



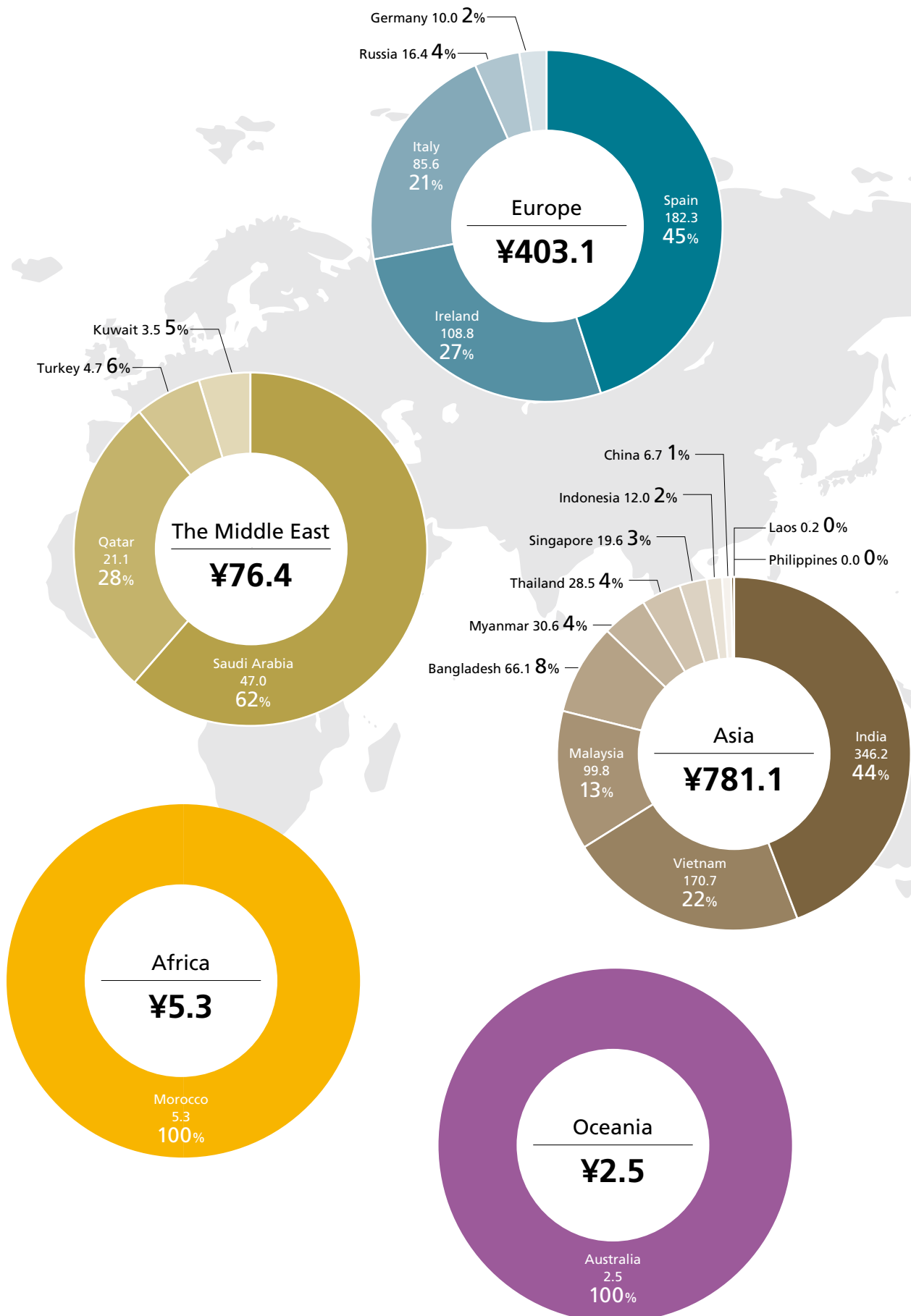
3. Examples of Business Outcomes in FY2019

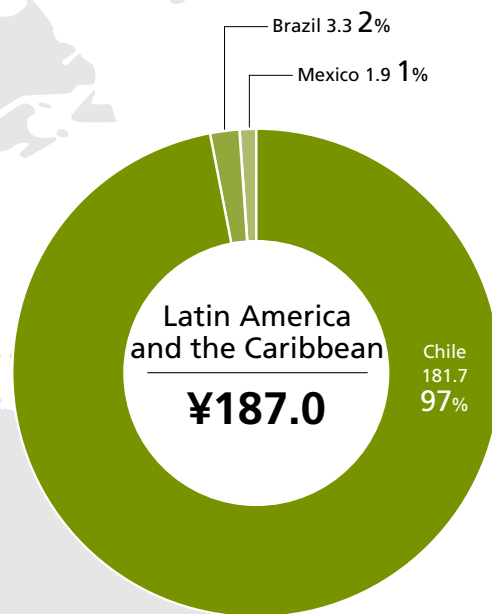
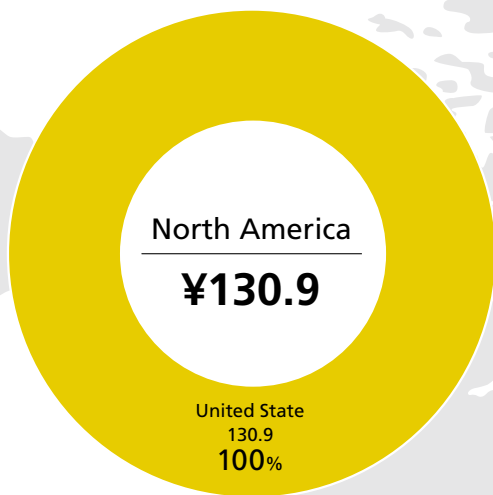
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1. Overview of Business Outcomes by Region

