

### THE WORLD BANK SUSTAINABLE DEVELOMENT BONDS

**CONNECTING CAPITAL MARKETS TO DEVELOPMENT** 

## **OVERVIEW**

What are Supranationals?

What is the World Bank?

Why invest with the World Bank?

What fixed income products does the World Bank offer?

# WHAT ARE SUPRANATIONALS?

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# WHAT ARE "SUPRANATIONALS"?

**Supranationals** (or "multilaterals") are international development institutions that provide financing, advisory services, and/or financial services to their member countries to achieve the overall goal of improving living standards through sustainable economic growth.

#### Summary of Key Features:

- Many are triple-A rated based on:
  - diversified, sovereign shareholders
  - conservative risk management
  - quality loan portfolio (preferred creditor status)
  - substantial liquidity and consistent profitability
  - strong capitalization (many have unique paid-in / callable capital structure)
- 0% risk weighting with Basle II and III. Level 1 HQLA (High Quality Liquid Asset) with no haircut under new Federal Reserve rule effective Jan 2015
- Issuers of US\$ global benchmarks included in major USD and global indices
- Some issue other instruments of possible interest to US government and official sector investors (e.g., US\$ callables, FRNs, etc.)

### WHO ARE THE ACTIVE "SUPRANATIONALS"?



\* Yellow outline highlights the AAA/Aaa supranationals that have the US as a shareholder.

# WASHINGTON SUPRAS

	World Bank (IBRD)	International Finance Corporation (IFC)	Inter-American Development Bank (IADB)
	WORLD BANK	<b>International</b> Finance Corporation WORLD BANK GROUP	Inter-American Development Bank
Development purpose	Global source of funding to member governments	Global source of finance for private enterprise in developing countries.	Regional source of development finance for Latin America and the Caribbean.
Membership	Global – 189 members	Global – 184 members	48 members, of which 26 are Latin American/Caribbean countries
Year established	1944	1956	1959
Largest shareholder	United States – 17.25%	United States – 22.19%	United States – 30%
Balance Sheet	USD 403	USD 94 billion	USD 129 billion
Annual Funding Program	USD 45 - 50 billion	USD 17 billion	USD 15-20 billion
SEC Exemption*	Yes	Yes	Yes, but still required to file certain information with SEC under SEC Regulation IA
Act of Congress Authorizing US Membership	Bretton Woods Act 22 USC 286 et. Seq.	International Finance Corporation Act 22 USC 282 et. Seq.	Inter-American Development Bank Act 22 USC 283 et. Seq.
Type of Lending	Preferred Creditor Status (PCS) Lending to Sovereigns or Sovereign guaranteed only	Lending to or equity investment in Emerging Market private sector entities	PCS Lending to Sovereign or Sovereign guaranteed (approximately 92%) plus Lending to private sector
		* European (in a surface to the Originities	Astaf 4000 and 0 association Each an an Astaf 4004

\* Exemptions refer to the Securities Act of 1993 and Securities Exchange Act of 1934.

# SUPRANATIONAL BENEFITS

- Diversification for AAA/Aaa assets
- Considered "safe haven" liquid assets especially during times of financial uncertainty
- Alternative for shrinking supply of comparable securities (e.g. Fannie Mae, Freddie Mac)
- Earn financial returns in addition to "social/environmental" returns which helps investors with environmental, social and governance (ESG) investment mandate.



# WHAT IS THE WORLD BANK?

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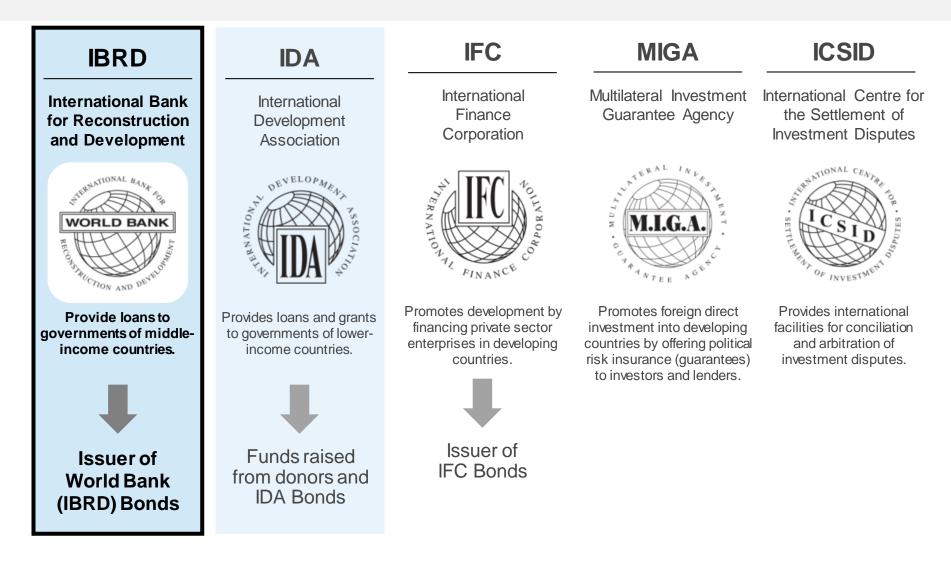
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#### THE WORLD BANK (IBRD) INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOPMENT



