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# JBIC's finance for Renewable Energy Project

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# 1. Profile of JBIC

**Missions:**

Natural Resources Securement	Financial Crisis Response
Overseas Business Development	Global Environment Preservation

Start from March 2010

**Operations:**

Export Loan, Import Loan, Overseas Investment Loan, Untied Loan, Equity Participation, Guarantee etc.

**Outstanding of Loans, Equity Participations and Guarantees:**

As of March 31, 2015  
¥ 14,693 billion (USD 124.5 billion)  
USD1=¥ 118



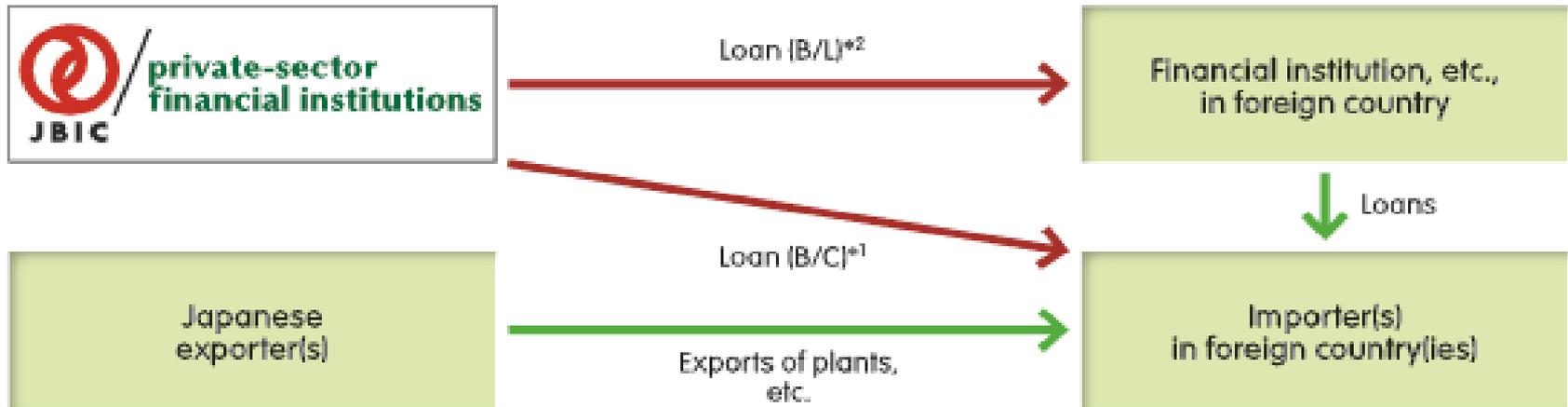
**Overseas Network:**

Americas	New York*, Washington D.C., Mexico City, Rio de Janeiro, Buenos Aires
Asia and Oceania	Singapore*, Beijing, Bangkok, Hanoi, Jakarta, Manila, New Delhi
Europe, the Middle East and Africa	London*, Paris, Moscow, Dubai

\* Core Regional Headquarters

## 2. Major Financial Instruments

### Export Credits



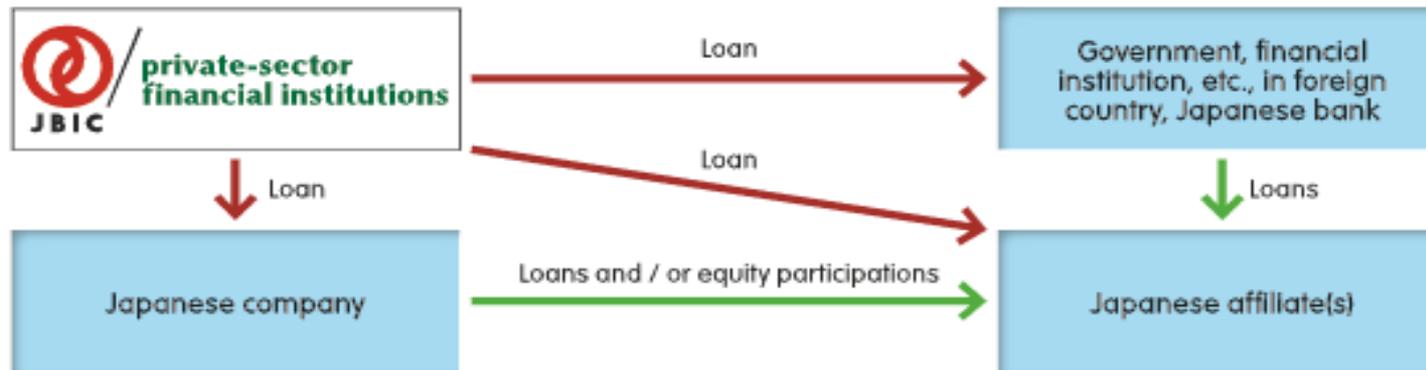
\*1. Loan to foreign importers (Buyer's Credit or "B/C").

