

# **CIBC Fixed Income Investor Presentation** Q3-2021

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CIBC

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These statements include, but are not limited to, statements made in the "Financial performance overview - Economic outlook", "Financial performance overview - Significant events", "Financial performance overview -Financial results review", "Financial performance overview - Review of quarterly financial information", "Financial condition - Capital management", "Management of risk - Risk overview", "Management of risk - Top and emerging risks", "Management of risk - Credit risk", "Management of risk - Market risk", "Management of risk - Liquidity risk", "Accounting and control matters -Critical accounting policies and estimates", "Accounting and control matters - Accounting developments", and "Accounting and control matters - Other regulatory developments" sections of this report and other statements about our operations, business lines, financial condition, risk management, priorities, targets, ongoing objectives, strategies, the regulatory environment in which we operate and outlook for calendar year 2021 and subsequent periods. 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A variety of factors, many of which are beyond our control, affect our operations, performance and results, and could cause actual results to differ materially from the expectations expressed in any of our forward-looking statements. These factors include: the occurrence, continuance or intensification of public health emergencies, such as the COVID-19 pandemic, and any related government policies and actions; credit, market, liquidity, strategic, insurance, operational, reputation, conduct and legal, regulatory and environmental risk; currency value and interest rate fluctuations, including as a result of market and oil price volatility; the effectiveness and adequacy of our risk management and valuation models and processes; legislative or regulatory developments in the jurisdictions where we operate, including the Organisation for Economic Co-operation and Development Common Reporting Standard, and regulatory reforms in the United Kingdom and Europe, the Basel Committee on Banking Supervision's global standards for capital and liquidity reform, and those relating to bank recapitalization legislation and the payments system in Canada; amendments to, and interpretations of, risk-based capital guidelines and reporting instructions, and interest rate and liquidity regulatory guidance; the resolution of legal and regulatory proceedings and related matters; the effect of changes to accounting standards, rules and interpretations; changes in our estimates of reserves and allowances; changes in tax laws; changes to our credit ratings; political conditions and developments, including changes relating to economic or trade matters; the possible effect on our business of international conflicts and terrorism; natural disasters, disruptions to public infrastructure and other catastrophic events; reliance on third parties to provide components of our business infrastructure; potential disruptions to our information technology systems and services; increasing cyber security risks which may include theft or disclosure of assets, unauthorized access to sensitive information, or operational disruption; social media risk; losses incurred as a result of internal or external fraud; anti-money laundering; the accuracy and completeness of information provided to us concerning clients and counterparties; the failure of third parties to comply with their obligations to us and our affiliates or associates; intensifying competition from established competitors and new entrants in the financial services industry including through internet and mobile banking; technological change; global capital market activity; changes in monetary and economic policy; general business and economic conditions worldwide, as well as in Canada, the U.S. and other countries where we have operations, including increasing Canadian household debt levels and global credit risks; our success in developing and introducing new products and services, expanding existing distribution channels, developing new distribution channels and realizing increased revenue from these channels; changes in client spending and saving habits; our ability to attract and retain key employees and executives; our ability to successfully execute our strategies and complete and integrate acquisitions and joint ventures; the risk that expected benefits of an acquisition, merger or divestiture will not be realized within the expected time frame or at all; and our ability to anticipate and manage the risks associated with these factors. 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## **Debt Programmes Summary**



Canada	<ul> <li>Outperformed most G7 economies as measured by long term GDP growth rate during 2000-2020<sup>1</sup></li> <li>Strong diversified stable economy</li> <li>Aaa/AAA/AA+/AAA (Moody's/S&amp;P/Fitch/DBRS)</li> <li>The World Economic Forum ranked Canada's soundness of banks first in the world from 2008 to 2016, second in the world in 2017 to 2018 and sixth in the world in 2019<sup>2</sup></li> </ul>
CIBC	<ul> <li>Well capitalized top 5 Canadian Bank with CET1, Tier 1 and total capital ratios of 12.3%, 13.7% and 16.0% respectively, as of July 31, 2021<sup>3</sup></li> <li>Deposit/Counterparty/Legacy Senior<sup>4</sup> Aa2/A+/AA-/AA (Moody's/S&amp;P/Fitch/DBRS)</li> <li>Senior<sup>5</sup> A2/BBB+/AA-/AA (low) (Moody's/S&amp;P/Fitch/DBRS)</li> </ul>
Secured	<ul> <li>CAD 60 billion Legislative Covered Bond Programme (Luxembourg)</li> <li>AAA-rated (or equivalent) from minimum two rating agencies</li> <li>Collateral consisting of Canadian residential mortgage loans with original LTV capped at 80%</li> <li>CAD 8 billion Credit Card ABS Programme (CARDS II Trust)</li> <li>Issuance in CAD and USD (Reg S/144A)</li> <li>AAA(sf)-rated (or equivalent) from at least two rating agencies (Senior Notes)</li> </ul>
Senior	<ul> <li>International Debt Programmes</li> <li>USD 20 billion Euro Medium Term Note (EMTN) Programme (Luxembourg)</li> <li>USD 10 billion (SEC) Base Shelf (New York)</li> <li>USD 7.5 billion Structured Note Programme</li> <li>USD 2 billion Medium Term Note (MTN) Programme</li> <li>AUD 5 billion Medium Term Note Programme</li> </ul>
	<ul> <li>Domestic Debt Programmes</li> <li>Senior Notes, prospectus exempt</li> <li>CAD 10 billion Canadian Base Shelf (regulatory capital instruments)</li> <li>5 billion Principal at Risk (PaR) Structured Note Programme</li> </ul>

1. Source: International Monetary Fund, April 2021 2. Source: World Economic Forum, The Global Competitiveness Report 2019 3. CIBC capital requirements are determined in accordance with guidelines issued by the Office of the Superintendent of Financial Institutions (OSFI), which are based upon the risk-based capital standards developed by the Basel Committee on Banking Supervision (BCBS). OSFI requires all institutions to achieve target capital ratios that meet or exceed the 2021 all-in minimum ratios plus a conservation buffer. Please see CIBC Q3, 2021 supplementary financial information for additional details. 4. DBRS LT Issuer Rating; Moody's LT Deposit and Counterparty Risk Assessment Rating; S&P's Issuer Credit Rating; Fitch LT Issuer Default and Derivative Counterparty Rating. Includes: (a) Senior debt issued prior to September 23, 2018; and (b) Senior debt issued on or after September 23, 2018 which is excluded from the bank recapitalization "bail-in" regime.