- Established in 1947 owned by 189 member countries
- Purpose is to end extreme poverty and promote shared prosperity in member countries
- Raises approximately USD 40-50 billion annually through World Bank ("IBRD") bonds
- World's largest source of development finance for past 70 years
- Activities aligned with the UN Sustainable Development Goals
- Largest shareholders are US, Japan, China, Germany, UK, and France
- Aaa/AAA issuer

## THE WORLD BANK GROUP



## THE WORLD BANK AND THE US

As the largest shareholder of the World Bank with more than 15% of total shares, the US maintains veto power over amendments to the Articles of Agreement

World Bank supports US national interests through projects, many of which address development issues that could otherwise permeate borders.

The relationship between the U.S. and the World Bank is most similar to that between the government and an instrumentality. Around 2,600 of the World Bank employees are U.S citizens

The full faith and credit of the US government backs all uncalled portions of US subscriptions to the World Bank

> The US Secretary of the Treasury sits on the World Bank's Board; its highest governing body

The World Bank has awarded contracts to more than 3,000 US firms for its projects since 2004.

The World Bank employs over 10,000 staff at its headquarters in Washington DC. It is the second largest employer in the district after the US federal government.

U.S. investors - including from the public sector - represent an increasing share in the World Bank's funding program.

United States' membership was incorporated into U.S. law through "Bretton Woods Agreements Act" of 1944 (22 U.S.C. 286 et seq.)

## WHY INVEST WITH THE WORLD BANK?

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## WHY INVESTORS BUY WORLD BANK BONDS



#### **Track Record**

- Issuing debt since 1947 and triple-A rated since 1959
- Fixed income products in multiple currencies, structures and maturities



#### Safety

- Strong balance sheet as a result of prudent financial policies
- Funds only for sovereigns and sovereign-guaranteed projects



#### **Development Mandate**

The World Bank's sustainable development programs aim to achieve positive social and/or environmental impacts in member countries

#### WHY INVEST? TRACK RECORD



July 1944, Bretton Woods Conference: World Bank was established at Bretton Woods to provide lending for reconstruction in countries after World War II.



October 1946: The World Bank begins reaching out to the financial community, including dealers and investors that covered 18 US cities by May 1947.



March 1947: The World Bank set up a small bond marketing office in the Federal Reserve Building in New York to lead the marketing campaign of the first bond issue.



#### July 15, 1947: First World Bank Bond Issuances

- **10:02 AM** The first order for the inaugural World Bank bonds were executed through the New York Stock Exchange.
- **12:00 PM** Announcement that the World Bank USD 100 million 10-year bond and USD 150 million 20-year bond have been heavily <u>over-subscribed</u>
- More than 1,700 dealers throughout the US participated in the first bond offering. This was the largest number of participation in a securities offering at the time.

