

Investor Presentation

October 2018











Overview of NDB



Organizing Principles and Distinguishing Features



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Who We Are

- NDB is a Multilateral Development Bank established by BRICS countries to mobilise resources for infrastructure and sustainable development projects
- The membership is open to members of the United Nations

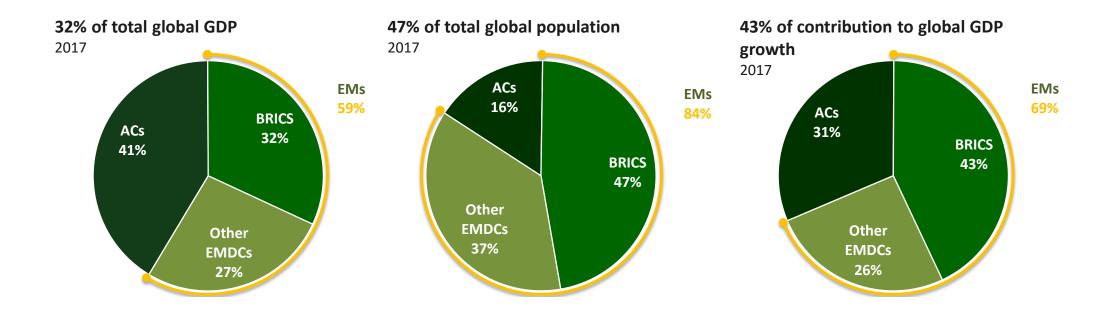
High Capitalisation	 High level of initial authorized capital of US\$100bn with initial subscribed capital of US\$50bn and paid- in capital of US\$10bn places NDB amongst the largest MDBs globally Equal capital contribution and voting power amongst the five founding members
Credit Strengths	 AA+ long-term international credit rating with stable outlook Conservative risk management and financial policies Sound governance structure, led by a highly experienced management team
Flexibility	 Support of public and private projects through loans, guarantees, equity participation and other financial instruments
Improving Efficiency	 NDB aims to structure, negotiate, review, and approve loans within a period of 6 months without compromising on risk management standards and credit quality
Driving Innovation	- Support the development of financial markets in member states, provide financing in both local and hard currencies and apply country systems after examining their reliability

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Uniquely Positioned Multilateral Lender

Considerable contributions of BRICS to the world economy and growing need for infrastructure investments



Note: ACs stands for Advanced Countries and EMDCs stands for Emerging and Developing Countries according to the Country Classifications of IMF The GDP shares are based on the purchasing-power-parity valuation of economies' GDP Source: IMF WEO, IMF COFER



Policy Mandate Represents a Concrete Avenue for BRICS Cooperation

Brazil 1 st chairperson of the Board of Directors	Russia 1 st chairperson of the Board of Governors	India 1 st president of the Bank	China Headquartered in Shanghai, China	South Africa 1 st regional center established in Johannesburg
NDB is a real example of BRICS's capacity for realization; the countries all have the same posture and the same importance	We view positively the activities of the Council ¹ to implement joint multilateral projects. It is necessary to conduct these activities in close cooperation with the NDB	The bank is made up of bloc members that have complementary skills and strengths to promote the use of renewable and solar energy	The BRICS bloc is a task force that gets things done, while seeking to promote the Brics-Plus approach to build an open and diversified network of development partners	One of the most important achievements of the first decade of BRICS was the establishment of the NDB, which fills a critical gap in project funding
President Michel Temer August 29, 2017	President Vladimir Putin July 26, 2018	Prime Minister Narendra Modi September 4, 2017	President Xi Jinping September 3, 2017	President Cyril Ramaphosa July 25, 2018



Existing cooperative framework

Arrangement (CRA) BRICS annual summit Economic Partnership Cooperation Mecha		BRICS Interban Cooperation Mecha	Strategy for BRICS Economic Partnership	BRICS annual summit	BRICS Contingent Reserve Arrangement (CRA)
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Key Milestones