# Canadian Economy & Consumer Profile



## Canada

 GDP broken down by province/territory continues to demonstrate that Canada's economy is well diversified

## Canada's GDP by Province / Territory<sup>1</sup> (%)



1 Percentages may not add up to 100% due to rounding



Canada: Key Facts		
Population <sup>2</sup>	38.1 MM	
GDP (market prices) <sup>3</sup>	CAD 2,414 BN	
GDP per capita <sup>3</sup>	CAD 63,454	
Labour Force <sup>4</sup>	20.4 MM	
Provinces/Territories	10/3	
Legal System	Based on English common law, excluding Quebec which is based on civil law	
2020 Transparency International CPI	11 <sup>th</sup>	
2020 Forbes annual Best Countries Survey	Ranked No. 6	
Economist Intelligence Unit (2019-2023)	Best business environment: ranked 1 <sup>st</sup> among G7; 9 <sup>th</sup> - globally <sup>5</sup>	
Canada Sovereign Credit Ratings (M/S&P/F/DBRS)	<ul> <li>Moody's Aaa</li> <li>S&amp;P AAA</li> <li>Fitch AA+</li> <li>DBRS AAA</li> </ul>	

1 Statistics Canada annual data (2019) 2 Statistics Canada (Q2 2021) 3 Statistics Canada (Q1 2021, annualized) 4 Seasonally adjusted. Statistics Canada (July 2021) 5 Economist Intelligence Unit (2019-2023)

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## **Canadian Economy Selected Indicators**



Source: Statistics Canada; U.S. Bureau of Labor Statistics, July 2021

#### GDP Indexed to 2007



- Canada's unemployment rate less volatile in the past decade, and not directly comparable to the United States unemployment rate<sup>1</sup>
- As measured by GDP indexed to 2007, the Canadian economy has outperformed most other major economies since the financial crisis of 2008
- Canadian savings rate consistently positive in the past decade



Source: Bloomberg (Index) - CANLNETJ, CANLEMPL, UKLFEMCH, UKLFEMPF, USEMNCHG, NFP T, CANLXEMR, UKEUILOR, USURTOT, UMRTEMU, CANLPRTR, UKLFMGWG and PRUSTOT

<sup>1</sup> Certain groups of people in Canada are counted as unemployed, but are deemed as not participating in the labour force in the U.S. – e.g. job seekers who only looked at job ads, or individuals not able to work due to family responsibilities.

# Canada GDP and Exports

- Well diversified economy, with several key industries including finance, manufacturing, services and real estate
- Following the 2007-2008 global recession, the diversity had been a stabilizing factor and led to strong economic performance relative to other industrialized nations

## Monthly GDP (May 2021)

Exports: Top 25 Industries (2020)



#### Source: Statistics Canada





# **CIBC Overview**







## LEADING CANADIAN FINANCIAL INSTITUTION WITH GROWING U.S. BUSINESS

Note: All amounts are in Canadian dollars unless otherwise indicated. <sup>1</sup>All financial results are non-GAAP measures. See the non-GAAP section of CIBC's Q3/21 Report to Shareholders <sup>2</sup> As of 7/31/2021. <sup>3</sup> Rolling 5-year compound annual growth rate on Pre-Provision Pre-Tax Earnings (PPPT) as of Q3/21. <sup>4</sup> J.D. Power Ranking Canadian Retail Banking Satisfaction Survey for Q3 2021. <sup>5</sup> Excludes Corporate & Other. <sup>6</sup> Long-term senior debt ratings. <sup>7</sup> Subject to conversion under the bank recapitalization "bail-in" regime.

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## **Overview of Our Strategic Business Units**



Canadian Personal & Business Banking	Canadian Commercial Banking & Wealth Management	U.S. Commercial Banking & Wealth Management	Capital Markets
<ul> <li>Providing clients across Canada with financial advice, products and services through advice centres, mobile, online and remote channels</li> <li>Helping our clients achieve their ambitions each and every day</li> </ul>	<ul> <li>High-touch, relationship-oriented commercial banking and wealth management, and asset management</li> <li>Building and enhancing client relationships and generating long-term consistent growth</li> </ul>	<ul> <li>High-touch, relationship-oriented commercial, personal and small business banking, and wealth management services</li> <li>Developing deep, profitable relationships leveraging full complement of products and services</li> </ul>	<ul> <li>Integrated global markets products and services, investment banking, corporate banking solutions and top- ranked research. Includes Direct Financial Services to deliver digitally enabled capabilities.</li> <li>Delivering best-in-class insight, advice and execution</li> </ul>
	DIVERSE C		
Personal Banking • Mass Market Consumers • Small Businesses • Entrepreneurs	Middle-Market Companies • Entrepreneurs • High-Net-Worth Individuals and Families • Institutional Investors	Middle-Market Companies • Entrepreneurs • High-Net-Worth Individuals and Families • Executives	Corporate • Government • Institutional Investors
			465 571 400 400 400 400 400 400 400 400 400 40



## Sustainable Returns to Shareholders

- CIBC has a strong track record of shareholder returns
- CIBC has not missed a regular dividend or reduced its dividend since the first dividend payment in 1868
- Flat dividends from Q2-2020 onward due to temporary OSFI policy<sup>1</sup>



Note: Dividend of CAD 1.46 per share for the quarter ending October 31, 2021 payable on October 28, 2021 to shareholders of record at the close of business on September 28, 2021. 1. On March 13, OSFI prohibited dividend increases and cancelled future share buybacks: <u>https://www.osfi-bsif.gc.ca/Eng/osfi-bsif/med/Pages/2020-04-17.aspx</u>

# High-Quality, Client-Driven Balance Sheet (Based on Q3 2021 Results)





<sup>1</sup> Securitized agency MBS are on balance sheet as per IFRS. <sup>2</sup> Derivatives related assets, are largely offset by derivatives related liabilities. Under IFRS derivative amounts with master netting agreements cannot be offset and the gross derivative assets and liabilities are reported on balance sheet. 3 Includes obligations related to securities sold short, cash collateral on securities lent and obligations related to securities under repurchase agreements.

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# Underpinned by a Commitment to Balance Sheet Strength



Basel III Leverage Ratio (%)



Basel III Total Capital Ratio (%)



Liquidity Coverage Ratio (%)



# Strong and resilient balance sheet

\$B	Q3/20	Q2/21	Q3/21
Average Loans and Acceptances	414.9	425.0	440.1
Average Deposits	557.4	586.6	599.3
CET1 capital	30.2	31.9	33.1
CET1 ratio	11.8%	12.4%	12.3%
Risk-weighted assets (RWA)	256.7	258.0	269.0
Leverage ratio	4.6%	4.7%	4.6%
Liquidity coverage ratio (average)	150%	134%	126%
HQLA (average)	178.0	179.0	168.3
Net Stable Funding Ratio		118%	117%

- Continued balance sheet strength
- CET1 ratio of 12.3%, down 7 bps, reflecting:
- Capital generation from earnings net of dividends, 40 bps
- Offset by:

RWA (\$B)

- Increase in RWAs of \$7.1B from robust volume growth
- Unwind of market risk regulatory capital relief related to Stressed VaR multiplier of \$2.5B
- Fully loaded CET1<sup>1</sup> ratio of 12.2%



• <sup>1</sup> Fully loaded CET1 ratio is based on the CET1 capital excluding the benefit of the ECL transitional arrangement provided by OSFI as announced on March 27, 2020.