# WHY INVEST? SAFETY

Triple-ACredit Rating



#### Quality Loan Portfolio

- · Global diversification
- · Exposure to sovereign only
- Concentration limits for individual countries
- Borrowing clients are also shareholders
- Preferred creditor status



#### **Prudent Risk Management**

- Statutory lending limit
- Equity-to-loans ratios considers equity capital only
- Strict and conservative ALM and investment policies



#### Strong Capital Base

- US\$ 42 billion equity (FY19)
- US\$ 262 billion callable capital (FY19)
- 189 shareholders countries
- US\$ 7.5 billion capital increase in 2018 to boost lending capacity

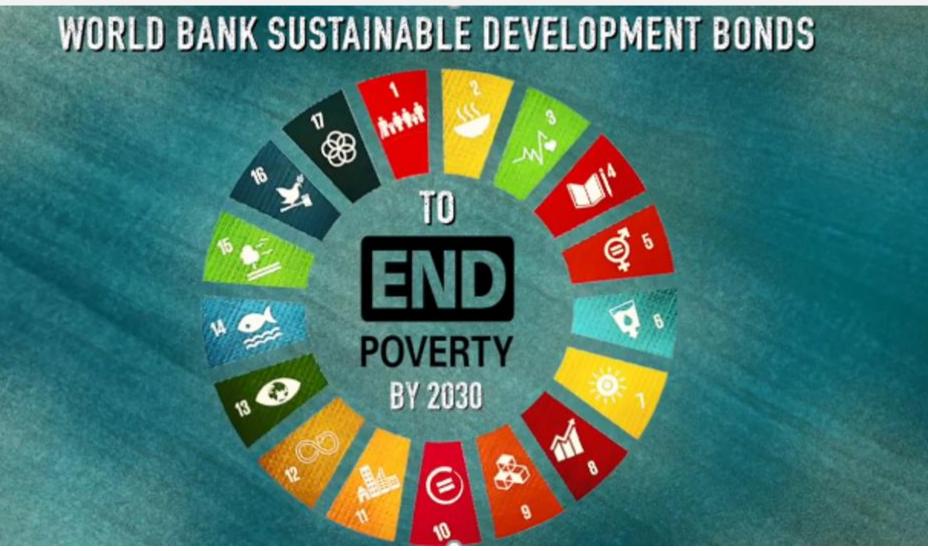


#### **Substantial Liquidity**

- Target liquidity level represents 12 months coverage (US\$ 66 billion for FY20)
- Actual liquidity exceeds target (US\$ 79 billion)
- AAA/AA rated fixed income portfolio with 3-month average maturity

## WHY INVEST? DEVELOPMENT MANDATE

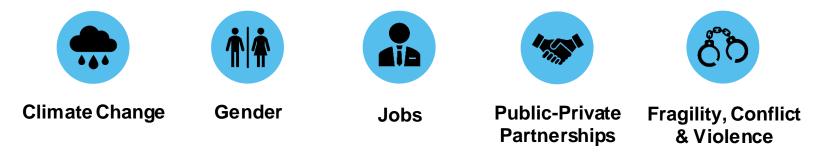
Raising Awareness for SDGs through World Bank Bonds for Sustainable Development



## WHY INVEST? DEVELOPMENT MANDATE

Use of Proceeds

IBRD integrates five (5) cross-cutting themes into its lending activities helping its borrowing members create sustainable development solutions:

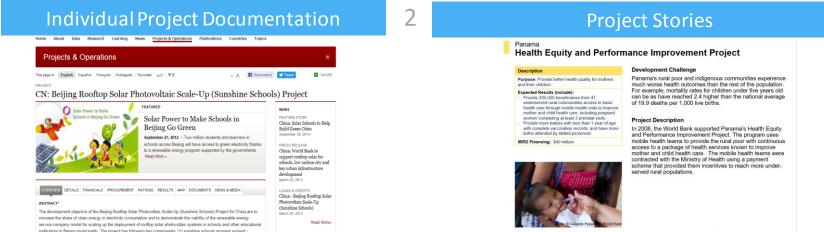


The net proceeds from the sale of the Notes will be used by IBRD to finance sustainable development projects and programs in IBRD's member countries (without being committed or earmarked for lending to, or financing of, any particular projects or programs). IBRD's financing is made available solely to middle-income and creditworthy lower-income member countries who are working in partnership with IBRD to eliminate extreme poverty and boost shared prosperity, so that they can achieve equitable and sustainable economic growth in their national economies and find sustainable solutions to pressing regional and global economic and environmental problems. Projects and programs supported by IBRD are designed to achieve a positive social impact and undergo a rigorous review and internal approval process aimed at safeguarding equitable and sustainable economic growth.

**IBRD's administrative and operating expenses are covered entirely by IBRD's various sources of revenue** (net income) consisting primarily of interest margin, equity contribution and investment income (as more fully described in the Information Statement).