\*2. Loan to foreign financial institutions (Bank-to-Bank Loan or "B/L").

**Export Credits are provided to overseas importers and financial institutions to finance exports of Japanese machinery, equipment and technology mainly to developing countries.**

## 2. Major Financial Instruments

### Overseas Investment Loans



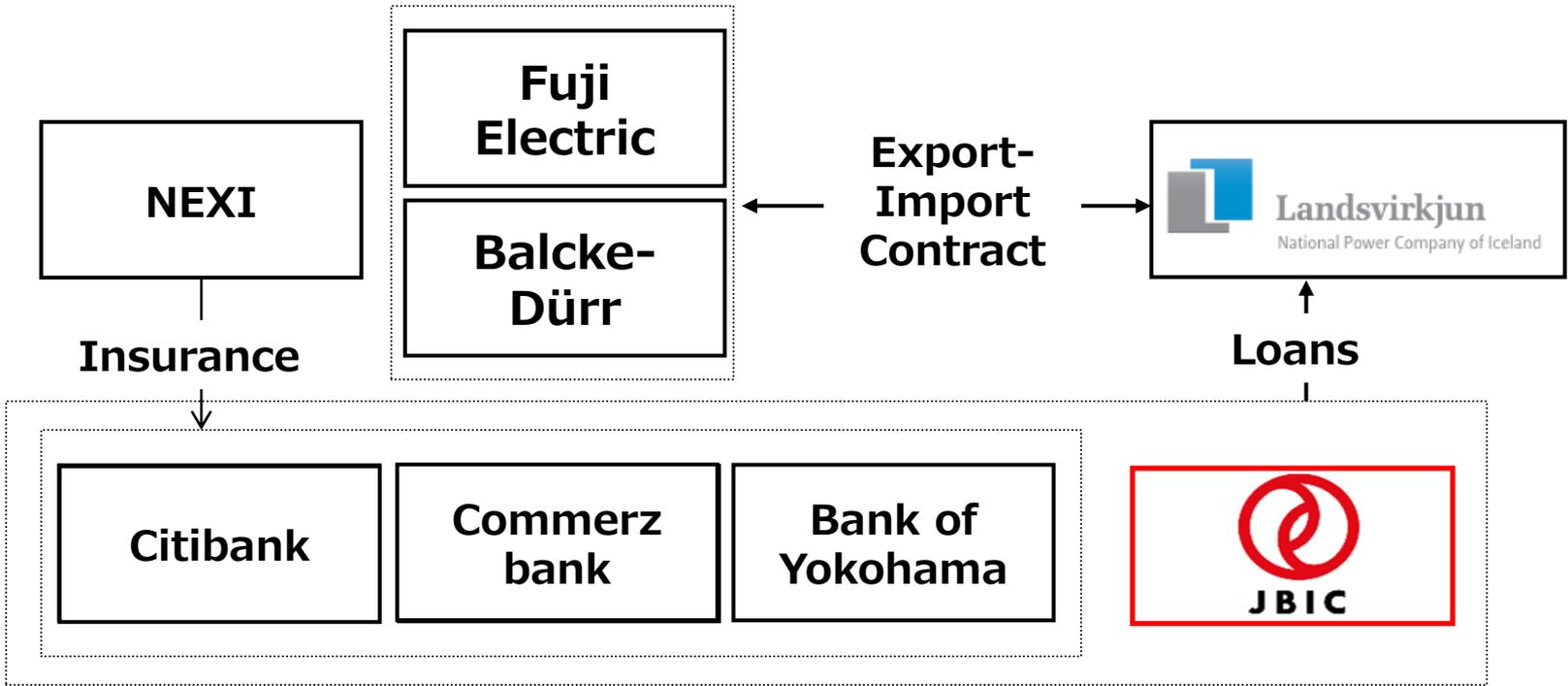
Overseas investment loans support Japanese foreign direct investments.

They are extended to Japanese companies (investors), overseas affiliates including joint ventures where Japanese companies have equity interests and governments or financial institutions that invest equity in or extend loans to such overseas affiliates.