• <sup>2</sup> Excludes the impact of FX.



CET1 Ratio

## **Credit Review**



Provision For Credit Losses (PCL)

Reported & Adjusted <sup>1</sup> (\$MM)	Q3/20	Q2/21	Q3/21
Cdn. Personal & Business Banking	217	65	67
Impaired	147	206	82
Performing	70	(141)	(15)
Cdn. Commercial Banking & Wealth	57	(18)	(49)
Impaired	45	(8)	(11)
Performing	12	(10)	(38)
U.S. Commercial Banking & Wealth	160	(12)	(57)
Impaired	42	23	25
Performing	118	(35)	(82)
Capital Markets	64	(11)	(60)
Impaired	60	8	(18)
Performing	4	(19)	(42)
Corporate & Other	27	8	-
Impaired	6	17	30
Performing	21	(9)	(30)
Total PCL	525	32	(99)
Impaired	300	246	108
Performing	225	(214)	(207)

Fiscal Quarter

90+ Days Delinquency Rates	Q3/20	Q2/21	Q3/21
Canadian Residential Mortgages	0.36%	0.25%	0.19%
Uninsured	0.34%	0.23%	0.15%
Insured	0.43%	0.35%	0.31%
Canadian Credit Cards	0.43%	0.69%	0.56%
Personal Lending	0.38%	0.32%	0.26%
Total	0.40%	0.29%	0.22%

1. Adjusted results are non-GAAP financial measures. See slide Non-GAAP Financial Measures for further details.

## **Prudent Risk Management**



Allowance for Credit Losses/Gross Loans<sup>1,2</sup> (%)



COVID-19 Pandemic

<sup>1</sup> Allowance for credit losses to gross carrying amount of loans. The gross carrying amount of loans include certain loans that are measured at FVTPL. <sup>2</sup> F20 results were affected by COVID-19 pandemic economic impacts. <sup>3</sup> Fiscal years 2011 to 2017 are under IAS 39. Effective November 1, 2017, we adopted IFRS 9. <sup>4</sup> The ratio is calculated as the provision for credit losses on impaired loans to average loans and acceptances, net of allowance for credit losses.

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# Allowance for credit losses down YoY and QoQ



Reported	Q3/20	Q2/21	Q3/21
Canadian Credit Cards	6.2%	5.8%	5.0%
Canadian Residential Mortgages	0.1%	0.1%	0.1%
Canadian Personal Lending	2.0%	1.7%	1.9%
Canadian Small Business	3.4%	2.5%	2.3%
Canadian Commercial Banking	0.9%	0.8%	0.6%
U.S. Commercial Banking	1.2%	1.2%	1.1%
Capital Markets <sup>1</sup>	1.1%	0.9%	0.7%
CIBC FirstCaribbean (FCIB)	4.8%	5.0%	4.9%
Total	0.86%	0.77%	0.67%

Total Allowance Coverage Ratio<sup>1</sup>



## Allowance coverages were down YoY and QoQ

- The lower allowance coverage is due to a combination of the net impact of forward looking indicator improvements, COVID overlays and other portfolio movements
- Current allowance coverage remains higher than the pre-COVID level



Capital Markets excludes allowance for credit losses related to Simplii Financial which is included in the respective Canadian retail products.
 Allowance for credit loss to gross carrying amount of loans. The gross carrying amount of loans include certain loans that are measured at FVTPL.

# Lending portfolio is well diversified





#### **Overall Loan Mix (Outstanding)**

- · Nearly two-thirds of our portfolio is consumer lending composed mainly of mortgages, with uninsured having an average loan-to-value of 48%
- Oil and gas is 1.1% of the loan portfolio; 49% investment grade
- The balance of our portfolio is in business and government lending with an average risk rating equivalent<sup>2</sup> to a BBB, with minimal exposure to the leisure and entertainment sectors

#### **Canadian Uninsured Mortgage Loan-To-Value Ratios**



<sup>1</sup> Certain amounts by sector have been revised from those previously presented to align with our revised sector definition, or to better match the borrowers' risk profiles with the relevant sectors. <sup>2</sup> Incorporates security pledged; equivalent to S&P/Moody's rating of BBB/Baa2.

## Diversification is Key to a Stable Wholesale Funding Profile

CIBC





- Well diversified across products, currencies, investor segments and geographic regions
- Achieve appropriate balance between cost and stability of funding
- Regular issuance to promote investor engagement and secondary market liquidity
- Well balanced maturity profile that is reflective of the maturity profile of our asset base

## **CIBC Funding Strategy and Sources**

## Funding Strategy

- CIBC's funding strategy includes access to funding through retail deposits and wholesale funding and deposits
- CIBC updates its three-year funding plan on at least a quarterly basis
- The wholesale funding strategy is to develop and maintain a sustainable funding base through which CIBC can access funding across many different depositors and investors, geographies, maturities, and funding instruments



#### Wholesale Funding Sources



Wholesale Market (CAD Eq. 167.5BN), Maturity Profile



Source: CIBC Q3-2021 Report to Shareholders

## Wholesale Funding Geography



## Wholesale Funding By Currency<sup>1</sup>



<sup>3.</sup> Percentages may not add up to 100% due to rounding

1.

## **CIBC Funding Composition**



Funding Sources - July 2021<sup>1</sup>



Source: CIBC Q3-2021 Supplementary Financial Information

Funding Sources	BN
Personal deposits	210.7
Business and government deposits	214.9
Unsecured funding <sup>1</sup>	136.8
Securities sold short or repurchase agreements	90.1
Others (Includes derivatives)	63.1
Capital <sup>2</sup>	49.9
Securitization & Covered Bonds	40.6
Total	806.1

Wholesale market, currency <sup>3</sup>	BN
USD	90.3
CAD	48.4
Other	28.8
Total	167.5

<sup>1</sup> Unsecured funding is comprised of wholesale bank deposits, certificates of deposit and commercial paper, bearer deposit notes and bankers' acceptances, senior unsecured EMTN and senior unsecured structured notes

<sup>2</sup> Capital includes subordinated liabilities

<sup>3</sup> Currency composition, in Canadian dollar equivalent, of funding sourced by CIBC in the wholesale market. Source: CIBC Q3-2021 Report to Shareholders



# CIBC

# Canadian Bail-in and Regulatory Regime Update

**CIBC** Investor Presentation

# Canadian Bail-in Regime Update



On April 18, 2018, Department of Finance published the bail-in regulations, and OSFI finalized the guidelines on Total Loss Absorbing Capacity (TLAC) and TLAC holdings.