#### WHY INVEST? DEVELOPMENT MANDATE

Impact Reporting



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institutions in Beijing municipality. The project has following two components: (1) sunshine schools program support installation of 100 megawatt (MW) rooftop solar. Read More-

build Green Cities
September 30, 2014
PRESS RELEASE
China: World Bank to
support rooftop solar for
chools, low carbon city and
key urban infrastructure
development
darch 20, 2013
electrace, apro
OANS & CREDITS
China - Beijing Rooftop Solar
Photovoltaic Scale-Up
Sunshine Schools)
March 20, 2013
Read More»

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#### **Comprehensive Impact Reporting**



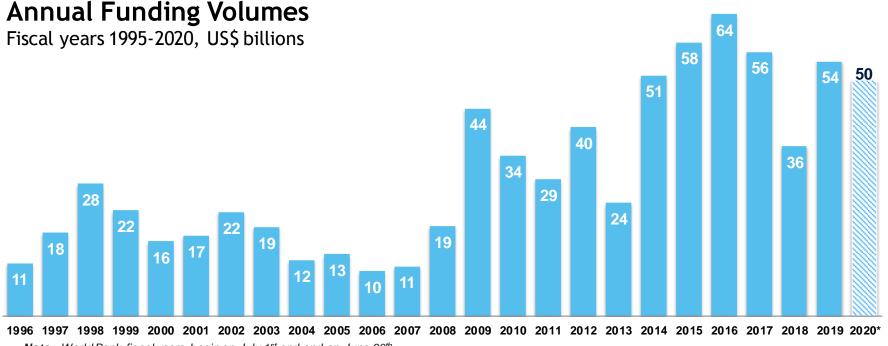
# FUNDING VOLUMES & FIXED INCOME PRODUCTS

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### **FUNDING VOLUMES**

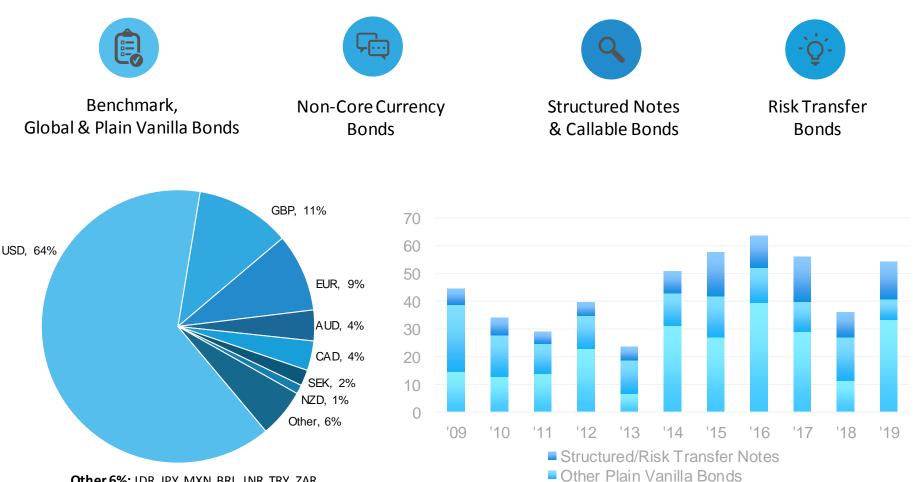
Funding volume has grown as a result of financing increased lending volumes following the global financial crises.



Note: World Bank fiscal years begin on July 1st and end on June 30th

\*Projected

#### FIXED INCOME CURRENCY & PRODUCT MIX

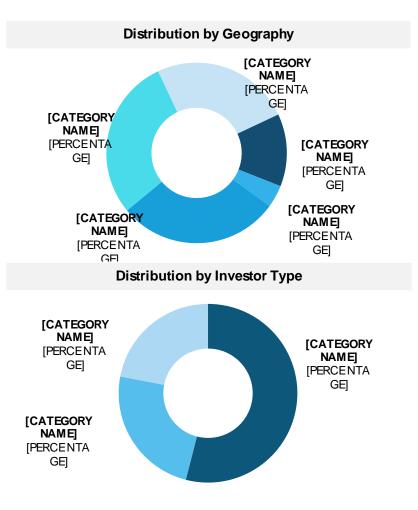


Benchmark/Global Bonds

**Other 6%:** IDR, JPY, MXN, BRL, INR, TRY, ZAR, KZT, HKD, RUB, CNY, NOK, PLN, UYU, PEN, CLP, KRW, MYR, ZMW, UAH. <u>Data as of FY19</u>

## **GLOBAL BOND EXAMPLE**

The World Bank raised a US\$5 billion 3-year global benchmark bond due 2021. It offers investors a yield of 2.832% (semi-annual), equivalent to 14.95 basis points over the 2.625% US Treasury due July 15, 2021.