# 3. Export Finance for Theistareykir project in Iceland

## Theistareykir Geothermal Power Plant Project

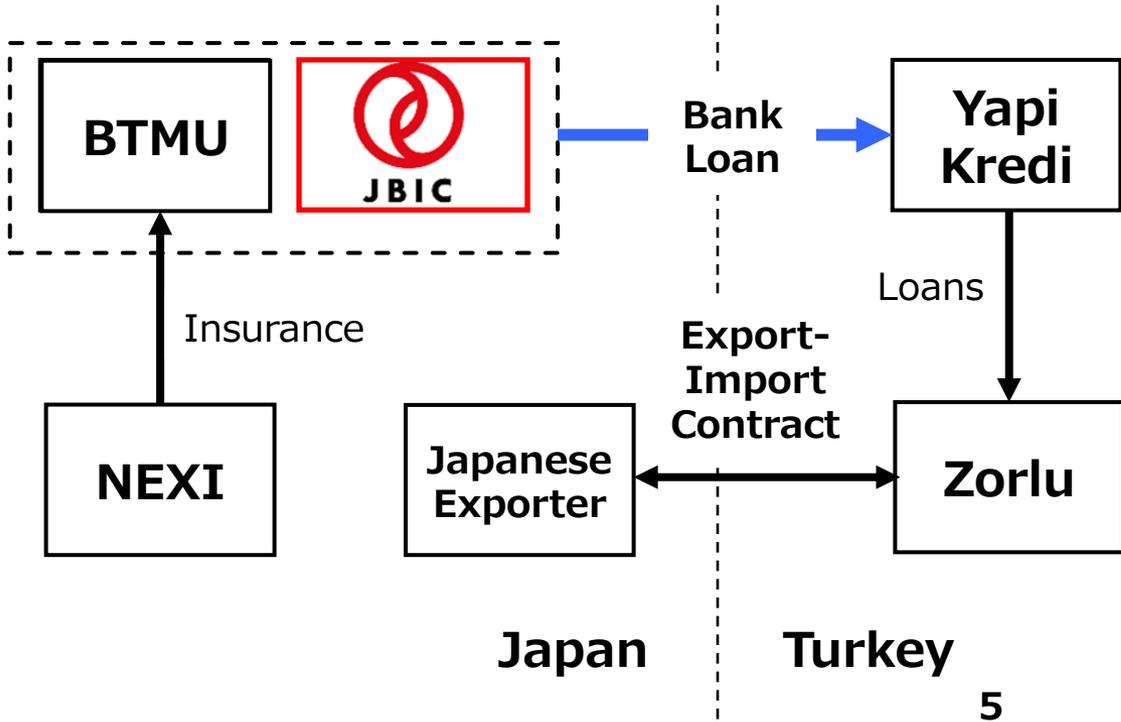
Scale	90 MW (45MW × 2)
Amount	USD 34 million (JBIC portion)