#### Department of Finance's bank recapitalization (bail-in) conversion regulations

- Provide statutory powers to CDIC (through Governor in Council) to enact the bail-in regime including the ability to convert specified eligible shares and liabilities of D-SIBs into common shares in the event such bank becomes non-viable
- Bail-in eligible liabilities include tradable (with CUSIP/ISIN), unsecured debt with original maturity of over 400 days
- Excluded liabilities are covered bonds, consumer deposits, secured liabilities, derivatives, and structured notes<sup>1</sup>
- Effective on September 23, 2018

## OSFI's TLAC Guideline

- TLAC liabilities must be directly issued by the D-SIB, satisfy all of the requirements set out in the bail-in regulations, and have residual maturity greater than 365 days
- Minimum requirements:
  - TLAC ratio = TLAC measure / RWA > 21.5%
  - TLAC leverage ratio = TLAC measure / Leverage exposure > 6.75%
  - TLAC supervisory target ratio set at 22.50% RWA (to be increased to 24.00% effective October 31, 2021)<sup>2</sup>
  - Effective Fiscal 2022. Public disclosure began in Q1 2019

## **OSFI's TLAC Holdings**

- Our investment in other G-SIBs and other Canadian D-SIB's TLAC instruments are to be deducted from our own tier 2 capital if our aggregate holding, together with investments in capital instruments of other FIs, exceed 10% of our own CET1 capital
- Implementation started in Q1 2019

<sup>&</sup>lt;sup>1</sup> As referenced in the Bank Recapitalization (Bail-in) Regulations: <u>http://laws-lois.justice.gc.ca/eng/regulations/SOR-2018-57/FullText.html</u> <sup>2</sup> Will increase to 24.00% on October 31, 2021 upon increase of Domestic Stability Buffer to 2.50% (the maximum) from 1.00%

# Canadian Bail-in Regime - Comparison to Other Jurisdictions



Bail-in implementation in other jurisdictions has increased the riskiness of bail-inable bonds vs. non-bail-inable bonds:

- Legislative changes prohibit bail-outs, increasing the probability that bail-in will be relied on
- The hierarchy of claims places bail-in debt below deposits and senior debt through structural subordination, legislation or contractual means
- Bail-in is expected to rely on write-down of securities, imposing certain losses on investors

## The Canadian framework differs from other jurisdictions on several points:

- The Canadian government has not introduced legislation preventing bail-outs
- Canadian senior term debt will be issued in a single class and will not be subordinated to another class of senior term debt like other jurisdictions such as the US and Europe
- Canada does not have a depositor preference regime; bail-in debt does not rank lower than other liabilities
- No Creditor Worse Off principle provides that no creditor shall incur greater losses than under insolvency proceedings
- There are no write-down provisions in the framework
- Conversion formula under many scenarios may result in investor gains

## How Bail-In Is Expected To Work

When OSFI deems a bank has ceased to or may be about to cease to continue to be viable, it may trigger temporary takeover of the bank and carry out the bail-in conversion of NVCC capital and bail-in debt to common equity.

- There are no write-down provisions in the framework
- Conversion formula under many scenarios may result in investor gains



Note: Diagram shown is for illustrative purposes only. It is not to scale nor does it update the magnitude of the bail-in security to match the loss.

## Liquidation to Resolution Comparison



#### Liquidation Scenario

Bail-in debt ranks pari passu with all other senior unsecured liabilities.

#### **Resolution Scenario**

Bail-in debt is partially or fully converted into common shares.

#### **No Creditor Worse Off**

No creditor shall incur greater losses than under insolvency proceedings. Bank shareholders and creditors may seek compensation should they be left worse off as a result of CDIC's actions to resolve a failed bank than they would have been if the bank had been liquidated.



Note: Diagram shown is for illustrative purposes only. It is not to scale nor does it update the magnitude of the bail-in security to match the loss.

## **Overview of Creditor Hierarchies in Bail-In Resolution**

National layers of bail-inable senior debt instruments



Source: Commerzbank

Sec. Obligations as well as Retail & SME Deposits <100k under Deposit Guarantee Scheme

\*\* Sec. Obligations (e.g. Covered bonds) as well as CDIC Insured Deposits



## Office of the Superintendent of Financial Institutions (OSFI) Non Viability Criteria



In assessing whether an institution has ceased, or is about to cease, to be viable, the following criteria can be considered, which may be mutually exclusive and should not be viewed as an exhaustive list<sup>1</sup>

Whether the assets of the institution are, in the opinion of the Superintendent, sufficient to provide adequate protection to the institution's depositors and creditors.

Whether the institution has lost the confidence of depositors or other creditors and the public. This may be characterized by ongoing increased difficulty in obtaining or rolling over short-term funding.

Whether the institution's regulatory capital has, in the opinion of the Superintendent, reached a level, or is eroding in a manner, that may detrimentally affect its depositors and creditors.

Whether the institution failed to pay any liability that has become due and payable or, in the opinion of the Superintendent, the institution will not be able to pay its liabilities as they become due and payable.

Whether the institution failed to comply with an order of the Superintendent to increase its capital.

Whether, in the opinion of the Superintendent, any other state of affairs exists in respect of the institution that may be materially prejudicial to the interests of the institution's depositors or creditors or the owners of any assets under the institution's administration, including where proceedings under a law relating to bankruptcy or insolvency have been commenced in Canada or elsewhere in respect of the holding body corporate of the institution.

Whether the institution is unable to recapitalize on its own through the issuance of common shares or other forms of regulatory capital. For example, no suitable investor or group of investors exists that is willing or capable of investing in sufficient quantity and on terms that will restore the institution's viability, nor is there any reasonable prospect of such an investor emerging in the near-term in the absence of conversion or write-off of NVCC instruments. Further, in the case of a privately-held institution, including a Schedule II bank, the parent firm or entity is unable or unwilling to provide further support to the subsidiary.