Geographical Distribution of Loan and Equity Participation Commitments

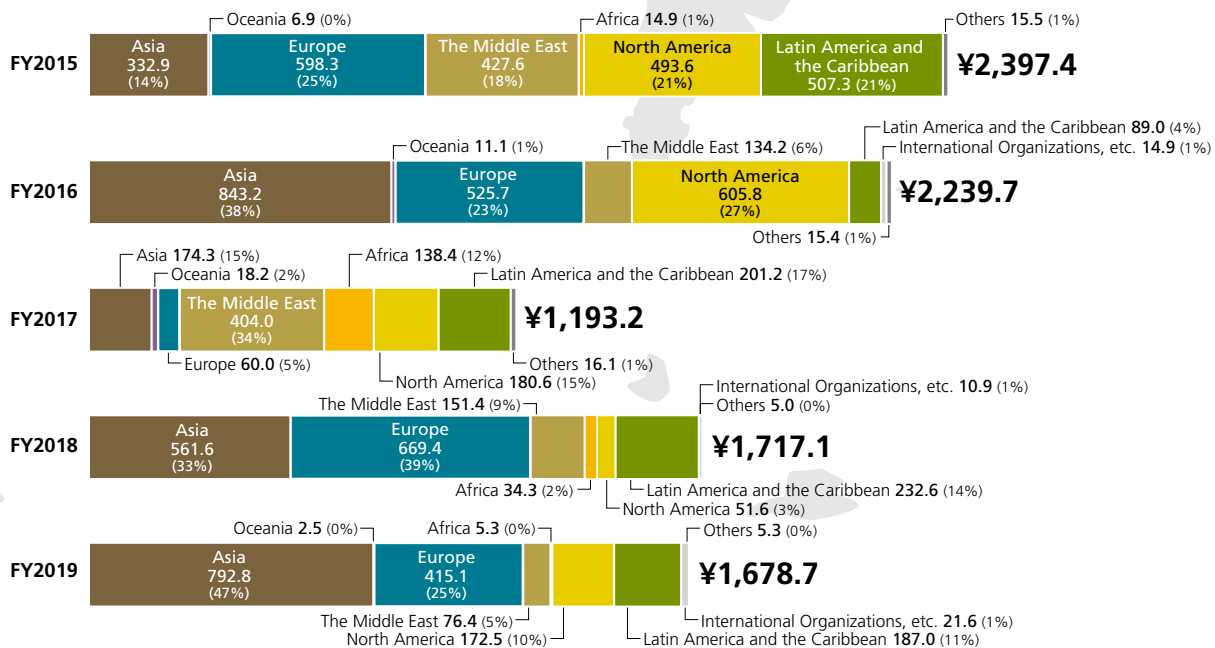
(FY2019; unit: billions of yen)





Transition in Composition of Commitments by Region (Loans, Equity Participations, and Guarantees) over the Last 5 Years

(Unit: billions of yen)



2. Examples of Business Outcomes by Region

Asia



China

Loan for Manufacturing and Sales of Plastic Compounds

Supporting overseas business expansion of Japanese chemical manufacturer through local currency loan

JBIC concluded a loan agreement with Asahi Kasei Plastics (Changshu) Co., Ltd. (APCS), a Chinese subsidiary of Asahi Kasei Corporation. APCS use the loan to construct a new plant in Changshu, Jiangsu Province, China for manufacturing and sales of plastic compounds¹ mainly used for automobile components.

As the use of electric vehicles increases, and stricter environmental regulations apply, the demand for plastic compounds, to reduce vehicle weight, improve cruising distance and lower CO₂ emissions, is expected to grow.

Asahi Kasei has plastic compounds manufacturing and sales facilities in Asia including China as well as in Europe and America. The company has decided to construct a new plant in Changshu as part of an ongoing effort to enhance its respond to the demands of customers in China and to maintain and increase its market share. This Chinese yuan denominated loan supports the overseas expansion of Asahi Kasei.



Bangladesh

Buyer's Credit for Bangladesh Chemical Industries Corporation

Supporting export of fertilizer plant-related facilities by Japanese company

JBIC concluded a loan agreement for buyer's credit (export finance)² with Bangladesh Chemical Industries Corporation (BCIC), a state-run entity of Bangladesh. BCIC will build a new fertilizer plant on the existing Ghorasal fertilizer plant site in the Narsingdi district, Dhaka city in the northeast of Bangladesh. The loan is intended to provide the funds for BCIC to purchase from Mitsubishi Heavy Industries, Ltd. a complete set of the equipment for the plant.

Agriculture is an important industry for Bangladesh, and there is strong demand for fertilizer. This loan supports the export of the fertilizer plant-related facility which is the largest in capacity for Bangladesh. The project will contribute to an increase in the domestic production of ammonia and urea, which are important to the agricultural sector.



Thailand

QI-ESG³ Project

Project Financing for Gulf PD Natural Gas-Fired Combined Cycle Power Plant Project

Supporting Japanese company's participation in IPP project

JBIC concluded a loan agreement with Gulf PD Company Limited (GPD) of Thailand, in which Mitsui & Co., Ltd. holds an equity stake. JBIC provides project financing⁴ for a Gulf PD Natural Gas-Fired Combined Cycle Power Plant Project in Thailand.

In this project, GPD will construct, own, and operate a 2,500MW Natural Gas-Fired Combined Cycle Power Plant located in Rojana Industrial Park, Rayong Province, in the east of Thailand. The electricity produced by the plant will be sold to the Electricity Generating Authority of Thailand for a period of 25 years.

According to the power development plan of the government of Thailand, the country's demand for electricity is projected to grow by an annual average of approximately 3.1% until 2037, and this project is considered to be a part of the major base load. The project is also significant for Japanese firms operating in Thailand, from the point of view of ensuring a stable supply of electricity. As such, the project will not only contribute to infrastructure development in Thailand, but also contribute broadly to overseas economic activities of Japanese firms.



1. Compounds are combined with additives, such as glass fibers or flame retardants, to match the needs of the product for which they will be used.
2. Buyer's credit is a loan JBIC extends directly to a foreign importer (buyer) to finance the import of machinery and equipment or others from a Japanese company.
3. "Global Facility to Promote Quality Infrastructure Investment for Environmental Preservation and Sustainable Growth (QI-ESG)" was launched in July 2018. It aimed at providing a wide range of financing support for infrastructure development to help preserve the global environment. In January 2020, QI-ESG was revised and incorporated into "Growth Investment Facility/Window for the Development of Quality Infrastructure for Environmental Preservation and Sustainable Growth (QI-ESG Window)" (see page 83).
4. Project finance is a financing scheme in which repayments for a loan are made solely from the cash flows generated by the project.



Singapore

Equity Participation in AGP International Holdings Pte. Ltd. in Singapore

Supporting Japanese companies' overseas business expansion

JBIC concluded a shareholders' agreement together with Osaka Gas Co., Ltd. (Osaka Gas)⁵ for a joint investment in AGP International Holdings Pte. Ltd. (AG&P) in Singapore.

As an engineering and construction company, AG&P has globally expanded its modular construction business for the petrochemicals, mining, power, oil & gas, and LNG sectors. Since 2015, the company has been making equity investments into small- and medium-scale LNG terminals as well as in city gas distribution projects, predominantly in India, thereby making a foray into midstream and downstream businesses related to LNG.

Osaka Gas intends to gain a foothold and further expand its overseas business by participating in new LNG terminal and city gas projects in Southeast Asia and by promoting cooperation with AG&P. The investment by JBIC supports overseas business deployment of Osaka Gas and will contribute to the expansion of the LNG market in Asia.