Founding Documents	 Articles of Agreement signed in Fortaleza in July 2014 and entered into force in July 2015 Headquarters Agreement with China and the MoU with the Shanghai Municipal People's Government signed in February 2016 Key governance, operational and risk policies and procedures established covering all functional areas
Ratings	 AA+ international credit rating with a stable outlook received from S&P Global Ratings and Fitch Ratings AAA China domestic rating received from two leading Chinese rating agencies, China Chengxin International Credit Rating Co., Ltd. and China Lianhe Credit Rating Co., Ltd.
Projects	 26 projects in all member countries for a total approved lending amount of more than US\$6.5bn Project Preparation Fund contribution agreements signed with China, Russia and India
Borrowings/ Capital	 1st Green Bond issued in China in July 2016 US\$4.4bn of Paid-in Capital has been contributed
Strategy	- General Strategy for 2017-2021 approved
artnerships	 Partnerships established with key global and national institutions, including EBRD, EIB, AIIB, EDB, IIB, CAF, the World Bank Group, ADB, etc.
Expansion	 First Regional Center opened in Johannesburg, South Africa Terms, Conditions and Procedures for the Admission of New Member Countries approved



Credit Strengths – International Credit Rating

S&P Global Ratings

AA+ Stable Outlook

Long-Term Issuer Credit Rating

A-1+_{Stable Outlook}

Short-Term issuer Credit Rating

Rating Drivers

- Strong business profile and extremely strong financial profile
- Extraordinary shareholder support
- Sound and prudent risk management policies
- Robust and solid capitalization and ample liquidity
- Senior Management has wide experience in MDBs with balanced and capable of delivering on NDB's mandate

Fitch Ratings

AA+ Stable Outlook

Long-Term Issuer Default Rating

Short-Term Issuer Default Rating

- Excellent capitalization endowed with subscribed paid-in capital
- Low risk profile and strong risk management, reflecting the bank's selfimposed prudential rules
- Very strong level of aggregated expertise and seniority of the bank's management team
- Strong preferred creditor status
- Strong shareholders' commitment to provide support to the bank



China Chengxin International Credit Rating

AAA Stable Outlook

Local Currency Issuer Rating

China Lianhe Credit Rating



Long-Term Local Currency Issuer Rating

Rating Drivers

- Strong shareholder support and timely contribution of paid-in capital
- Sound management, governance standards, and prudent risk management framework
- Clear development strategy
- High quality of the loan portfolio and very low risk of default
- Significant amount of paid-in capital and strong ability of fund raising
- Rapid growth guaranteed by robust demand for financing of infrastructure and sustainable development projects in member countries



Benchmarking to Peer Group

Strong capitalisation and high liquidity metrics in line with other AAA rated MDBs

	NDB	AIIB	ADB	AfDB ¹	EBRD ²	EIB ²	IBRD	IFC
Credit Rating ³	AA+	AAA	AAA	AAA	AAA	AAA	AAA	AAA
Total Assets (US\$ billion)	S IO	\$19	\$182	\$46	\$68	\$660	\$406	\$92
Liquidity ⁴	41%	55%	21%	39%	44%	7%	18%	50%
Leverage ⁵	4%	0%	72%	77%	71%	91%	90%	73%
Total Shareholders Equity (excluding callable capital, US\$ billion)		\$19	\$50	\$10	\$19	\$85	\$40	\$25
Total Subscribed Capital (US\$ billion)		\$95	\$151	\$93	\$36	\$292	\$253	\$3
Paid-in-capital as % of total subscribed capital	1110/2	20%	5%	8%	21%	9%	6%	100%
Net income ⁶ (US\$ million)		\$112	\$31,522 ⁶	\$245	\$713	\$3,311	\$260	\$1,523

Source: Annual Audited Financial Statements of each institution as at 31 December 2017, except for IFC and IBRD, where Annual Audited Financial Statements as of 30 June 2017 were used