<sup>1</sup> Source: CAR Guideline, section 2.2.2, April 2018

http://www.osfi-bsif.gc.ca/Eng/fi-if/rg-ro/gdn-ort/gl-ld/Pages/CAR18\_chpt2.aspx#ToC222Criteriatobeconsidered intriggering conversion of NVCC

## **Domestic Stability Buffer**

## Background

- Canadian Domestic Systemically Important Banks (D-SIBs) are required to hold Pillar 2 capital buffer that is privately communicated to each bank, to address risks that are inadequately captured by the Pillar 1 minimum capital requirements
- D-SIBs are subject to publicly-disclosed Pillar 1 minimum of 8.0% and undisclosed non-public Pillar 2 buffer

## What Has Changed

- The Domestic Stability Buffer will increase to 2.50% of RWA effective October 13, 2021 from 1.00% currently; it can range between 0% to 2.5% depending on OSFI's assessment of systemic vulnerabilities D-SIBs face including Canadian consumer and institutional indebtedness, as well as asset imbalances in the Canadian market
- OSFI announced on June 20, 2018 a revised framework where a component of the Pillar 2 buffer for D-SIBs will be publicly disclosed<sup>(1)</sup>
- The purpose of public disclosure is to provide greater transparency to the market and other stakeholders, and to enhance the usability of the buffer by the banks in times of stress
- A breach would require a remediation plan from the bank
- OSFI will undertake a review of the buffer on a semi-annual basis, in June and December with any changes being made public

## **Implications for Banks**

- There is no incremental capital requirement for banks. This is a transition of the Pillar 2 capital buffer requirement from private to public domain.
- Given CIBC (and other Canadian D-SIBs) are well above the minimum requirement, we do not believe this will impact banks' capital planning in a material way









# Canadian Mortgage Market



## Mortgage Market Performance and Urbanization Rates





Source: UK Finance, CBA, MBA. \*Mortgage arrears of 3+ months in Canada and UK or in foreclosure process in the US

#### Canada has one of the highest urbanisation rates in the G7

- Almost 40% of the Canadian population lives in one of the four largest cities
- A greater rate of urbanisation is a strong contributor to increases in property values

#### Canadian mortgages consistently outperform U.S. and **U.K.** mortgages

- Low defaults and arrears reflect the strong Canadian credit culture
- Mortgage interest is generally not tax deductible, resulting in an incentive for mortgagors to limit their amount of mortgage debt
- In most provinces, lenders have robust legal recourse to recoup losses .
- Mortgage arrears have steadily declined from high of 0.45% in 2009 to . 0.20% in May 2021<sup>1</sup>

<sup>1</sup> Source: Canadian Banker's Association



**Population in Top Four Cities** 

Source: 2014 Census for France, 2016 Census for Canada, 2011 Census for UK, Germany; 2020 Census for US
## **Canadian House Prices**

- Absolute price level is moderate compared to major global urban centers
- Canadian housing market among others that have experienced sharp rises in residential real estate values over the last year
- Growth rates of house prices in Canada have diverged across regions



#### Latest Year over Year Increases in House Prices (%)

#### Average Home Price

City	CAD	USD Eq. <sup>1</sup>
Canada	662K	531K
Toronto	1054K	846K
Vancouver	1176K	943K
Calgary	448K	359K
Montreal	496K	398K
Ottawa	660K	530K

Source: CREA, July 2021, <sup>1</sup> 1 USD = 1.2462 CAD

#### Housing Index Year over Year Change, by City



Source: Bloomberg, Teranet - National Bank House Price Index



## **CIBC's Mortgage Portfolio**



#### Condo Exposure: CAD 39.4 BN



- 26% of CIBC's Canadian residential mortgage portfolio is insured, with 65% of insurance being provided by CMHC
- The average loan to value<sup>1</sup> of the uninsured portfolio is 48%
- The condo developer exposure is diversified across 105 projects
- Condos account for approximately 14% of the total mortgage portfolio

1. LTV ratios for residential mortgages are calculated based on weighted average. The house price estimates for July 31,2021 and October 31,2020 are based on the Forward Sortation Area level indices from the Teranet – National Bank National Composite House Price Index (Teranet) as of June 30,2021 and September 30, 2020, respectively. Teranet is an independent estimate of the rate of change in Canadian home prices.



# CIBC

# Legislative Covered Bond Programme, Collateral Pool

**CIBC** Investor Presentation

#### Legislative Programme Summary



Programme Size	CAD 60,000,000	
Ratings	Aaa / AAA by Moody's / Fitch	
Asset Percentage	Currently at 93.0%	
Currency	Most Convertible Currencies	
Guarantor	CIBC Covered Bond (Legislative) Guarantor Limited Partnership	
Listing	Luxembourg	
Law	Canadian Legislative Framework (National Housing Act)	
Collateral Pool Eligibility	Canadian uninsured residential loans (mortgages and home equity lines <sup>1</sup> )	
Arrangers	CIBC / HSBC	
Tenor	3-10 year expected issuance	
Coupon	Fixed or Float	
Bullet Type	Hard or soft [All issuance to date has been soft]	
ECBC Covered Bond Label	Joined in 2018	



#### **Covered Bond Structure**



- In April 2012, the Canadian government introduced legislation which provides a framework for the issuance of covered bonds by Canadian financial institutions
- In July 2012, the National Housing Act was amended to establish a legal framework for covered bond programmes in Canada
- Eligible collateral consists of uninsured Canadian residential mortgage loans and home equity lines of credit<sup>1</sup>
- There will be monthly monitoring tests completed on the programme that are independently verified by auditors on at least an annual basis, as well as periodic reviews completed by the rating agencies
- On a monthly basis, investor reports are published on the CIBC Investor Relations website (<u>www.cibc.com/ca/investor-relations/debt-info/legislative-covered-bond-program.html</u>)
- CMHC has been given responsibility to administer the legal framework for Canadian registered covered bond programmes
- 1. No plans to include home equity lines of credit in the near future

## CIBC

#### **Cover Pool**

Summary Statistics (July 31, 2021) <sup>1</sup>		
Current Collateral Pool	Canadian uninsured residential mortgages	
Asset Percentage Requirement	93.00%	
Current Balance	CAD 29,928,034,922	
Outstanding Covered Bonds	CAD Eq. 23,604,325,800	
Number of Loans	112,340	
Average Balance	CAD 266,406	
Weighted Ave Original LTV	69.91%	
Weighted Ave Current Indexed LTV	42.45%	
Weighted Ave Current Unindexed LTV	59.92%	
Weighted Ave Remaining Term	28 months	
Weighted Ave Remaining Amortization	254 months	
Weighted Ave Seasoning	53 months	
90 day + Arrears <sup>2</sup>	0.15%	
Insured	No	
Fixed <sup>2,3</sup>	80.94%	
Owner Occupied <sup>2</sup>	81.89%	

1. Collateral information available on https://www.cibc.com/ca/investor-relations/debt-info/legislative-covered-bond-program.html

As a percentage of current balance
 No interest only loans

#### Cover Pool (July 2021)

25%

20%





**Remaining Term** 

**Geographic Distribution** 

30%

40%

50%

60%







#### Contacts



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# Appendix





## Appendix



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## Canadian Mortgage Market



#### Beneficial Mortgage Regulation in Canada

Default Insurance	<ul> <li>Under the Bank Act, banks can only advance uninsured mortgages up to an LTV ratio of 80%</li> <li>Borrowers have to purchase default insurance if the mortgage has an LTV &gt; 80%</li> <li>Insurance covers the entire outstanding principal amount, up to 12 months accrued interest and, subject to certain caps, any out-of-pocket costs incurred by the lender (e.g. foreclosure expenses, legal fees, maintenance costs, property insurance, etc.)</li> <li>Mortgage default insurance is provided by CMHC and private mortgage insurers (Sagen, Canada Guaranty)</li> </ul>
Favourable Legal Environment	<ul> <li>In most provinces, lenders have robust legal recourse to recoup losses (e.g. garnishing wages)</li> </ul>
Taxation	<ul> <li>Mortgage interest is generally not tax deductible, which results in an incentive for mortgagors to limit their amount of mortgage debt</li> </ul>