Indonesia

QI-ESG Project

Loan for Manufacturing and Sales of Acrylic Acid by Japanese Company

Supporting overseas business expansion of Japanese chemical industry

JBIC concluded a loan agreement with PT. NIPPON SHOKUBAI INDONESIA (NSI), an Indonesian subsidiary of NIPPON SHOKUBAI CO., LTD (NIPPON SHOKUBAI). This loan is intended to finance the increase of production capacity and the optimization of existing equipment for NSI's acrylic acid manufacturing and sales business in Cilegon, Banten province, located in the western part of the island of Java, Indonesia.

Acrylic acid is used as a key material of superabsorbent polymer (SAP), which is primarily used in disposable diapers and sanitary products, as well as acrylate (AES), which is used in adhesives, paint and others. Demand for acrylic acid, AES, and SAP is forecasted to greatly increase in the Asia region. NIPPON SHOKUBAI will increase the production capacity of acrylic acid and optimize energy use within the plant by making use of the waste heat from the acrylic acid manufacturing process.

This loan supports overseas expansion of NIPPON SHOKUBAI and will contribute to the preservation of the global environment through the effective use of waste heat and more efficient use of energy by upgrading equipment.



India

Growth Investment Facility Project

Loan for Acquisition of Essar Steel India Limited by Nippon Steel Corporation

Supporting overseas M&A of Japanese company in the steel industry

JBIC concluded a loan agreement to finance part of the funds required for Nippon Steel Corporation (Nippon Steel), in partnership with ArcelorMittal S.A. of Luxembourg (AM), to acquire Essar Steel India Limited (Essar⁶).

The steel market in India is expected to make steady growth along with its economic and population growth, and localization of production of steel products is progressing. Essar, or renamed ArcelorMittal Nippon Steel India Limited (AM/NS India) is the fourth largest steel company in India, with an integrated steel mill⁷ in western India, an area strong in steel demand. Nippon Steel will work with AM to revitalize and expand the business of AM/NS India and intends to capture growing steel demand in India in the mid- to long-term as a member of India's steel industry.

This loan supports overseas expansion of existing business as well as new business deployment of the Japanese company by providing long-term foreign currency funds necessary for its overseas M&A activities.



(Photo provided by AM/NS India)

5. Osaka Gas will invest through its subsidiary.

6. Essar changed its corporate name to ArcelorMittal Nippon Steel India Limited after the acquisition was completed on December 16, 2019.

7. In this steel mill, manufacturing of pig iron from iron ore, steel making, rolling and processing are conducted in an integrated manner.

Asia



Malaysia

Buyer's Credit for RAPID Project

Supporting export to Malaysia by Japanese company through project finance

JBIC concluded a project finance based buyer's credit agreement with Pengerang Refining Company Sdn. Bhd. (PRC) of Malaysia.

The purpose of this project is to provide financing to PRC, which is indirectly invested in, via wholly owned subsidiaries, by Petroliaam Nasional Berhad (PETRONAS), the state-owned petroleum company in Malaysia, and Saudi Arabian Oil Company (Saudi Aramco), the state-owned national oil company in Saudi Arabia. PRC plans to construct and operate an integrated complex (RAPID) in Pengerang, a municipality in the southeastern region of the state of Johor in Malaysia. It will be the largest complex of its type in Malaysia, housing a refinery with a daily refining capacity of 300,000 barrels and ethylene, propylene, and other petrochemical plants. The loan will be used by PRC to purchase a steam cracker facility¹ from Toyo Engineering Corporation.

This project will contribute to the creation of business opportunities for Japanese companies in the field of petroleum refining and petrochemicals in Malaysia and is in line with the economic and industrial policies of the governments of Malaysia and Saudi Arabia.



Myanmar

Growth Investment Facility Project

Loan for Mixed Use Development Project by Japanese Company

Supporting overseas business development of Japanese company

JBIC concluded a loan agreement with Kajima Myanmar Holding Pte. Ltd. (KMH) in Singapore, which is invested in by Kajima Corporation (Kajima) together with the Japan Overseas Infrastructure Investment Corporation for Transport & Urban Development (JOIN). This loan is intended to finance the real estate complex development and operation project by Kajima Yankin PPP Co., Ltd. (KYP), a subsidiary of KMH in Myanmar. The project, consisting of a hotel, long-term stay hotels, offices, and commercial facilities, is planned in Yankin Township, Yangon, Myanmar.

Identifying "increase of profitability in the real estate business" as one of the key pillars of its strategies, Kajima promotes real estate development in line with the needs of each overseas market. This project supports overseas infrastructure business development utilizing technologies and know-how owned by the Japanese company. It will also incorporate a Building Energy Management System (BEMS) which is installed in the most modern buildings in Japan, thereby contributing to global environment preservation through the efficient use of energy.



ASEAN Region

Additional Investment in Fund Investing in Microfinance Institutions in ASEAN and Other Countries

Enhancement of international competitiveness of Japanese companies and promotion of women's social empowerment

JBIC concluded an agreement for additional investment in the Japan ASEAN Women Empowerment Fund (the Fund), which is managed by BlueOrchard Finance Ltd. and invests in microfinance² institutions (MFIs) in ASEAN and other countries. The Fund was launched in 2016 to support female entrepreneurs in those countries and has supported approximately 290,000 female micro entrepreneurs by financing 30 MFIs across seven countries. In September 2016, JBIC signed an agreement to invest in the Fund along with Sumitomo Life Insurance Company (Sumitomo Life Insurance) and other Japanese institutional investors and this time will make additional investment in the Fund.

Sumitomo Life Insurance has an interest in the field of microfinance and actively pursues ESG investment and financing. Through the investment in the Fund, Sumitomo Life Insurance expects to obtain the relevant knowledge and information.

In addition, JBIC participated in "The G7 2X Challenge: Financing for Women³," an initiative aiming to contribute to the promotion of women's social empowerment. This investment is in line with the goal of this initiative.



1. A steam cracker complex is a facility to produce chemical compounds such as ethylene, from naphtha.

2. Microfinance is a small-scale financial service for low-income earners.

3. An initiative announced by development finance institutions (DFIs) of the G7 (The Group of Seven) at the G7 Summit held on June 9, 2018 in Charlevoix, Canada. Under the initiative, DFIs will mobilize their own funds as well as private capital for supporting businesses, corporations and funds that contribute to the social empowerment for women.

Oceania



Australia

Loan for Abra Lead Mine Development Project

Supporting Japanese company's long-term and stable procurement of lead concentrate

JBIC concluded a loan agreement with Toho Zinc Co., Ltd. (Toho Zinc) for the development of the Abra lead mine, located in the state of Western Australia, Australia. The loan is intended to provide long-term capital necessary for the development of the Abra lead mine. Development will be undertaken by CBH Resources Limited, an Australian subsidiary of Toho Zinc, through investment in Abra Mining Pty Limited (AMPL), also in Australia.