1. Figures for AfDB were translated into US\$ using a year-end exchange rate of 1UA=\$1.42 and an average exchange rate for 2017 of 1UA=\$1.39

2. Figures for EIB and EBRD were translated into US\$ using a year-end exchange rate of 1EUR=\$1.201 and an average exchange rate for 2017 of 1EUR=\$1.18

3. S&P Long-Term Issuer Credit Rating of each institution

4. Liquidity = Liquid Assets / Total Assets

5. Leverage = Total Liabilities / (Total Liabilities + Shareholders' Equity (excluding callable capital)

6. Figures for AIIB and NDB represent operating profit. Figures for IBRD and IFC represent net income before transfers to IDA. Figures for ADB represent one-time income transfer from ADF assets of US\$30,748mn

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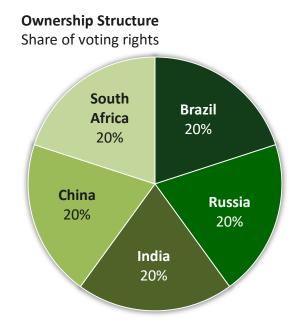


Governance and Management



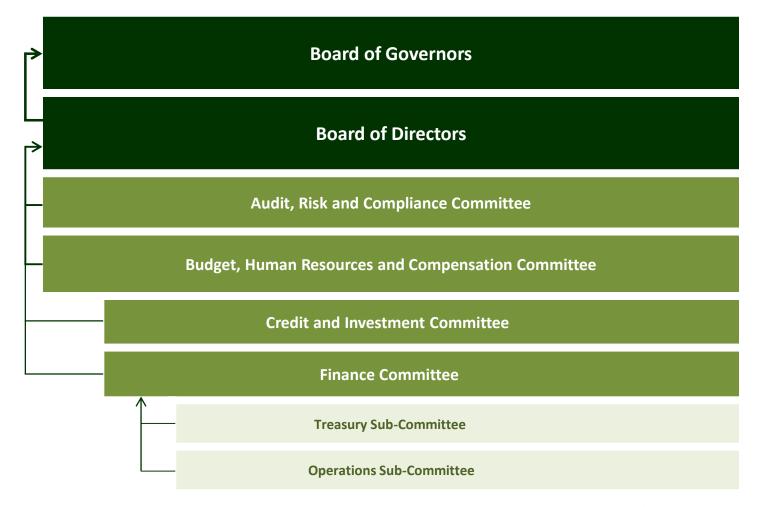
Strong Shareholder Support and Long-Term Commitment

- One of the highest ratios of paid-in capital to subscribed capital (20%) and one of the highest committed amongst all MDBs
- High commitment of member countries to NDB represent their vested interest in the institution and a greater propensity to support NDB in times of distress
- Equal voting power amongst founding shareholders
- No member holds veto power
- Preferential treatment in member countries with extensive immunities, privileges and exemptions





Governance Structure





Highly Experienced Management Team



President & Board Member

Mr. K.V. Kamath

- Over 40 years of banking experience in Project Finance, Venture Capital and Credit
- Prior roles include Chairman of ICICI Bank and Infosys Limited, Board member, Schlumberger Ltd.
- 8+ years at Asian Development Bank's Private Sector Department
- Recipient of Padma Bhushan, one of India's highest civilian honors
- Internationally recognised business leader CNBC's Asian Business Leader of the year (2001), Businessman of the Year (Forbes Asia, 2007), Business Leader of the Year (Economic Times, 2007)
- President of the Confederation of Indian Industry (2008-09) and Co-Chair of World Economic Forum Annual meeting in Davos



VP Chief Financial Officer Mr. Leslie Maasdorp

- 25+ years of Public and Private Sector experience
- Prior roles as Managing Director and President of Bank of Merrill Lynch for Southern Africa, Vice Chairman of Barclays Capital and Absa Capital
- Served in several senior leadership roles in the Government of South Africa
- Served as International Advisor to Goldman Sachs International
- Young Global leader of the World Economic Forum



VP Chief Operations Officer *Mr. Xian Zhu*

- Extensive experience (16y+) at World Bank and ADB
- Prior roles as Strategy and Operations director at the World Bank for South Asia, responsible for South Asia Region's overall operations and portfolio management and Senior Advisor, Infrastructure Department, ADB
- Worked in various capacities in the Ministry of Finance, China
- Recipient of the Heinz Fellowship

 25+ years of public sector experience, including senior positions at Brazil's Ministry of External Relations

Sarquis

VP

Chief Risk Officer

Mr. Sarquis J. B.