This combination of factors results in consistently low credit losses on the Canadian banks' mortgage books

## Canadian Mortgage Market Regulatory Developments





lowered to 65% (from 80%)

## Canadian Mortgage Market Regulatory Developments (continued)



CIBO	2

90+ Days Delinquency Rates	Q3/20	Q2/21	Q3/21
Total Mortgages	0.36%	0.25%	0.19%
Uninsured Mortgages	0.34%	0.23%	0.15%
Uninsured Mortgages in GVA <sup>1</sup>	0.23%	0.24%	0.15%
Uninsured Mortgages in GTA <sup>1</sup>	0.26%	0.16%	0.10%
Uninsured Mortgages in Oil Provinces <sup>2</sup>	0.80%	0.63%	0.51%

• The Greater Vancouver Area<sup>1</sup> (GVA) and Greater Toronto Area<sup>1</sup> (GTA) continue to outperform the Canadian average

Mortgage Balances (\$B; spot)



HELOC Balances (\$B; spot)



<sup>1</sup> GVA and GTA definitions based on regional mappings from Teranet. <sup>2</sup>Alberta, Saskatchewan and Newfoundland and Labrador.

#### Canadian Uninsured Residential Mortgages – Q3/21 Originations



**Beacon Distribution** 



- Originations of \$23B in Q3/21
- Average LTV<sup>1</sup> in Canada: 64%
  - GVA<sup>2</sup>: 59%
- GTA<sup>2</sup>: 63%

Loan-to-Value (LTV)<sup>1</sup> Distribution



#### **Canadian Uninsured Residential Mortgages**







Loan-to-Value (LTV)<sup>1</sup> Distribution



- Better current Beacon and LTV<sup>1</sup> distributions in GVA<sup>2</sup> and GTA<sup>2</sup> than the Canadian average
- Less than 1% of this portfolio has a Beacon score of 650 or lower and an LTV<sup>1</sup> over 75%
- Average LTV<sup>1</sup> in Canada: 48%
  - GVA<sup>2</sup>: 44%
  - GTA<sup>2</sup>: 46%

## Exposure to vulnerable sectors represents 2% of our lending portfolio











• 28% of drawn loans investment grade<sup>3</sup>

• The U.S. comprises 20% of drawn exposure

- 56% of drawn loans investment grade<sup>3</sup>
- The U.S. comprises 4% of drawn exposure

<sup>1</sup> Includes amusement services, gambling operations, sports clubs, horse racing, movie theaters, ski facilities, golf courses, etc. <sup>2</sup> Certain amounts by sector have been revised from those previously presented to align with our revised sector definition, or to better match the borrowers' risk profiles with the relevant sectors. <sup>3</sup> Incorporates security pledged; equivalent to S&P/Moody's rating of BBB-/Baa3 or higher.

#### **Commercial Real Estate Exposure Remains Diversified**





Canadian Commercial Real Estate Exposure by Sector<sup>1</sup>

U.S. Commercial Real Estate Exposure by Sector<sup>2</sup> Industrial Office 16% 25% **Residential 1%** Retail 10% **US\$15.6B** Healthcare 3% Hotel 3% Other 13% Multi Family 29%

• 70% of drawn loans investment grade<sup>3</sup>

• 32% of drawn loans investment grade<sup>3</sup>

Includes \$3.4B in Multi Family that is included in residential mortgages in the Supplementary Financial Information package. <sup>2</sup> Includes US\$1.7B in loans that are included in other industries in the Supplementary Financial Information package but are included because of the nature of the security. <sup>3</sup> Incorporates security pledged; equivalent to S&P/Moody's rating of BBB-/Baa3 or higher.



# Sustainability



## **ESG Commitments**



Commitments	Material Topics	Key Performance indicators	Target	Status as of Oct 31, 2020 or later	
Environment	Sustainable Finance	Environmental and sustainable financing	\$150 billion over 10 years (2018-2027)	$\checkmark$	28% <sup>1</sup> achieved (\$42 billion)
Social	Client Experience	CIBC Enterprise Net Promoter Score	Continuous improvement	$\checkmark$	Up 2 pts YoY
Social	Privacy & Information Security	Number of privacy findings against CIBC by regulators	No privacy findings against CIBC by regulators	x	3 <sup>2</sup>
Social	Inclusive Banking	New loan authorizations to small and medium-sized Enterprises (SMEs)	Provide \$9B in new loan authorizations to SMEs (2020-2023)	$\checkmark$	39% <sup>3</sup> achieved
Social	Inclusive Banking	Growth in commercial banking Indigenous business	Grow by 10% in 2020	$\checkmark$	23%
Social	Employee Engagement	CIBC's employee engagement score	>109% of Willis Towers Watson global financial services norm	$\checkmark$	111%
Social	Employee Engagement	Voluntary turnover (Canada)	Voluntary turnover <12.5% in 2020 (Canada)	$\checkmark$	7.3%
Social	Employee Engagement	% of employees that had performance reviews	Performance reviews for 100% of employees	$\checkmark$	100%
Social	Belonging at Work	% of women on the CIBC Board of Directors	At least 30% women, at least 30% men on CIBC's Board of Directors	$\checkmark$	50%
Social	Belonging at Work	% of women in board-approved executive roles (Global)	At a minimum, between 35% and 40% by 2022 (Global)	$\checkmark$	33%
Social	Belonging at Work	% of visible minorities in board-approved executive roles (Canada)	At least 22% by 2022 (Canada)	$\checkmark$	20%
Social	Belonging at Work	% leaders from the Black community in board-approved executive roles (Canada)	4% by 2023 (Canada)	$\checkmark$	3%
Social	Belonging at Work	External hires: % of persons with disabilities (Canada)	8% - 9% in 2020 (Canada)	X	<b>5</b> % <sup>4</sup>
Social	Belonging at Work	External hires: % of indigenous peoples (Canada)	2% in 2020 (Canada)	$\checkmark$	3%
Social	Belonging at Work	Student recruitment: % from the Black community (Canada)	At least 5% in 2021	N/A	Starts in 2021
Social	Community Relationships	Community investments: Canada and the U.S.	\$350M total corporate & employee giving (2019-2023)	$\checkmark$	44% achieved
Governance	Business Ethics	Employee completion rate: Code of Conduct ethical training	100% employee completion rate	$\checkmark$	100%

<sup>1</sup> For the cumulative results of 2018 through 2020. <sup>2</sup> Cases against CIBC by the Office of the Privacy Commissioner of Canada. <sup>3</sup> Revisions to our methodology resulted in new loan authorizations to SMEs being revised to \$3.5 billion in 2020, from \$6.9 billion reported in the ESG scorecard of CIBC's 2020 Annual Report. <sup>4</sup> The full picture of our hiring for persons with disabilities is likely not reflected due to low self-disclosure in the survey utilized for data collection.

