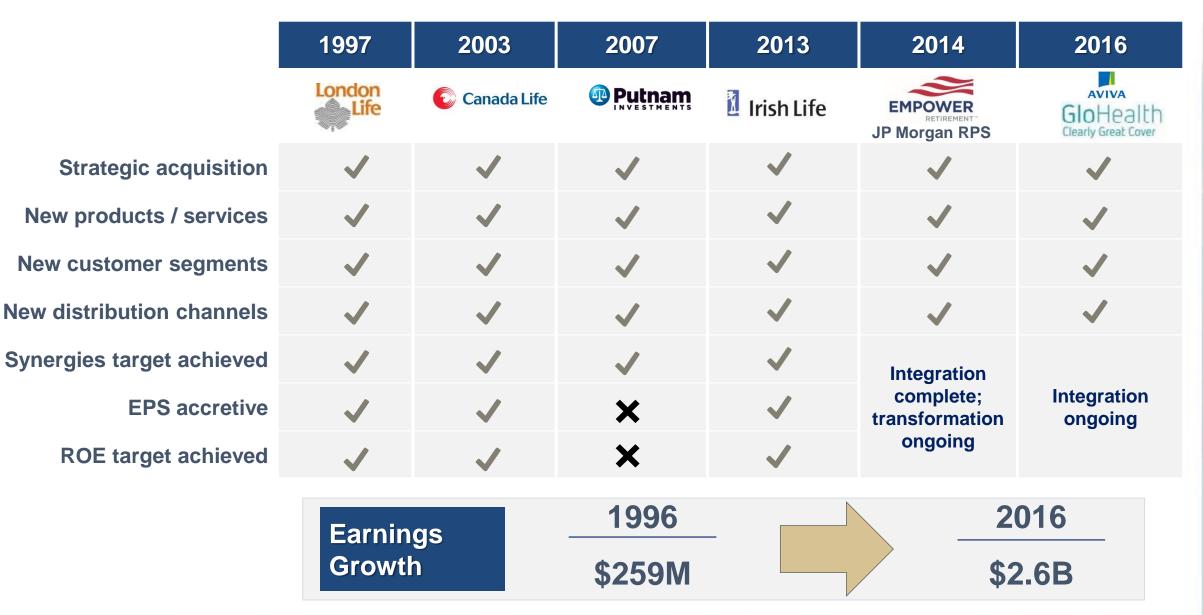
M&A: a core competency and key element of our growth strategy





Significant capacity supported by strong MCCSR, Lifeco cash, leverage ratio in the mid-20s, receptive equity and debt markets

M&A scorecard: strong track record of value creation



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Well positioned for future growth



| Strong performance | Stability of businesses Conservative approach Sustained earnings growth | Deep management team | In-depth experience and industry knowledge M&A skill set |
|-----------------------|---|----------------------------|---|
| Well- | Market leadership | | Strong capital position |

| Well- | Market leadership | | Strong capital position |
|------------|----------------------------------|-----------|-------------------------|
| positioned | Multi-diversification | Financial | Strong MCCSR |
| portfolio | Significant growth opportunities | strength | Low leverage |

Opportunities for growth



| Potential for acquisitions in the U.S. | Grow scale in asset management to leverage investments Actively participate in consolidation of retirement market |
|--|---|
| Broaden European product offering | Assess opportunities for broader participation in the U.K. market Leverage current evolution in retirement income space |
| Target new market segments in Canada | Technology and analytics to better meet customer needs Digital investments to enable advisors and reach under-served markets |
| Further leverage current Lifeco capabilities across markets | Asset management (e.g., ILIM wins mandate through GWF) Retirement income (e.g., Empower in Ireland) |

Capital deployment priorities

- Maintain strong and stable capital structure and financial flexibility
- Reinvest in Lifeco growth strategy
 - Organic growth
 - Strategic acquisitions
- Returning value to shareholders
 - Progressive dividend growth
 - Opportunistic share repurchases









Canada overview

| Scale AUA Net Earnings | \$175B \$1.2B | Relationships Customers Advisors | s 13M+ 25K+ | |
|----------------------------------|--------------------------|--|-------------------|--|
| | Indivi | dual Customer | | Group Customer |
| Illnes | | irance, Living Benefit ity Insurance) and Inc | | Group Life and Health, Group Wealth and Group Creditor products |
| • #1 sh premi | | ual Life Insurance sa | les | #3 share in Group Insurance revenue premium#1 share in Group Creditor products |
| • #2 sh premi | • | Benefits Insurance s | ales | #2 in Group cash flow sales and #1 in Group IO sales |
| | are in Individ assets | ual segregated fund | sales and | Group branded Great-West Life; distributed via exclusive agents, independent brokers and group benefit consultants |
| | ging Genera | ve agents, independe I Agents (MGAs) and | | Creditor branded Canada Life; distributed via reta banks |
| e: AUM as of Dec. 31, 2016; figu | ures in C\$ | | | |

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Europe & Reinsurance overview

| ScaleAUA\$232BEmployees4.6K | | | |
|---|--|--|---|
| U.K. | Ireland | Germany | Reinsurance |
| #1 Group Risk provider Strong position in retail payout annuities Leading life insurance single premium investment provider Growing presence in the broader retirement income market | Pension, investment savings, protection products and health insurance #1 in Retail and Corporate Irish Life Investment Managers (ILIM) is the #1 institutional manager with €63B AUM 3rd largest Health insurance business through its Irish Life Health brand | Pension (including lifetime GMWB) and individual protection products Leading position for unit linked products sold through brokers | Traditional and Structured Life, Payout Annuity and Property Catastrophe A diversified portfolio written to 3rd party insurance companies, predominantly in the U.S. and Europe |