Toho Zinc will own 40% interest in AMPL, offtake the equivalent proportion of lead concentrate produced, which it plans to supply to refineries in Japan.

Lead, which is used in automobile batteries including electric car batteries, is an indispensable metal resource for Japan. Since Japan relies solely on imports for lead concentrates, it is significant to secure a long-term, stable supply of lead resources. This project supports the additional development of a lead mine in which Japanese companies hold interests and, as such, is in line with the Japanese government's policies.



Europe



Ireland

Loan for SMBC Aviation Capital Limited, Aircraft Leasing Company

Supporting overseas business expansion of Japanese aircraft leasing industry

JBIC concluded a loan agreement with SMBC Aviation Capital Limited (SMBCAC) of Ireland, which is invested in by Sumitomo Mitsui Finance and Leasing Co., Ltd. and Sumitomo Mitsui Banking Corporation. The loan is intended to provide the funds for SMBCAC to procure aircrafts up to March 2024.

As of October 2019, SMBCAC is ranked the fifth largest aircraft leasing company in the world, based on the number of aircraft it owns and manages. SMBCAC aims to secure a competitive edge in the aircraft leasing industry by further expanding the number of aircraft it owns and manages, to capture future aircraft demand. This loan financially supports the overseas expansion of SMBCAC.



MOU for Business Cooperation with the EBRD

Strengthening cooperation related to the promotion of environmental preservation and innovations

JBIC concluded a memorandum of understanding (MOU) with the European Bank for Reconstruction and Development (EBRD) to fortify cooperation between the both parties, including the promotion of the global environmental preservation and innovations.

JBIC has been enhancing initiatives in the environmental sector under its Global Facility to Promote Quality Infrastructure Investment for Environmental Preservation and Sustainable Growth (QI-ESG) established in July 2018. The EBRD also aims to increase the percentage of its Green Investment over the total commitment amount to 40% in FY 2020. The bank has a long track record in supporting environmental investments and providing technical assistance mainly in Central and Eastern Europe, Central Asia, and North Africa. By signing this MOU, JBIC will further strengthen the pursuit of co-financing for global environmental preservation in these regions.

As Japan's policy-based financial institution, JBIC will continue to actively support the creation and promotion of business opportunities for Japanese companies while closely collaborating with international financial institutions.

Middle East



Turkey

Loan for Car Logistics Terminal Operation Project in Turkey Supporting overseas expansion of logistics infrastructure business

JBIC concluded a loan agreement with OYAK NYK Ro-Ro Liman İşletmeleri A.Ş. (OYAK NYK Ro-Ro Port), a Turkish company invested in by Nippon Yusen Kabushiki Kaisha (NYK LINE) and a subsidiary of Ordu Yardımlaşma Kurumu (OYAK), one of the leading industrial groups in Turkey. The loan is intended to provide the funds necessary for OYAK NYK Ro-Ro Port to construct and operate a car logistics terminal in Körfez, Kocaeli Province.

NYK LINE, under its car marine transport division, conducts the operation of terminals as well as marine vessel logistics all over the world. Turkey is attracting attention globally as a base for the manufacture and export of automobiles, and is forecasted to greatly increase in automobile manufacturing. Amidst these developments, this loan will support the construction and operation of a car logistics terminal. It will also contribute to the overseas expansion of NYK LINE's terminal operation business through collaborating with the company's marine vessel logistics business.



Qatar

QI-ESG Project

Project Financing for Facility D Natural Gas-Fired Power Generation and Desalination Project Supporting Japanese company's participation in overseas IWPP project

JBIC concluded a project financing loan agreement with Umm Al Houl Power (UHP) of Qatar for an expansion project for the Facility D Natural Gas-Fired Power Generation and Desalination Project.

UHP was established by Mitsubishi Corporation (MC) and JERA Corporation (JERA), together with Qatar Petroleum, Qatar Electricity & Water Company Q.P.S.C. and Qatar Foundation for Education, Science and Community Development. It owns a natural gas-fired combined cycle power and desalination plant in the south of Doha, the capital of Qatar. This project will construct an additional desalination plant, which will be operated on an integrated basis with the existing plant and sell the water produced to Qatar General Electricity and Water Corporation for a period of 25 years after the completion of construction.

In Qatar, the demand for water is trending upward reflecting the country's economic growth. Given such circumstance the project is expected to play an important role as a major water supplier for the country.



United Arab Emirates

Export Credit Line to Dar Alhai Trading FZE of Dubai Supporting export of construction and other machinery by Japanese companies

JBIC concluded a loan agreement with Dar Alhai Trading FZE (DAHT) of Dubai, in UAE for providing an export credit line¹. This loan provides DAHT with the funds to purchase construction and other machinery from Japanese companies.

DAHT is a private company that imports, sells, and leases automobiles, construction machinery, and other goods. DAHT has been purchasing construction machinery from Japanese companies and intends to continue to make such purchases moving forward. This loan is to support the sales of construction machinery to DAHT by Japanese companies. This is the first loan to a private company in the Emirate of Dubai to be financed by JBIC.



1. An export credit line is a form of export credit in which JBIC makes a commitment for the maximum amount of credit to be extended to foreign banks or other entities to finance the export of machinery and equipment from Japan.

Africa



Morocco

QI-ESG Project and JBIC Facility for African Investment and Trade Enhancement (FAITH 3) Project

Project Financing for Taza Onshore Wind Power Generation Project

Supporting Japanese company's participation in renewable energy power generation business in Africa

JBIC concluded a project financing loan agreement with Moroccan company Parc Eolien de Taza SA (PETS), established jointly by Mitsui & Co., Ltd. and EDF Renouvelables of France, for the Taza onshore wind power generation project in Morocco. For this project, PETS will construct, own, and operate an onshore wind power generation plant in Taza in the northern area of Morocco. PETS will sell the generated electricity to Morocco's public electricity and water company for 20 years following the completion of construction. This is JBIC's first financing for a renewable energy project in Morocco.

Morocco is aiming to raise the ratio of renewable energy to 52% of total capacity generated by 2030, and this project is in line with this energy policy. Also, through supporting the renewable energy business in Africa where Japanese companies have limited business experience, this loan will contribute to maintaining and enhancing the international competitiveness of Japanese companies in this field.