## Our Commitment to Sustainability













Principles for Responsible Investment





**Social** 

# Governance



#### Member of Dow Jones Sustainability Indices

Powered by the S&P Global CSA













Rating Provider	Rating <sup>1</sup>
CDP	2020 Climate Change Score: A- (from B in 2019)
MSCI 💮	2020 ESG Rating: AA Scale of CCC to AAA (best)
	2021 ESG Risk Rating: 18.3 (low risk); equivalent to 13 <sup>th</sup> percentile among banks (from 17 <sup>th</sup> percentile in 2020; 1 <sup>st</sup> percentile = lowest risk)
ISS D	QualityScore: Environment = 1; Social = 1; Governance = 1 (scale of 1 to 10; 1 = low risk) Corporate Rating: C-; Industry Leaders = C+; Industry Average = D
FTSE Russell	2021 ESG Rating: 4.1 (scale of 1 to 10); equivalent to 83 <sup>rd</sup> percentile (100 <sup>th</sup> percentile = best) CIBC's rating exceeds FTSE Russell's Subsector (banks) and Industry (financials) averages
S&P Global	2021 ESG Score: 73 Company rank: 39 of 622 in industry



	Trigger	Consequences
Servicer formination Event <sup>1</sup>	<ul> <li>Servicer downgraded below Baa2/F2 by Moody's/Fitch</li> <li>Servicer defaults on amounts due to Guarantor not remedied in 3 business days</li> <li>Servicer failure to comply with any of its obligations under Servicing Agreement not remedied within 20 business days</li> <li>Prior to downgrade below Servicer Deposit Threshold Ratings, Servicer failure to transfer collections before the next Guarantor Payment Date to Cash Manager, not remedied within 1 business day</li> <li>Following downgrade below Servicer Deposit Threshold Ratings, Servicer failure to transfer within 2 business days to Cash Manager, not remedied within 1 business day</li> <li>Servicer insolvency</li> <li>Servicer terminated by the Guarantor</li> <li>Servicer's failure to satisfy representation and warranties made in the Servicing Agreement</li> <li>Issuer Event of Default occurs and is continuing at any time that the Guarantor is Independently Controlled and Governed</li> </ul>	<ul> <li>Servicer, Guarantor and Bond Trustee agree to use commercially reasonable efforts to arrange for the appointment of a successor Servicer</li> <li>After Servicer Event of Default, all remaining Available Revenue Receipts (after making all relevant payments in the Pre-Acceleration Revenue Priority of Payments) will be deposited into the GDA Account</li> </ul>



	Trigger	Consequences
Issuer Event of Default <sup>1</sup>	<ul> <li>Issuer fails to pay any principal or interest in respect of the Covered Bonds within 10 business days in the case of principal and 30 days in the case of interest, in each case of the respective date</li> <li>Failure of Issuer to perform or observe any other obligation under the Covered Bond programme for more than 30 days</li> <li>Insolvency Event of the Issuer</li> <li>Failure to satisfy ACT and this remains not remedied by the Guarantor Payment Date immediately following the Calculation Date following service of ACT Breach Notice</li> <li>Failure of Pre-Maturity Test less than 6 months prior to Final Maturity Date, and remains not remedied before the earlier of: (1) 10 business days from the day of notification, and (2) Final Maturity Date.</li> <li>Failure to take prescribed remedial action within specified timeframe after ratings trigger breach (unless the Guarantor is independent)<sup>1</sup></li> </ul>	<ul> <li>Delivery of Issuer Acceleration Notice</li> <li>Bond Trustee will serve a Notice to Pay on the Guarantor</li> <li>Covered Bonds become due and payable against Issuer but not accelerated against Guarantor</li> <li>Guarantor will make payments of Guaranteed Amounts when the same become due for payment</li> <li>No more additional Covered Bond issuances</li> <li>Liquidation GP assumes the management responsibilities of the Managing GP</li> <li>All amounts received from Borrowers are directed into the GDA Account</li> <li>Title Trigger Event occurs</li> <li>At the option of the Guarantor, if the Interest Rate Swap Agreement may be terminated</li> <li>At the option of the Guarantor, if the Covered Bond Swap Provider is the Issuer, the Covered Bond Swap Agreement may be terminated</li> <li>If the Account Bank is the Issuer, the Guarantor Account Bank is the Issuer, the Guarantor Account Bank</li> </ul>



Trigger			Consequences		
	Title Trigger Event	<ul> <li>Servicer Event of Default, not remedied within 30 days</li> <li>Issuer Event of Default (other than insolvency), not remedied within 30 days</li> <li>Insolvency Event with respect to the Seller</li> <li>Acceptance of any offer to sell Loans to any purchaser other than the Seller or the relevant Originator</li> <li>Request from Guarantor, due to sale of selected loans to third party</li> <li>An order from a court, regulatory authority, or eligible organization</li> <li>Seller downgraded below Baa1/BBB+ by Moody's/Fitch</li> </ul>	<ul> <li>Notice of loans' sale given by Issuer to Borrowers</li> <li>Borrowers notified to make payments to the Standby Account Bank for the account of the Guarantor</li> <li>Perfection of legal assignment of mortgage loans and related security to Guarantor</li> </ul>		
	Guarantor Event of Default	<ul> <li>Default by Guarantor on Covered Bonds principal and interest for period of 7 days or more</li> <li>Failure of Guarantor to perform or observe any other obligation under the Covered Bond programme for more than 30 days</li> <li>Insolvency Event with respect to Guarantor</li> <li>Failure to satisfy Amortization Test on any Calculation Date following Notice to Pay</li> <li>Guarantee is, or claimed to be, not in full force and effect</li> <li>Failure to take prescribed remedial action within specified timeframe after ratings trigger breach (unless the Guarantor is independent)<sup>1</sup></li> </ul>	Service of Guarantor Acceleration Notice to Guarantor Covered Bonds become due and payable against the Guarantor Cover assets must be sold to meet Covered Bond payments		