- Extensive experience in working with multilateral organizations, including OECD, IMF, World Bank, WTO and UN
- Holds PhD and MSC in Economics (London School of Economics)
- Recipient of the Gilbert de Botton Award in Finance Research



VP Chief Administrative Officer *Mr. Vladimir Kazbekov*

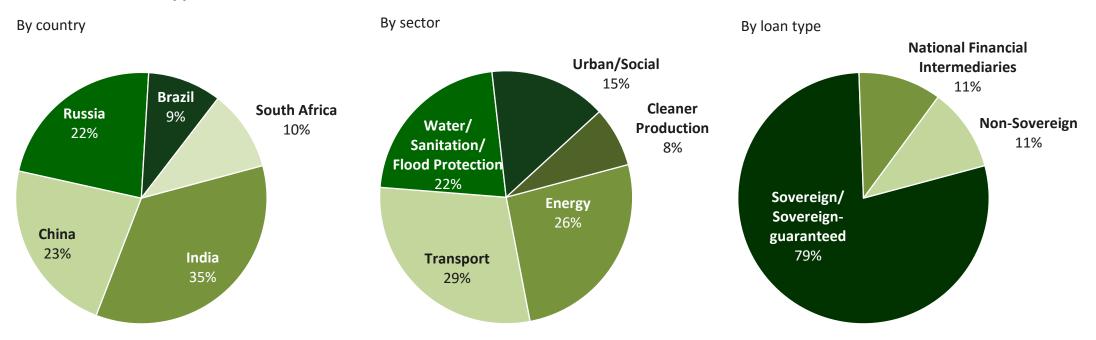
- Extensive experience in the public sector and in the field of development finance
- Served in several senior roles in the Russian Ministry of Foreign Affairs and Presidential Executive Office
- Worked in executive position for the Russian National Development Bank (Vnesheconombank) for 15 years and greatly contributed to the development of BRICS Interbank cooperation mechanism