#### USD 5 billion 3-year Bond

Summary Terms and Conditions		
Issuer Rating:	Aaa/AAA	
Maturity:	3-year	
Total Amount:	USD 5 billion	
Settlement Date:	7/25/2018	
Maturity Date:	7/25/2021	
Coupon:	2.75% per annum	
Coupon Payment Dates:	23 January and 23 July each year	
Issue Price:	99.766%	
Leads:	Bank of America Merrill Lynch, Citi, J.P. Morgan, Morgan Stanley	
Senior Co-Leads:	BMO, Castle Oak, Wells Fargo	
Co-Leads:	Barclays, Daiwa, BNP Paribas, Deutsche Bank, Goldman Sachs, HSBC, Mesirow, MUFG Securities, Natixis, Nomura, Royal Bank of Canada, SEB, TD Securities, Tokai Tokyo	

USD 5 billion 3-year Global Benchmark Bond GDIF100488

## **DISCOUNT NOTES**

- The World Bank offers flexible and customized short-term debt instruments through its USD Discount Notes Program using simple documentation (Offering Circular).
- Discount Notes are offered in the United States and Eurodollar markets.
- Rates for World Bank Discount Notes are posted on Bloomberg's "ADN" page under the World Bank option ("WBDN").
- Discount Notes characteristics:
  - maturities of 397 days (13 months) or less
  - aggregate face amounts of US\$50,000 and higher per maturity date
- Sold through a group of dealers consisting of:
  - Barclays Capital Inc.
  - CastleOak Securities, L.P.
  - FTN Financial Capital Markets
  - Jefferies & Company, Inc.

- J.P. Morgan Securities LLC
- Mizuho Securities USAInc.
- UBS Securities LLC
- Wells Fargo

## CALLABLE BONDS

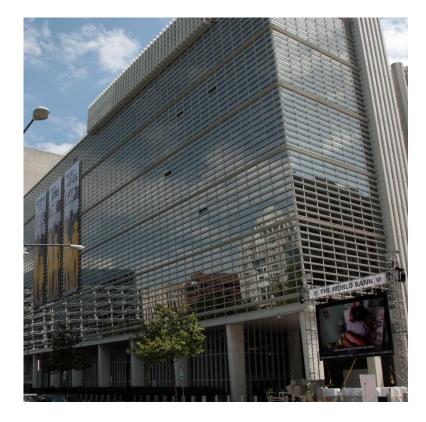
- The World Bank offers investors opportunities to take views on or hedge exposures to interest rates.
- These structures can include callable, putable, and/or triggered features.
- Callables provide good opportunity for investors looking at a potential pick-up versus plain vanilla trades.

Example: Callable Fixed Rate Note		
Principal	EUR, USD, JPY or any other major currency	
Tenor	2 years or longer	
Coupon	Fixed rate	
Early Redemption	The Issuer can early terminate the transaction at a certain date and s.a. thereafter	
Redeems	100% of Notional	

#### Flexible Structuring

- Minimum call period can vary from 3 months up to 10, 15, or even 20 years, depending on investor preferences
- Bermudan or European options
- Flexible Coupon Types include:
  - Fixed and FRNs (capped/floored)
  - Step-up
  - Zero
  - Fixed-to-Float
  - CMS spread
  - Range accruals
  - Reverse floaters
- Tenors: Minimum final maturity is 2 years and can go up to 40 years, embedding European or Bermudan calls and puts

## **BUYBACK PROGRAM**



- World Bank buys back its own bonds through dealers
- Program is designed to offer backstop liquidity to investors and covers vanilla and structured IBRD notes, as well as benchmarks
- Repurchased notes are retired from the market
- Operational for over two decades, including during the 2008-2009 financial crisis, with average volumes of approximately US\$1.5-2 billion annually over the last few years
- Confidential execution as requested

#### WORLD BANK GREEN BONDS

Creating the Blueprint for Sustainability Across Capital Markets



- The World Bank issued the first "green bond" in 2008
- This created the model for today's labeled bond market and has set the blueprint for sustainability across capital markets
- Raised US\$13 billion through 157 green bonds in 21 currencies
- Spearheaded disclosure impact reporting standards
- Advising member countries on green finance and green, social and sustainability bond issuance

## SUSTAINABLE DEVELOPMENT BONDS

Raising Awareness for SDGs through World Bank Bonds for Sustainable Development



Responsible Consumption and Production (SDG 12 & 2) is a pillar of Folksam's sustainability strategy and key to corporate measures to improve resource efficiency by reducing food loss and waste. Over USD 500 million.