African Region

FAITH 3 Project

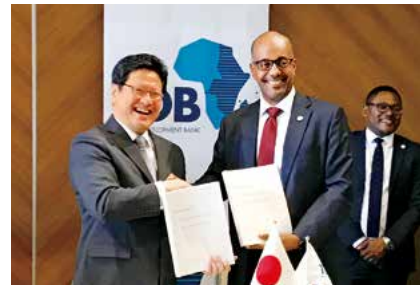
Export Credit Lines for Regional Development Financial Institutions in Africa

Supporting export of machinery and equipment by Japanese companies

JBIC concluded a general agreement for providing an export credit line with the Eastern and Southern African Trade and Development Bank (TDB). The credit line is intended to provide business entities in 22 countries mainly in Sub-Saharan Africa, through TDB, with funds necessary for the import of machinery and equipment from Japanese companies and their overseas affiliates.

JBIC also concluded a general agreement for providing an export credit line with the African Export-Import Bank (Afreximbank). The credit line is extended, via Afreximbank, to business entities in its 51 member countries in Africa to also provide funds necessary for the import of machinery and equipment from Japanese companies and their overseas affiliates.

Demand for machinery and equipment, which are needed for economic development, is expected to continue to expand in Africa. In light of this, these credit lines are being set up to financially support the efforts of Japanese companies and their overseas affiliates to expand exports to this region. It is also expected to help further strengthening the economic relationship between Japan and Africa.



North America



United States

Signing Statement of Mutual Cooperation with the State of Texas of the U.S.

Supporting diverse business development of Japanese companies in the State of Texas

JBIC signed a Statement of Mutual Cooperation (the Statement) with the Texas Office of the Governor, the State of Texas of the U.S. (the State of Texas). The Statement aims to strengthen the cooperative relationship between JBIC and the State of Texas for the purpose of further promoting business development through investments by Japanese companies in a wide range of areas, including energy, mobility, digital connectivity, resilience, and the water industry.

The State of Texas comprised of a large economic zone which has the second largest population and second highest GDP in the U.S. Going forward, Japanese companies are expected to actively carry out further business development there, owing in part to the state's outstanding business environment, such as its large market and tax benefits, and its geographical location which facilitates access to other areas in the U.S. and markets in Latin America. A number of Japanese companies have developed their business in the State of Texas, and to date, JBIC has provided support for natural resource development and other projects carried out by these Japanese companies. By establishing a cooperative relationship with the State of Texas to encourage business collaboration in a wide range of areas, including in new fields, such as energy efficiency, alternative energy, mobility, and resilience. This is expected to further promote Japanese companies to engage in a wide and diverse range of business activities in the State of Texas.



Latin America



Chile

Project Financing for Quebrada Blanca Phase 2 Project Supporting Japan's long-term and stable procurement of copper concentrates

JBIC concluded a project financing loan agreement with Compañía Minera Teck Quebrada Blanca S.A. (CMTQB) of Chile to finance expansion of the Quebrada Blanca copper mine. JBIC also concluded a loan agreement with Sumitomo Metal Mining Co., Ltd. (SMM) and with Sumitomo Corporation (SC), respectively.

The purpose of these loans is to provide long-term finance necessary for the development of the Quebrada Blanca Phase 2 project in Tarapaca (Region I), Chile. The project is being undertaken by CMTQB, a company invested in by Teck Resources Limited of Canada, SMM, SC and Empresa Nacional de Minería (ENAMI) of Chile.

Copper is an essential metal for Japanese industries. Since Japan relies solely on imports for copper concentrates, it is an urgent challenge to secure a long-term, stable supply of copper resources. This project supports the additional development of the copper mine in which Japanese companies hold interests and will help to secure a long-term, stable supply of copper concentrates.



Brazil

Loan for Freight Railway Project Supporting overseas expansion of logistics infrastructure business

JBIC concluded a loan agreement with VLI Multimodal S.A. (VLI Multimodal) of Brazil. This loan is provided to VLI Multimodal, a subsidiary of VLI S.A. (VLI), for financing the update of facilities on existing freight railway routes. VLI is jointly invested in by Mitsui & Co., Ltd. and Vale S.A. (Vale) of Brazil and operates freight railway transportation business in the country.

In Brazil, freight railway network plays an important role in the transport of general cargo such as grain, fertilizer, iron raw materials and steel products. This project will increase the carrying capacity on the freight railway routes for which VLI holds the operational rights. In addition to leading to improvements in logistics costs in Brazil, this project will contribute to maintaining and strengthening the international competitiveness of Japanese companies in the logistics infrastructure business.



3. Examples of Business Outcomes Relating to Support for Mid-tier Enterprises and SMEs

JBIC supports mid-tier enterprises and SMEs in a wide range of industries with their overseas business deployment.

China

KATATA ELECTRIC CO., LTD. (Shiga Prefecture)

Printed Circuit Boards Manufacturing and Sales Business

KATATA ELECTRIC is engaged in the manufacture and sale of printed circuit boards (PCBs) for home electric appliances and industrial and office automation (OA) equipment. In 2005, it established KATATA ELECTRIC (KUNSHAN) CO., LTD. (KEK) in Jiangsu, China, as a manufacturing base to promote business expansion in the country. By increasing KEK's production capacity, KATATA ELECTRIC aims to improve the quality and increase the production efficiency of PCBs. JBIC provided to KEK with the funds necessary to expand its PCB production capacity.



Indonesia

Growth Investment Facility Project

SHINWA PACKAGE CO., LTD. (Hyogo Prefecture)

Manufacturing and Sales Business of Transport Boxes for Container Transport

SHINWA PACKAGE is engaged in the manufacture and sale of steel transport boxes used to transport automobiles, construction machinery, industrial equipment and semiconductors and has already been undertaking business overseas, in Thailand and Indonesia. JBIC provided Indonesian rupiah-denominated loan to its subsidiary in Indonesia, PT. SHINWA PACKAGE INDONESIA (SPI), to increase its production capacity. SHINWA PACKAGE seeks to increase market share in Indonesia through the capital investment in SPI.



Indonesia

Growth Investment Facility Project

SHINKO KOGYO CO., LTD. (Okayama Prefecture)

Automotive Parts Manufacturing and Sales Business

SHINKO KOGYO is engaged in the manufacture and sale of a range of automotive parts from propeller shafts to transmissions. JBIC provided Indonesian rupiah-denominated loan to its subsidiary in Indonesia, PT. Shinko Kogyo Indonesia (PT. SKI), which are necessary for its automotive parts manufacturing and sales business. By expanding PT. SKI's production capacity, SHINKO KOGYO seeks to increase market share in Indonesia, where economy is growing.



Indonesia

Growth Investment Facility Project

Toyo Corporation (Aichi Prefecture)

Sales and Processing Business of Tools and Machines

Toyo is engaged in the wholesale, processing and polishing of tools and machines. It established PT. Precision Tools Service Indonesia (PTSI) in 2011 in Indonesia for securing a sales base locally. Toyo aims to further expand its sales and processing business in Indonesia where demand for tools and machines is expected to expand in line with the country's economic growth. JBIC provided to Toyo funds necessary for PTSI's business.