U.K. overview



| £40B AUA 3.4M Customers 1,100 Employees | | | | |
|--|--|---|---|--|
| Group Risk | Payout Annuity | Wealth Management | | |
| Life Insurance, Disability Income and Critical Illness benefits | Payout annuities sold to provide guaranteed lifetime retirement income | Investment Retirement products | Accumulation products | |
| Award winning #1 Group provider | Top 3 provider in the open market | Near or in retirement pension & drawdown proposition. | Leading provider of investment contracts for estate planning | |
| Market share 23% Premium 24% Lives | Market stablised at £4.3B. Expected to grow in line with overall Retirement market. | Growth market with projected asset flows of £35B+ by 2023 | Full range of mutual funds drawing on broader asset management capabilities | |
| • 31% Plans | | | | |
| Legislative changes driving growth in penetration | Payout annuity market recovery post legislative changes | Legislative changes and demographics driving opportunities | Maintain and build out niche capabilities | |

Great-West Financial: well-positioned in retirement markets



| GREAT-WEST | Empower | Individual Markets | Great-West Investments |
|--------------|---|--|--|
| Business | Retirement | Life & annuity | Asset management |
| Scale | 2nd largest record-keeper*; over 8M participants | A leading provider of executive benefits and single premium life insurance, distributed via non-traditional channels | \$93B in Great-West Financial AUM or Managed Accounts |
| Offering | Defined Contribution record- keeping and administration Individual retirement accounts | Life insurance, annuities, and executive benefits (BOLI/COLI) | Internally managed and sub-advised Mutual Funds, General Account, Trusts, and Managed Accounts |
| Distribution | Brokers/advisors and RIAs 3rd party administrators Consultants Direct | Banks, independent broker dealers and RIAs Affinity groups (ADA) Direct | Distributed through Empower and Individual Markets |

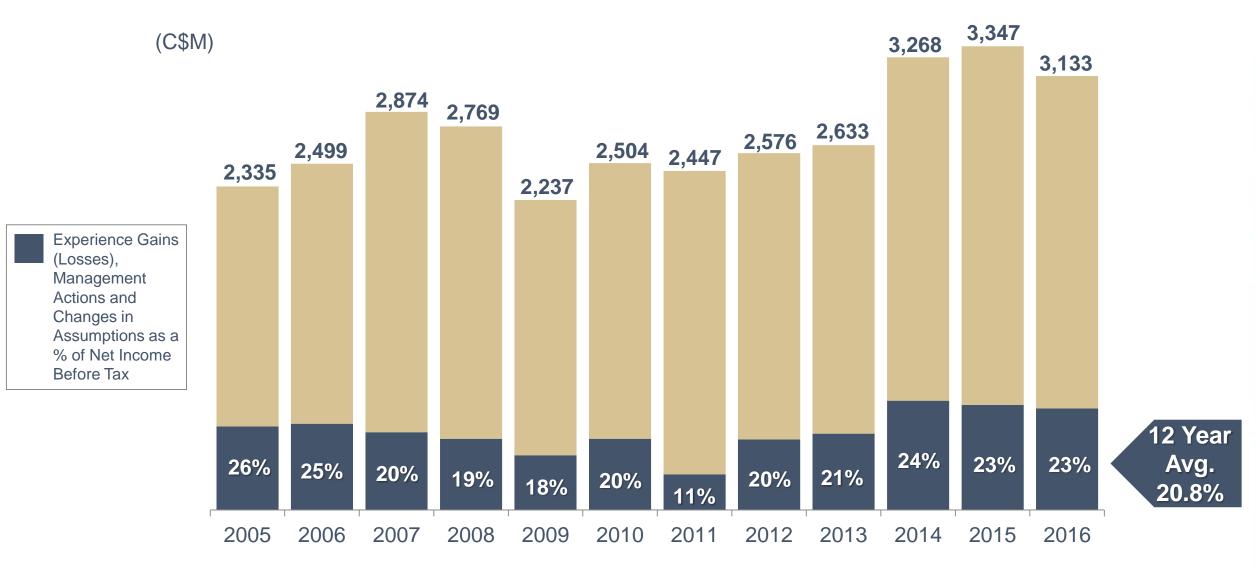
Note: AUM as of Dec. 31, 2016; figures in USD * Based on 2015 rankings; 2016 rankings will be available in May 2017

Putnam: globally diversified asset manager with \$152B AUM

| | Putnam | Putnam | PanAgora |
|-------------------|--|--|--|
| Business | Mutual Funds | Institutional | Institutional |
| Scale Offering | \$72B AUM 158K advisors 80+ mutual funds Fundamental approach on research and proactive view on risk | \$37B AUM 70+ clients worldwide 50 institutional strategies Traditional and alternative investments | \$43B AUM 150+ clients worldwide Quantitative investment capabilities across global regions, risk levels and asset classes |
| Distribution | Brokerage firms and registered investment advisors (RIAs) Constant Innovation to adapt – Client, Segmentation, & Technology | Consultants Corporations, government, sovereign wealth DC investment only | Many of the Top 500 plans; largest Institutional AUM pools globally Consultants Corporations, government, sovereign wealth |

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Consistent positive experience gains contribute to earnings



Note: Experience gains (losses), management actions, and changes in assumptions exclude Putnam for 2008-2012; include Putnam for 2013-2016

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