#### Trigger

#### Consequences

Cash Management Deposit Ratings	Cash Manager's ratings fall below P-1/F1 or A by Moody's/Fitch	Cash Manager required to direct the Servicer to deposit all Revenue Receipts and Principal Receipts directly into the GDA Account within two business days			
Cash Manager Required Ratings	Cash Manager's ratings fall below P-2(cr)/F2 by Moody's/Fitch	Transfer of Cash Management Agreement to Third Party			
Servicer Deposit Threshold Ratings	Servicer's ratings fall below P-1/F1 or A by Moody's/Fitch	Servicer required to transfer collections within two business days of collection to (i) Cash Manager, prior to Cash Manager's downgrade below Cash Management Deposit Ratings, (ii) GDA Account			
Reserve Fund Required Amount Ratings	Issuer's ratings fall below P-1/F1 or A by Moody's/Fitch	Guarantor required to establish the reserve fund in the GDA Account up to an amount equal to the Canadian dollar equivalent of scheduled interest due on all outstanding bonds over the next three months plus three-twelfths of expected annual amount payable in respect of certain expenses and, if applicable, swap payments			
Pre-Maturity Minimum Ratings	Issuer's ratings fall below P-1/F1+ by Moody's/Fitch, with a Hard Bullet bond maturing within 12 months	Guarantor required to establish the ledger in the GDA Account up to an amount equal to the Canadian dollar equivalent of scheduled principal due for repayment within 12 months and other specified amounts			
Account Bank Threshold Ratings	Account Bank's ratings fall below P-1/F1 and A by Moody's/Fitch	Guarantor Accounts required be moved to the Standby Account Bank			
Initial Downgrade Trigger Event	Swap provider's ratings fall below P-1 or A2/F1 and A by Moody's/Fitch	Swap provider required to provide credit support to the Guarantor within 10 business days, or arrange for its obligations to be guaranteed or transferred to a sufficiently highly rated counterparty			
Subsequent Downgrade Trigger Event	Swap provider's ratings fall below P-2 or A3/F3 and BBB- by Moody's/Fitch	Swap provider required to provide additional credit support to the Guarantor within 10 business days, and arrange for its obligations to be guaranteed or transferred to a sufficiently highly rated counterparty			

#### Outstanding Benchmark Covered Issuance





#### Selected Outstanding Legacy Senior<sup>1</sup>

CIBC	

ISIN	Programme	Currency	Issued	Issue Date	Maturity Date	Coupon Rate	lssue Spread
US136069TY74	SEC	USD	1,000,000,000	16-Jun-17	16-Jun-22	2.55%	T + 0.80%
			, , ,				
US136069TZ40	SEC	USD	500,000,000	16-Jun-17	16-Jun-22	LIBOR + 0.72%	0.72%
XS1646520921	EMTN/Formosa	USD	300,000,000	31-Jul-17	31-Jul-47	0.00%	3ML + .45%
XS1796257092	EMTN	EUR	1,100,000,000	22-Mar-18	22-Mar-23	0.75%	0.350%
CH0426621709	EMTN	CHF	430,000,000	31-Jul-18	31-Jul-23	0.15%	0.2575%
US13607RAD26	SEC	USD	1,000,000,000	13-Sep-18	13-Sep-23	3.50%	T + 0.80%
US13607RAE09	SEC	USD	500,000,000	13-Sep-18	13-Sep-23	LIBOR + 0.66%	0.66%



#### Selected Outstanding TLAC Senior<sup>1</sup>

ISIN	Programme	Currency		Issue Date <sup>2</sup>	Maturity Date	Coupon	Issue
			Issued			Rate	Spread
CA1360695D97		CAD	1,250,000,000	15-Jan-19	15-Jan-24	3.29%	GoC+1.40%
CH0419040826	EMTN	CHF	100,000,000	30-Jan-19	30-Jan-25	0.60%	MS + 0.70%
US13607GAP90	SEC	USD	1,000,000,000	2-Apr-19	2-Apr-24	3.10%	T + 0.92%
XS1991125896	EMTN	EUR	1,000,000,000	03-May-19	03-May-24	0.375%	0.42%
US1360698A26	SEC	USD	750,000,000	22-Jul-19	22-Jul-23 (4NC3)	2.606%	T + 0.80%
XS2056446524	EMTN	GBP	300,000,000	25-Sep-19	25-Sep-25	1.625%	1.30%
CH0498400578	EMTN	CHF	350,000,000	15-Oct-19	15-Oct-26	0.050%	0.66%
XS2066727061	EMTN	JPY	55,000,000,000	18-Oct-19	18-Oct-24	0.295%	YSO + 0.39%
US13607GKW32	SEC	USD	1,250,000,000	17-Dec-19	17-Mar-23	SOFR + 0.80%	SOFR + 0.80%
US13607GLZ53	SEC	USD	1,000,000,000	28-Jan-20	28-Jan-25	2.250%	T + 0.68%
CA13607GPJ71		CAD	2,000,000,000	17-Apr-20	17-Apr-25	2.000%	GoC+1.58%
AU3FN0054441	AMTN	AUD	575,000,000	09-Jun-20	09-Jun-23	BBSW + 1.35%	BBSW + 1.35%
AU3CB0272516	AMTN	AUD	225,000,000	09-Jun-20	09-Jun-23	1.60%	1.35%
US13607GRK21	SEC	USD	1,250,000,000	17-Jun-20	23-Jun-23	0.950%	T + 0.75%
US13607GRR73	SEC (Green Bond)	USD	500,000,000	23-Oct-20	23-Oct-23	0.950%	T + 0.63%
US1360&GRS56	SEC	USD	750,000,000	14-Dec-20	14-Dec-23	0.500%	T + 0.32%
US13607GRT30	SEC	USD	600,000,000	14-Dec-20	14-Dec-23	SOFR + 0.40%	SOFR + 0.40%
CA13607GRU09		CAD	1,250,000,000	19-Jan-21	19-Jan-26	1.100%	T + 0.62%
CA13607HMS80		CAD	1,250,000,000	4-Mar-21	4-Mar-25 (4NC3)	CORRA + 0.46%	CORRA + 0.46%
CA13607HUM29		CAD	1,500,000,000	8-Jun-21	10-Jun-24 (3NC2)	3M CDOR + 0.23%	3M CDOR + 0.23%
US13607HVC32	SEC	USD	1,250,000,000	22-Jun-21	22-Jun-23	0.450%	T + 0.30%
US13607HVE97	SEC	USD	750,000,000	22-Jun-21	22-Jun-23	1.250%	T + 0.50%
US13607HVD15	SEC	USD	500,000,000	22-Jun-21	22-Jun-23	SOFR + 0.34%	SOFR + 0.34%
CA13607HVV19		CAD	1,100,000,000	15-Jul-21	15-Jul-26	1.70%	GoC+0.78%
CA13607HVW91		CAD	400,000,000	15-Jul-21	15-Jul-26	CORRA + 0.58%	CORRA + 0.58%

1. The Base Prospectus for the Note Issuance Programme is available on: https://www.cibc.com/en/about-cibc/investor-relations/debt-information/note-issuance-programme.html

2. Any bonds with an Issue Date post September 22nd, 2018 are TLAC Issuances