# 3. Export Finance for Geothermal power project in Turkey

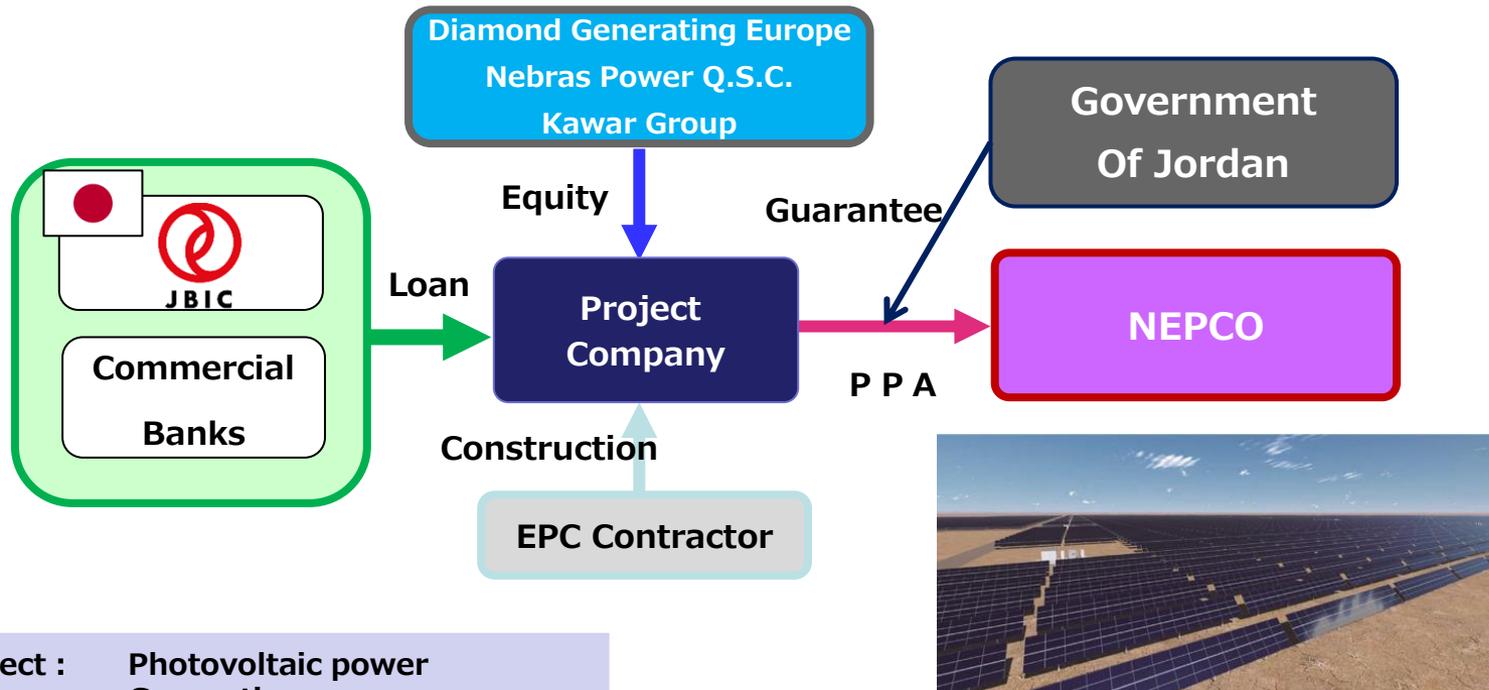
## Alasehir Geothermal Power Project

Scale	40MW
Amount	USD 27.8 million(JBIC portion)
Borrower	Turkish Local Bank (Yapi Kredi Bankasi A.S.)



# 4. Overseas Investment Loan for Photovoltaic power project in Jordan

## Jordan Shams Ma'an Photovoltaic Power Project (2015)



**Project :** Photovoltaic power Generation  
**Location :** Ma'am Province  
**Sponsors :** Diamond Generating Europe  
Nebras Power Q.S.C.  
Kawar Group  
**Loan Amount :** USD 129 million

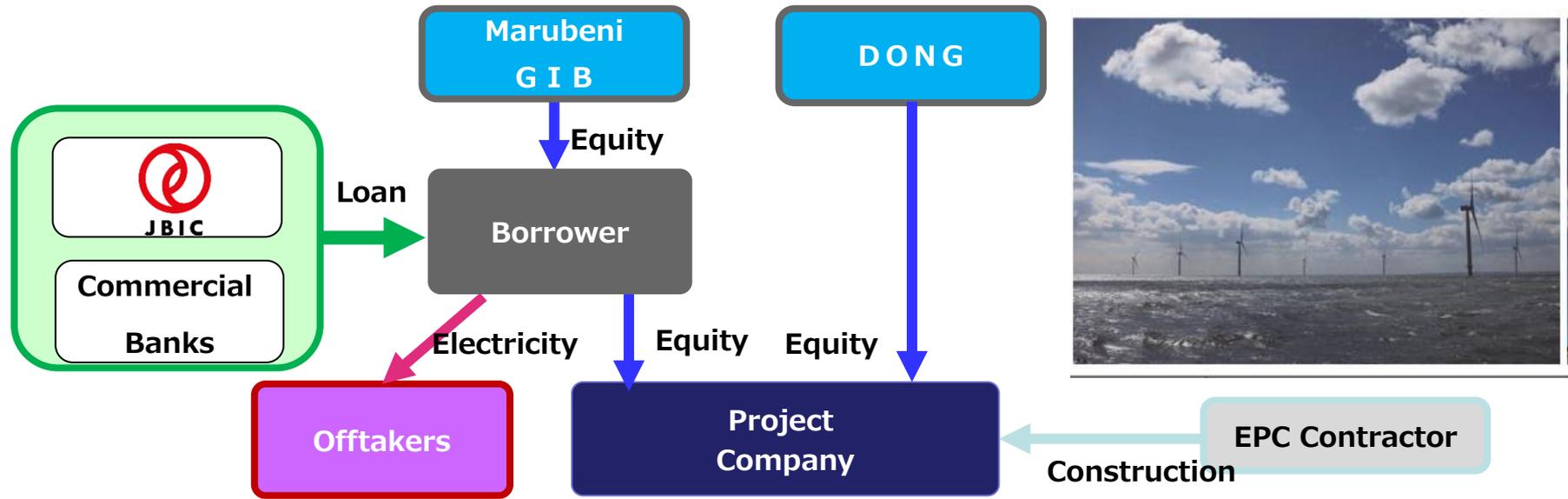
This loan will strengthen the international competitiveness of Japanese companies by supporting overseas business deployment in the infrastructure sector by MC.