#### Women and Girls' Empowerment (SDG 5)

Empowering women and girls is one of the most effective ways to accelerate economic development, reduce poverty and build sustainable societies. **Approx. USD 1 billion.** 



Health and Nutrition of Women, Children and Adolescents (SDG 3 & 5) The World Bank and the Global Financing Facility are partnering to reduce the borrowing costs of countries investing in improving outcomes for women and children. Approx. USD 1 billion.



Sustainable Cities (SDG 11) A collaboration with Swedish investors highlights projects that are helping to build sustainable cities amid unprecedented urban growth, including for improvements in water supply and sanitation, waste management, transportation infrastructure and services, energy supply, and address challenges from climate change. SEK 2.5 billion.



Water and Oceans (SDG 6 & 14) The <u>bonds</u> raise awareness for the World Bank's strategic focus on conservation and sustainable use of fresh and salt water resources and highlight the marine plastics crisis. Over USD 2 billion equivalent through 20+ transactions in 10 currencies.



Green Bonds (SDGs 6, 7, 11, 13, 14 & 15) to support mitigation and adaptation activities. Over USD 13 billion equivalent through 155 transactions in 21 currencies.

## WORLD BANK BOND TRANSACTIONS

Use of Proceeds Language

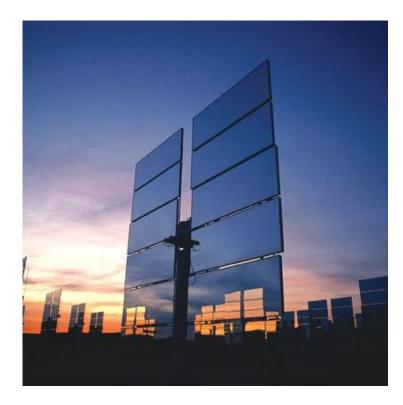
IBRD integrates five (5) cross-cutting themes into its lending activities helping its borrowing members create sustainable development solutions:



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## WORLD BANK SUMMARY



- Purpose: to end extreme poverty and promote shared prosperity.
- Sustainable investment opportunities that fund its development activities.
- AAA/Aaa rating based on financial strength and backing of 189 member countries.
- Broad range of products, currencies, maturities
- Alignment with ESG and sustainable investment strategies.

# ANNEX | CREDIT DETAILS

## **BALANCE SHEET STRUCTURE**

Key Balance Sheet Items (As of June 30, 2019 in billions US\$)



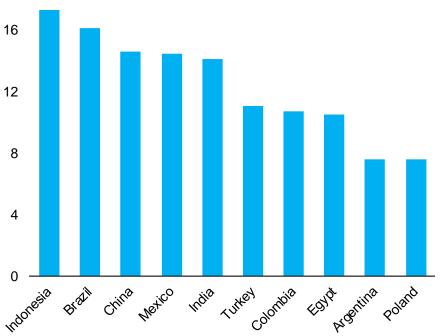
- (a) Net of accumulated loan loss provision and deferred loan income
- (b) Investments and due from banks; of this amount, the liquidity portfolio is US\$79 billion
- (c) Mostly swap payables and receivables; swaps used for hedging purposes .

QUALITY LOAN PORTFOLIO	DIVERSIFIED SHAREHOLDER	PRUDENT RISK	SUBSTANTIAL
	BASE	MANAGEMENT	LIQUIDITY

- Global diversification.
- Lending only to **sovereign or sovereign**guaranteed projects.
- Borrowing clients are also shareholders; increased incentive to repay.
- **Preferred creditor status** borrowing clients prioritize financial obligations to the World Bank – recognized by rating agencies and financial market participants.
- Policy of freezing additional lending if payments not on time.
- **Concentration limits** for individual countries.
- Overall credit quality borrowers has improved over last few years; almost all of the largest borrowers have an investment grade rating.