Laos**MISUZU Co., Ltd. (Shiga Prefecture)****Electric Conductors Manufacturing and Sales Business**

MISUZU is engaged in the manufacture and sale of various electric conductors widely used in household appliances, solar panels, robots, gastrocameras and endoscopes. The MISUZU Group decided to increase the production capacity of MISUZU Lao Co., Ltd. (MS-LAO) in Laos in order to increase share in the ASEAN market. JBIC provided loan to MISUZU to expand MS-LAO's production capacity and production volume.

**Philippines****Biotech Japan Corporation (Niigata Prefecture)****Packaged Cooked Rice Manufacturing and Sales Business**

Biotech Japan (BTJ) is engaged in the manufacturing and sales of low-protein food (rice and bread), utilizing its lactic acid bacteria fermentation technology. In the Philippines, where rice is a dietary staple, there is a growing demand for packaged cooked rice, especially in urban areas. Furthermore, increasing attention has been drawn towards low-protein rice as a solution for lifestyle-related diseases. Based on its original fermentation and maturation technology, BTJ has developed a low-protein long grain rice and established Biotech JP Corp. (BTJP) in the Philippines. JBIC provided a loan to BTJP to construct a new production plant.

**Thailand****YAMATO CO., LTD. (Iwate Prefecture)****Restaurant Operation and Meat Processing Business**

YAMATO is engaged in the operation of "Yakiniku Reimen Yamato" barbecue restaurants, located mainly in Iwate and Miyagi Prefecture. It has established YAMATO (THAILAND) CO., LTD. (YMT) in Thailand, where Japanese food is popular in urban areas. YMT aims to expand its restaurant business, using ingredients produced in Japan, as well as expanding its meat business targeting local restaurants in Thailand. JBIC provided a loan to YMT to fund the expansion of its refrigeration-related facilities for the development of its business in Thailand. This is the first loan to support the overseas business development of a mid-tier enterprise/SME headquartered in Iwate Prefecture for JBIC.

**Thailand****Growth Investment Facility Project****Hakuzo Medical Corporation (Osaka Prefecture)****Manufacturing and Sales Business of Medical Tools and Hygiene Materials**

Hakuzo Medical is engaged in the manufacture and sale of medical tools and hygiene materials. It established Hakuzo Medical Asia Co., Ltd. (HMAC) in 2018 in Thailand to increase market share in Southeast Asian countries where economic growth is pushing up medical needs. JBIC provided to Hakuzo Medical funds necessary for HMAC to carry out the manufacturing and sales business of medical tools and sanitary materials. These funds were used to construct a plant in Thailand.



Vietnam**Yonezawa Kikai KK (Osaka Prefecture)****Manufacturing and Sales Business of Metal Furniture Parts**

Yonezawa Kikai is engaged in the manufacture and sale of metal furniture parts, such as shelves, cabinets and stainless wagons mainly used in pharmacies and medical institutions. It has established a local subsidiary in Vietnam, YONEZAWA TOOL MFG. VIETNAM CO., LTD. (YTV), to advance into the ASEAN market where continued growth is expected. JBIC provided loan to Yonezawa Kikai for YTV to carry out the manufacturing and sales business of metal furniture parts.

**Vietnam****Nissei Technology Corporation (Hyogo Prefecture)****Manufacturing and Sales Business of Optical and Precision Components**

Nissei Technology is engaged in the manufacture and sale of optical products and precision plastic products and is recently focusing on plastic lenses for smartphones. It established NISSEI TECHNOLOGY (VIETNAM) LTD. (NTV) in 2006 in Vietnam with the aim of expanding its business in the country and other countries in Asia. JBIC provided loan to NTV to construct a plant and to expand its production facilities.

**Vietnam****Nihon Kolmar Holdings Co., Ltd. (Osaka Prefecture)****Cosmetics Contract Manufacturing Business**

Nihon Kolmar Holdings is mainly engaged in the manufacture of cosmetics under ODM/OEM*. With demand for cosmetics expected to grow in Southeast Asian countries, it established KOLMAR VIETNAM CO., LTD. (KVCL) in 2018 in Vietnam in seeking to obtain ODM and OEM orders from cosmetics manufacturers making a foray into these countries. JBIC provided loan to KVCL to construct a new cosmetics plant.

*Original design manufacturing (ODM) is a business model in which a company plans, designs and manufactures a product and then supplies the product to a client company. In original equipment manufacturing (OEM), a company commissions production of a product for a client company based on detailed charts and technical instruction given by such client company.

**India****MIYAMA ELECTRIC CO., LTD. (Tokyo)****Automotive Parts Manufacturing and Sales Business**

MIYAMA ELECTRIC is engaged in the manufacture and sale of automotive parts, including switches for automobile interior lighting. In 2019, it established MIYAMA ELECTRIC INDIA PRIVATE LIMITED (MEIP) in India, seeking to acquire a business base overseas. On the back of the growing automobiles market in India with the country's economic growth, MIYAMA ELECTRIC aims to expand its business through MEIP. JBIC provided to MIYAMA ELECTRIC funds necessary for MEIP to construct a new plant in India.



India**TAKEI CO., LTD. (Ibaraki Prefecture)****Precast Concrete Products Manufacturing and Sales Business**

TAKEI is engaged in the manufacturing and sales of precast concrete products. In 2019, Japan Axis Investment Co., Ltd. (JAI), which is invested in by TAKEI, established Fuji Infrastructure Technologies Private Limited (FIT) in India. TAKEI intends to expand its business in India through FIT, anticipating the growth in demand for precast concrete products driven by the rising infrastructure demand in the country. JBIC provided a loan to JAI for FIT to construct a new plant and carry out their precast concrete products manufacturing and sales business.

Mexico**Nukabe Corporation (Gunma Prefecture)****Manufacturing and Sales Business of Automotive Parts and Other Products**

Nukabe is engaged in the manufacturing and sales of automotive parts, transportation machinery and equipment. Nukabe established Nukabe Mexicana S.A. de C.V. (NKBM) in Mexico, where the production of automotive parts related to four-wheel vehicles for the North American market is expected to increase. Nukabe aims to expand its overseas production of automotive parts and other products through NKBM. JBIC provided a loan to NKBM for purchasing manufacturing equipment necessary for its manufacturing and sales business of automotive parts and other products.

**Mexico****Growth Investment Facility Project****Uchiyama Manufacturing Corp. (Okayama Prefecture)****Automotive Parts Manufacturing and Sales Business**

Uchiyama Manufacturing Corp. (UMC) is a manufacturer of industrial rubber products and is mainly engaged in the manufacture and sale of bearing seals and gaskets for automobiles. In 2018, it established UCHIYAMA MANUFACTURING DE YUCATAN S. A. DE C.V. (UMY) in Mexico with the aim of further expanding its business in the automobile market in the Americas. JBIC provided to UMC funds necessary for UMY's automotive parts manufacturing and sales business. These funds were used to construct a plant.