Lending Activities



Support for Infrastructure and Sustainable Development

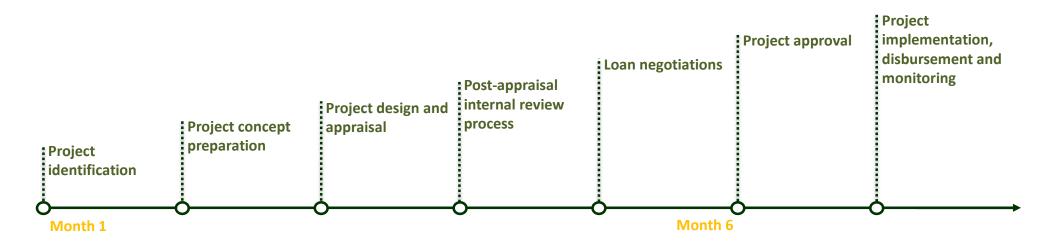






Rigorous Project Appraisal

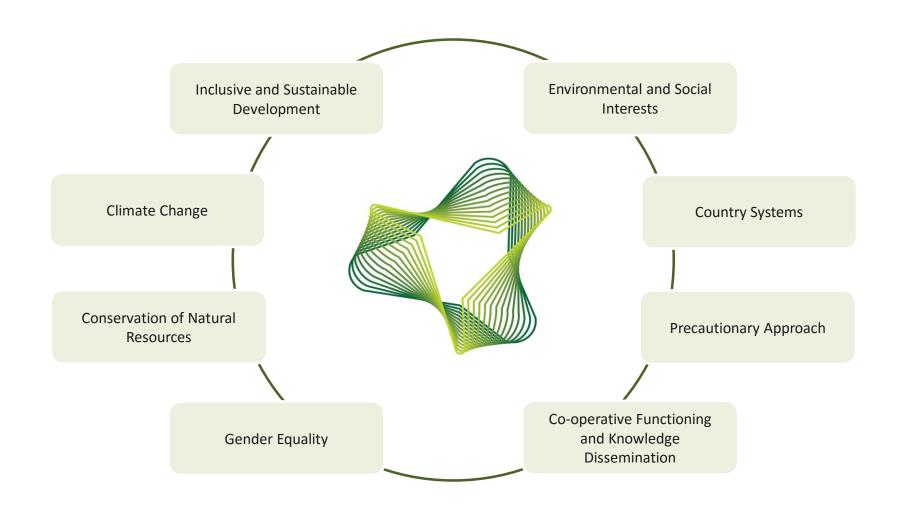
NDB aims to structure, negotiate, review and approve loans within a period of 6 months without compromising on its risk management standards and credit quality



- Environmental, social and developmental analysis
- Thorough screening and approval requirements
- Credit risk analysis and appraisal
- Screening/review from legal perspective
- Compliance, environmental, anti-money laundering and counter terrorism management checks



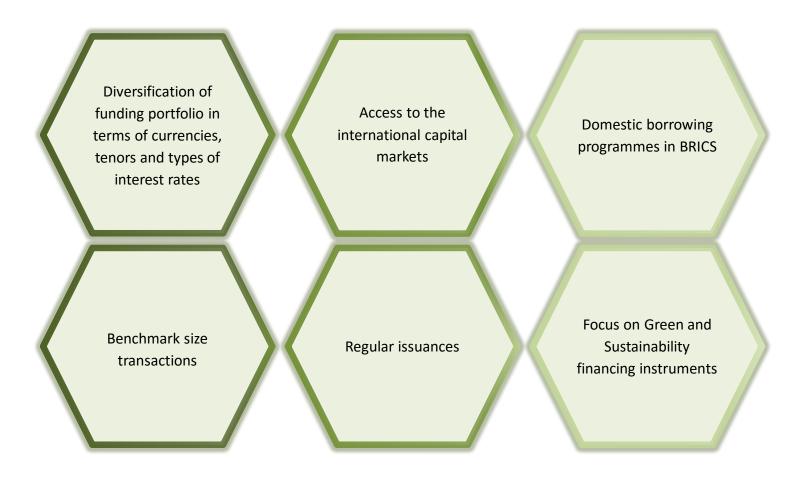
Environmental and Social Framework Underpins NDB's Operations



Borrowing Activities



Funding Strategy





Highlights of the Inaugural Green Bond Issuance

Issue Date	July 18 th , 2016
Amount	CNY3bn
Issuer Ratings	AAA (China Domestic Rating)
Issue Format	Public Offering
Tenor	5-year
Coupon	3.07%

- Rated AAA by leading domestic rating agencies in China
- Final order-book was more than 3x oversubscribed
- More than 30 investors participated in the bidding process
- The proceeds are used for "Green" infrastructure and sustainable development projects
- Independent third-party certification agency (EY) provided assurance to confirm that the bond meets the criteria of Green Bond Principles and the Green Bond regulations in China* to be qualified as "Green"