#### **Top 10 Country Exposures for IBRD**

(as of June 30, 2019, US\$ billions)



Note: For FY19, the new Single Borrower Limit (SBL) is \$21 billion for highly creditworthy countries below the Graduation Discussion Income (GDI) and \$19.5 billion for highly creditworthy countries above the GDI. As of July 1, 2019, the GDI threshold was \$6,975.

QUALITY LOAN PORTFOLIO	DIVERSIFIED SHAREHOLDER	PRUDENT RISK	SUBSTANTIAL
	BASE	MANAGEMENT	LIQUIDITY

#### **Shareholder Support**

 IBRD bonds are supported by the strength of its balance sheet and support of its 189 sovereign shareholders

#### **Callable Capital**

- The World Bank's financial policies are designed to minimize the need for a call on capital and key management tools like the Equity-to-Loans ratio targets do not take callable capital into account
- No call has ever been made on a callable capital
- Callable capital can only be called to satisfy debt full amount of their callable capital subscription regardless of others' ability to fulfill their obligations

#### **Largest Shareholders**

#### Percentage of total subscription as of June 30, 2019

- United States, 15.68%
- Japan, 7.88%
- China, 4.37%
- Germany, 3.96%
- France, 3.71%
- United Kingdom, 3.71%

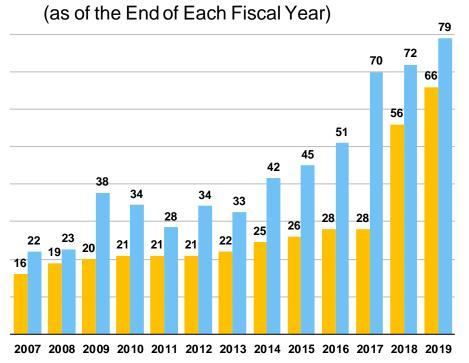
Total Subscribed Capital US\$ billions (as of June 30, 2018)	
Paid-in Capital	US\$17.0
Callable Capital	US\$262.9
Subscribed Capital	US\$279.9

QUALITY LOAN PORTFOLIO	DIVERSIFIED SHAREHOLDER BASE	-	PRUDENT RISK MANAGEMEN	-		TANTIAL JIDITY
<ul> <li>Conservative financial policies designed to minimize the need for a call on capital.</li> <li>IBRD's Articles of Agreement limit the total outstanding amount of direct loans and guarantees made by IBRD to subscribed capital, reserves, and surplus (the 'statutory lending limit').</li> </ul>		Maximum "Gearing Ratio" of 1:1 (US\$ billions) 100%			Statutory lending limit:	
<ul><li>statutory lending limit</li><li>Key risk managemen</li></ul>	8.5 billion – 64.2% of the of \$309 billion. t indicators such as o (22.8% as of June 30, n callable capital to k-bearing capacity.	64.2%	\$198.5 Outstanding Loans and Guarantees <sup>(a)</sup>		\$262.9 \$29.1	Callable Capital Reserves & Surplus
				34	\$17	Paid-In Capital

QUALITY LOAN PORTFOLIO	DIVERSIFIED SHAREHOLDER	<b>PRUDENT RISK</b>	SUBSTANTIAL
	BASE	MANAGEMENT	LIQUIDITY

- The **Target Liquidity Level** represents twelve months coverage as calculated at the beginning of every fiscal year.
- Actual liquidity exceeds estimated liquidity requirement to provide **financial flexibility** in the timing of new debt issuance while meeting obligations.
  - The FY 2020 the Target Liquidity Level has been set at US\$66 billion.
- Portfolio is **conservatively managed** against strict guidelines. Eligible investments are highly rated fixed income securities rated AA- or better for governments and agencies, and AAA for corporates and ABS.





# **CONTACT US**

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#### **Pricing Sources**

Bloomberg	IBRD <govt> <go> or IBRD <go></go></go></govt>
Discount Notes	WBDN <go></go>

## THE WORLD BANK IBRD

The Fine Print



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- Consult with Advisors. Investors considering purchasing an IBRD security should consult their own financial and legal advisors for information about such security, the risks and investment considerations arising from an investment in such security, the appropriate tools to analyze such investment, and the suitability of such investment to each investor's particular circumstances.
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**CONNECTING CAPITAL MARKETS TO DEVELOPMENT**