This project will contribute to strengthening and diversifying power sources with an expected increase in power demand in Jordan, a non-oil-producing country.

Strengthen Japan's diplomatic relations with Jordan, located in the geopolitically important Middle East region.

# 4. Overseas Investment Loan for Offshore Wind power project in UK

## UK Westernmost Rough Offshore Wind Power Generation Project (2014)



**Project :** Offshore Wind power Generation  
**Location :** Off the Coast of Yorkshir  
**Sponsors :** Marubeni  
Green Investment Bank (UK)  
DONG Energy A/S (Denmark)  
**Loan Amount :** GBP 369.5million

This loan will strengthen the international competitiveness of Japanese companies by supporting the overseas business deployment of an off-shore power generation plant by Marubeni, participating in the project company and conducting the long term operation and management of the project with advanced technology.

This is JBIC's first project financing of an off-shore wind power generation project in local currency (GBP).

This is a joint infrastructure project in which British and Japanese public financial institutions are collaborating: namely, the Green Investment Bank (GIB), a UK policy-based financial institution is participating as a sponsor, and JBIC as a senior lender.

# 5. Japanese Government Policy



## Speech by Prime Minister Abe at COP21

December 1, 2015

(Japan's new set of contribution: **Actions for Cool Earth (ACE) 2.0 (support to developing countries, innovation)**)

Japan has announced the "**Actions for Cool Earth 2.0**," namely, "ACE 2.0". This is a reinforcement of Japan's contribution to climate change actions which was presented as "ACE" in 2013.

The first component of the contribution is our **support to developing countries**. We cannot overlook the difficulties of those developing countries suffering from negative impacts of climate change. **Japan will provide, in 2020, approximately ¥1.3 trillion of public and private climate finance**, 1.3 times up from the current level, to developing countries. I believe the increased finance from Japan, if added to the accumulated contributions by countries and international organizations clarify a pathway to the achievement of the commitment made at COP15: the mobilization by 2020 of \$ 100 billion in climate finance per year to developing countries.

We will enrich the livelihood of people living on the Earth, while we reduce greenhouse gas emissions. We will take geothermal energy from the center of the Earth and deliver clean electricity to people in Africa. We shed light generated from sunlight in those areas not yet covered with the power grid. We pass on what cities in Japan have gone through to various emerging Asian cities that are experiencing rapidly growing concentration of population. We provide necessary equipment and know-hows so that people of island states in the Pacific can evacuate with ample time available before a typhoon approaches. These are several fields of activities in which Japanese companies have been engaged for a long time and have sophisticated their skills. I am all confident that we can be of great help for every one of you.

Japan has contributed \$1.5 billion to the Green Climate Fund (GCF). I would like to see the fund made available for the support to developing countries as soon as possible. I will ensure Japan's involvement in the work of GCF from the project-forming stage for swift implementation of the next year's support of \$2.5 billion.

The second component of Japan's new set of contribution is **innovation. The key to acting against climate change without sacrificing economic growth is the development of innovative technologies**. To illustrate, there are technologies to produce, store and transport hydrogen towards realizing CO<sub>2</sub>-free societies, and a next-generation battery to enable an electric car to run 5 times longer than the current level. By next spring Japan will formulate the "Energy and Environment Innovation Strategy." Prospective focused areas will be identified and research and development on them will be strengthened.

The "Mission Innovation," proposed by the interested countries, is in line with what Japan has consistently worked on, and I hereby express Japan's intention to join the initiative.

In addition, many of the advanced low-carbon technologies do not generally promise investment-return to developing countries. Japan will, while lowering burdens of those countries, promote diffusion of advanced low carbon technologies particularly through implementation of the Joint Crediting Mechanism (JCM).

# Thank you.

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