Financial Summary



Key Financial Metrics

Statement of Comprehensive Income (US\$ million)	1 Jan 2018 – 30 Jun 2018 🛛	1 Jan 2017 - 31 Dec 2017	3 Jul 2015 - 31 Dec 2016	
Net interest income	47.1	49.8	22.3	
Net fee income ¹	0.1			In keeping to NDB's operating
Net gains/(losses) on financial instruments ²	3.5	1.3	2.5	principles as a lean organisation
Staff costs and other operating expenses ³	(16.5)	(26.0)	(18.0)	administrative expenses are
Impairment provisions	(10.3)	(0)	(18.0)	expected to kept low
Foreign exchange gains / (losses)	(1.5)	5.8		
Operating profit	<u> </u>	<u> </u>	(2.4) 4.4	
Statement of Financial Position (US\$ million)	As at 30 Jun 2018	As at 31 Dec 2017	4.4 As at 31 Dec 2016	
	As at 30 Jun 2018	As at 31 Dec 2017	As at 31 Dec 2016	
Assets	120.2	1 010 0	247.0	Credit exposure arising from
Cash and cash equivalents	130.3	1,019.9	347.8	investments due from banks are
Due from banks other than cash and cash equivalents	4,203.1	3,212.4	2,284.9	rated at senior investment grade
Derivative financial assets	3.5	-		
Loans and advances	225.9	23.9	-	
Paid-in capital receivables	5,684.8	5,933.4	7,401.0	
Other assets ⁴	64.2	34.6	20.0	
Total assets	10,311.9	10,224.1	10,053.7	
Liabilities				
Derivative financial liabilities	0.1	3.3	44.0	Financial liabilities relates to
Financial liabilities ⁵	455.0	449.4	403.1	NDB's five-year RMB green bond
Other liabilities	5.3	2.8	1.2	
Total liabilities	460.4	455.5	448.3	Total capital contributions
Equity				received and paid-in capita
Paid-in capital	10,000.0	10,000.0	10,000.0	receivables due
Other reserves	(215.2)	(266.7)	(399.0)	•
Retained earnings	66.6	35.3	4.4	Difference between the present
Total equity	9,851.5	9,768.6	9,605.4	value and the nominal value or
Total equity and liabilities	10,311.9	10,224.1	10,053.7	outstanding paid-in capital

Source: NDB Audited IFRS Financial Statements as at the end of 2016 and 2017, NDB Unaudited Financial Statements for 3 months ended 31 March 2018. Note: Figures may not add up due to rounding

1. Net fee income, including other operating income

2. Net gains/(losses) on financial instruments at fair value through profit or loss

3. Staff costs and other operating expenses, including other income

4. Other assets, including property and equipment and intangible assets

5. Financial liabilities designated at fair value through profit or loss

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Annexure



Loans Approved in 2016

Country	Borrower	Туре	Loan Amount	Purpose	Loan currency
Brazil 📀	BNDES, Brazil's national bank for economic and social development	Loan to NFI	US\$300mn	To support renewable energy and transmission projects. A diversified set of sub-projects in solar, wind, hydropower and other areas with additional capacity of 600 MW will be financed by BNDES on an on-lending basis	US\$
Russia	Eurasian Development Bank and International Investment Bank	Loan to NFI	US\$100mn	Construction of small hydroelectric power plants in Karelia with total capacity of 49.8 MW	US\$
India	Canara Bank	Sovereign- guaranteed financing	US\$250mn	On-lending to renewable energy projects in solar and wind energy, hydropower and other areas with a total capacity of 500 MW of clean energy	US\$
	Government of India	Sovereign financing	US\$350mn	To upgrade approximately 1,500km of major district roads in Madhya Pradesh	US\$
China *	Government of China	Sovereign financing	US\$81mn (CNY525mn)	To support a distributed solar power project in the Lingang Industrial Area. In this flagship development zone, rooftop solar power installations will have a total capacity of 100 MW	CNY
	Government of China	Sovereign financing	US\$298mn (CNY2bn)	To generate 873 million kWh of electricity in the Pinghai Bay in Putian, Fujian Province	CNY
South Africa	Eskom Holdings	Sovereign- guaranteed financing	US\$180mn	Financing grid connection infrastructure for renewable energy projects	US\$