4. Examples of Business Outcomes Relating to Environment

Supporting Environmental Conservation and Improvement Projects

Achieving both environmental preservation and economic development is globally recognized as a common challenge for developed and developing countries. Given this awareness, there are growing expectations across the world on implementing projects which lead to environmental conservation and improvement.

Various efforts in this field are underway throughout the world, including energy-saving projects to increase energy efficiency; renewable energy projects such as solar and wind power generation; urban transportation projects such as railroads that help alleviate traffic jams

and air pollution; smart grid projects that supply electricity efficiently using IT; and eco-city projects that aim to realize environmentally sustainable cities.

Amid such developments, JBIC not only takes into consideration the environmental and social aspects of individual projects but is also committed to support environmental conservation and improvement projects, such as measures against global warming.

Loan for Manufacture and Sales of Solar Panel Sheet Glasses by Japanese Company

QI-ESG Project

JBIC concluded a loan agreement respectively with NSG Glass North America, Inc. (NSG GNA), a U.S. subsidiary of Nippon Sheet Glass Company, Ltd. (NSG), and with NSG Vietnam Glass Industries, Ltd. (VGI), a Vietnamese subsidiary of NSG. These loans are intended to finance the manufacturing and sales of transparent conductive oxide (TCO) glasses for solar panels by NSG GNA and VGI.

NSG has a long-term contract in place with First Solar, Inc. (First Solar), one of the world's leading manufacturers of thin film solar modules in the U.S. As demand for thin film solar modules is expanding globally, First Solar continues to scale up the production of its high-performance modules. Utilizing a new plant to be constructed by NSG GNA and a production line to be upgraded by VGI, NSG aims to set up a system to supply First Solar with TCO glasses that are a basic component of these solar modules.

The loans will contribute to the preservation of the global environment by ensuring the supply of the basic components that are essential for the solar power generation business.



Third Credit Line for CAF under GREEN Operations

Growth Investment Facility Project

JBIC set up a credit line with Corporación Andina de Fomento (CAF).

This credit line is intended to finance, through CAF, the necessary funds for environment-related projects such as supply of water, prevention of water pollution and maintenance and upgrade of electric power distribution networks in CAF's member countries in the Latin America and Caribbean region, as part of JBIC's GREEN operations. It is the third loan made to CAF, following the one in 2011 and the other in 2016.

CAF, whose main shareholders are its 19 member countries¹ mainly in the Latin America and Caribbean region, aims to achieve economic integration, as well as to promote economic development and trade finance in the region. JBIC has built a strong cooperative relationship with CAF over a period of more than forty years since 1975, through JBIC loans for infrastructure projects, as well as for exports of machinery and equipment to the Latin America and Caribbean region and for industrial investment and export promotion in the region. This loan, which focuses on the environmental sector, will further strengthen cooperation between the two institutions.

1. CAF's member countries: Argentina, Bolivia, Brazil, Columbia, Ecuador, Panama, Paraguay, Peru, Trinidad and Tobago, Uruguay, Venezuela, Barbados, Chile, Costa Rica, Spain, Jamaica, Mexico, Dominican Republic and Portugal (as of the end of December 2019)

Partnerships and Knowledge Sharing in the Environmental Sector

Amid growing expectations for the implementation of environment-related projects toward global environmental conservation and a low-carbon society in various parts of the world, JBIC supports Japanese overseas business deployment as well as efforts being made by foreign governments in this field, not only through financing but also by sharing information and providing knowledge

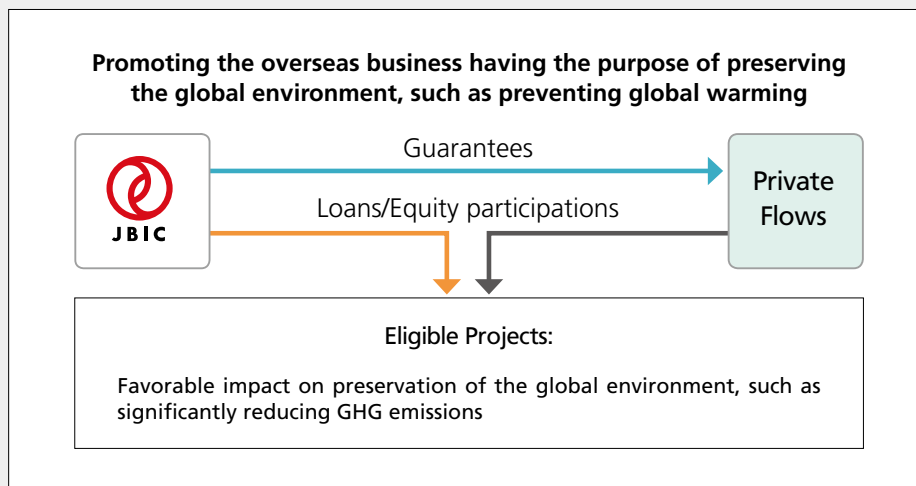
through activities such as holding seminars and participating in relevant events. JBIC also simultaneously forms close partnerships with foreign governments and government agencies, domestic prefectural and municipal governments, and other stakeholders both in Japan and abroad.

GREEN Operations

JBIC conducts environmental operations under Global action for Reconciling Economic growth and ENvironmental preservation ("GREEN"). Under GREEN operations, JBIC provides support for projects that have a high global environmental conservation effect in the form of loans, guarantees and equity participations, while mobilizing private-sector funds. GREEN's main focus has been providing support for preserving the global environment, mainly for projects that are expected to significantly reduce

GHG emissions, while paying attention to potential use of Japanese advanced technologies that are highly regarded around the world.

JBIC will promote overseas infrastructure development that contributes to preserving the global environment while widely utilizing the know-how and technologies of Japanese companies.



5. Examples of Business Outcomes Relating to Studies and Collaboration with Overseas Governmental Organizations and International Organizations

JBIC conducts research and surveys related to overseas investment and international finance. These efforts include collection and analysis of a wide range of information as well as knowledge sharing while interacting with overseas government organizations, foreign and domestic research institutes and experts in various fields.

Survey Report on Overseas Business Operations by Japanese Manufacturing Companies

JBIC conducted the 31st Survey Report on Overseas Business Operations by Japanese Manufacturing Companies. Conducted since 1989, this survey attempts to identify the strategies and challenges of Japanese manufacturing companies expanding overseas and appeals to a broad audience for its originality and continuity.



The FY2019 survey reported on regularly covered topics such as “evaluations of overseas business performance,” “overseas business prospects” and “promising countries or regions for overseas business operations.” In addition, this survey examined “influence of friction between the U.S. and China” and “overseas expansion of open innovation” as individual topics.