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Loans Approved in 2017

Country	Borrower	Туре	Loan Amount	Purpose	Loan currency
Russia	Government of the Russian Federation	Sovereign financing	US\$460mn	Development of infrastructure and implementation of information technology systems of the judicial system in Russia	US\$
	Government of the Russian Federation	Sovereign financing	US\$68.8mn	Construction of a toll transport corridor connecting the Ufa city center to the M-5 federal highway	US\$
India 🛛 💿	Government of India	Sovereign financing	US\$470mn	On-lending to the Government of Madhya Pradesh for developing the rural drinking water supply scheme in the state of Madhya Pradesh	US\$
	Government of India	Sovereign financing	US\$345mn	On-lending to the Government of Rajasthan for rehabilitating the Indira Gandhi canal system	US\$
China 📩	Government of China	Sovereign financing	US\$300mn (CNY2bn)	To enhance flood control, and improve water quality in Hunan province's Xiang River watershed.	CNY
	Government of China	Sovereign financing	US\$200mn	To promote energy conservation, resources recycling and pollutants reduction through technology upgrade.	US\$



Loans Approved in 2018 1/2

Country	Borrower	Туре	Loan Amount	Purpose	Loan currency
	The Government of the State of Pará	Sovereign- guaranteed financing	US\$50mn	Construction of urban roads and drainage, sanitation and telecommunication in small urban cities in 29 municipalities of the State of Pará	US\$
Brazil 📀	The Government of the State of Maranhão	Sovereign- guaranteed financing	US\$71mn	Improvement and reconstruction of 143 km of the MA-006 Maranhão State highway	US\$
	Petroleo Brasileiro S.A (Petrobras)	Non- Sovereign financing	US\$200mn	Upgrading of the infrastructure of 2 existing refineries with the objective of reducing harmful emissions and preventing water and soil contamination	US\$
Russia	Government of the Russian Federation	Sovereign financing	US\$320mn	Modernization and construction of integrated water supply and sanitation systems along the Volga river to combat water pollution	US\$
Russia	Government of the Russian Federation	Sovereign financing	US\$220mn	Tourism infrastructure development with a focus on the preservation of cultural heritage and development of urban infrastructure of 9 historic cities of national significance	US\$
India 🛛 💿	Government of India	Sovereign financing	US\$350mn	Construction and upgrading of rural roads with a total length of 4,000 km, spread across 26 districts in the state of Bihar, and benefiting approximately 3,400 places of habitation	US\$
China 📩	Government of China	Sovereign financing	US\$300mn	Sustainable infrastructure development in 7 small cities in Chongqing Municipality, to improve the living conditions of local residents	US\$
South Africa	Transnet SOC Ltd. (Transnet)	Non- Sovereign financing	US\$200mn	To enhance the capacity of port in Durban, through rehabilitating of container terminal berths and upgrading of port infrastructure to provide additional slots for larger vessels	US\$



Loans Approved in 2018 2/2

Country	Borrower	Туре	Loan Amount	Purpose	Loan currency
Russia	SIBUR Holding, PJSC	Non- Sovereign financing	US\$300mn	Environmentally sustainable infrastructure development including water treatment facilities, transport and logistics infrastructure	US\$
lu dia	Government of India	Sovereign financing	US\$175mn	Construction and upgrading of about 350 bridges in Madhya Pradesh State, to realize the full benefits of upgrading the State Highways and Major Districts Roads	US\$
India	Government of India	Sovereign financing	US\$350mn	On-lending to the State Government of Madhya Pradesh for rehabilitating Major District Roads with a total length of about 2,000 km	US\$
China *	Government of China	Sovereign financing	US\$300mn	Construction of the first urban rail line in the city of Luoyang stretching 22 km along 18 stations	US\$
South Africa	The Development Bank of Southern Africa ("DBSA")	Loan to NFI	US\$300mn	Loan to a NFI for on-lending to sustainable development projects within the energy sector in South Africa that contribute to the reduction in CO_2 emissions, improvement of energy sector mix and robustness, as well as to the increase of energy efficiency	US\$



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