In the FY2019 survey, trade friction between the U.S. and China, economic slowdown in China, trouble due to Brexit, and a strained situation in the Middle East, all contributed to the uncertainty in the global situation. Overseas production ratio reached 36.8%, the highest level since the survey began. However, the proactive stance toward overseas business is not necessarily shared by all companies, with some taking more conservative views of the future outlook.

Among promising countries for overseas business for the next few years, China lost its share of the vote, and India was back to the top position for the first time in three years. At the same time, there were also signs of emergence of next prospective countries in Asian countries, particularly Vietnam and Thailand but could also be seen in the Philippines and Myanmar. China’s drop is, therefore, creating the opportunity for other Asian countries to be re-evaluated.

Approximately half of businesses responded that friction between the U.S. and China was causing a decline in profits. This confirms the impacts that this issue is creating across a broad range of industries, including automotive, chemicals, and electrical equipment & electronics. On the other hand, this survey also revealed that Japanese businesses are trying to co-exist with China and the U.S. Efforts include flexible changes to supply chains to mitigate effects of the U.S.-China conflict, as well as measures such as introducing factory automation (FA) and strengthening company data management.

JBIC publishes its survey results and widely announces

related information, such as by holding seminars in cooperation with local chambers of commerce and regional banks. JBIC also hosts explanatory meetings for Japanese chambers of commerce located overseas as well as for foreign governments, and the survey’s results have been effectively utilized in policy recommendations to foreign governments.

Collaboration with Overseas Governmental Organizations and International Organizations

JBIC hosted workshops on the gas sector in the Philippines at the Senate’s and House of Representatives’ Committee on Energy in January and February 2020, respectively. Amid concerns over the depletion of domestic natural gas reserves in the future, the Philippines is considering projects to develop liquefied natural gas (LNG) terminals and construct gas-fired power plants that use LNG from these terminals. The objectives of the workshop included: 1) confirming the economics of a gas-fired power plant and its cost competitiveness; 2) urging government officials to re-acknowledge the need for gas-fired power generation in the Philippines and 3) determining what actions the government needs to take to implement LNG receiving terminal projects. The workshops were also intended to increase opportunities for Japanese companies to participate in the LNG business in the Philippines. Participants had an animated discussion during open discussion session, asking questions about the development of a regulatory and legal framework in the gas sector in Japan, exploring the importance of gas and LNG as stable power supply in the future, and clarifying on how to prioritize energy sources in the energy policy and the structure of energy mix in power generation.

In November 2019, the City of San Antonio and Japan Business Federation Keidanren USA co-hosted a summit on disaster prevention and recovery in San Antonio, Texas. The U.S. Japanese companies with operations in the U.S. and a power utility company in San Antonio participated in the event to deliver presentations and exchange opinions on disaster prevention and recovery. JBIC gave a presentation about its financing tools and its support in the State of Texas. Texas attracts investments from a large number of Japanese companies, with its favorable investment environment, which includes a preferential taxation system, geographical advantages and developed experienced, skilled labor market. On the other hand, Texas faces the challenge of responding to natural disasters such as hurricanes. Participants from San Antonio listened closely to the presentations of the Japanese companies



Gas sector workshop in the Philippines

about their sophisticated technology and expertise with disaster prevention and recovery. A similar event was held in February 2020 in Los Angeles, California.

In May 2019, JBIC held the Japan-China Third Country Market Financing Cooperation Forum jointly with the China Development Bank (CDB). Under an MOU¹ signed by JBIC and CDB in 2018, the forum was held to discuss and pursue cooperation between Japanese and Chinese companies in third country markets. In the keynote speech, JBIC Governor MAEDA Tadashi described the past support jointly provided by JBIC, CDB and the Export-Import Bank of China for collaborative projects by Japanese and Chinese companies in third countries. He also stressed that financial support, which is in line with the global standards concerning openness, transparency, economic viability, debt sustainability and compliance with laws and regulations, of JBIC and CDB based on the MOU will benefit both Japanese and Chinese companies as well as the third countries in which the projects are being undertaken.



Panel discussion by JBIC

development of environmental infrastructure projects. JBIC signed an MOU with ADB in November 2015 to promote the quality of infrastructure investment in the Asia-Pacific region. JBIC conducts regular meetings with ADB to share its experience and know-how in the sectors of infrastructure and renewable energy, as well as to exchange views on project development in such sectors. In accordance with the MOU, JBIC provided information about various potential projects and discussed the possibility of financing such projects in collaboration with ADB during this round of meetings.

At the G20 Osaka Summit held in June 2019, the G20 leaders agreed to the "Osaka Blue Ocean Vision," which has the goal of reducing marine plastic litter pollution to zero by 2050. In order to achieve this initiative, the government of Japan presented its policy for building the capability of waste disposal management in developing countries and establishing the necessary infrastructure in such countries. In its "Free and Open Indo-Pacific Vision," the government also promotes improved connectivity between ASEAN and Indo-Pacific nations, emphasizing that collaborations with various countries in the region is becoming increasingly important.

During the said meetings, JBIC discussed with ADB about developing pilot projects that are expected to help improve the environment in island states through the introduction of Japanese technology while exchanging opinions about further cooperation in future projects.



OYA Toshio, Senior Managing Director of JBIC (left), and Michael Barrow, Director General of ADB's Private Sector Operations Department

Keynote speech by MAEDA Tadashi, Governor of JBIC

In April 2019, JBIC, the Long-Term Investors Club (LTIC) and Development Bank of Japan Inc. (DBJ) co-hosted the annual LTIC Steering Committee Meeting and the D20 Conference in Tokyo. Emphasizing importance of lending and investment activity based on a long-term perspective towards sustainable economic growth, major European development financial institutions created the LTIC in 2009, with the aim of sharing best practices among the LTIC members and promoting research about long-term lending and investment businesses. JBIC and DBJ are Japanese members of the LTIC.

The LTIC's annual Steering Committee Meeting is joined by member institutions in the country hosting the G20. They discuss the latest issues related to long-term lending and investment for stable economic growth and also seek solutions. The D20 Conference (D stands for a DFI, Development Finance Institution) takes place at the same time as the annual LTIC Steering Committee Meeting. At the Conference, participants share information about various issues related to long-term lending and investment among D20/LTIC members and exchange their opinions and views. This year's D20 Conference participants discussed financing for sustainable infrastructure development and reduction in social costs. They exchanged their opinions through keynote speeches and panel discussions.

In February 2020, JBIC held meetings with the Asian Development Bank (ADB) to discuss the sustainable

1. In October 2018, JBIC and CDB signed an MOU to promote cooperation between the two institutions for projects in third countries, which involve both Japanese and Chinese companies.