DBJ Initiatives for Tohoku's Region-Wide Recovery from the Great East Japan Earthquake

January 21, 2014

Development Bank of Japan Inc.
Tohoku Revival Reinforcement Office,
Tohoku Branch
### DBJ profile

<table>
<thead>
<tr>
<th>Establishment</th>
<th>October 1, 2008</th>
<th>Former Japan Development Bank est. 1951</th>
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<td>Former Hokkaido-Tohoku Development Finance Public Co. est. 1956</td>
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<td>Former Development Bank of Japan est. 1999</td>
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<tr>
<td>President &amp; CEO</td>
<td>Tōru Hashimoto</td>
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<td>Number of employees</td>
<td>1,168 (as of March 31, 2013)</td>
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<td>Capital</td>
<td>JPY1,206,953,000,000 (wholly government-funded)</td>
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<tr>
<td>Head office</td>
<td>1-9-6 Otemachi, Chiyoda-ku, Tokyo 100-8178</td>
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<td>URL</td>
<td><a href="http://www.dbj.jp/">http://www.dbj.jp/</a></td>
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<td>Associated offices</td>
<td>Branches (10), offices (8), overseas representative office (1), overseas subsidiaries (2)</td>
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<tr>
<td>Total assets</td>
<td>JPY16,183,800,000,000 (as of March 31, 2013)</td>
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<td>Loans outstanding</td>
<td>JPY14,015,400,000,000 (as of March 31, 2013)</td>
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<td>Capital adequacy ratio</td>
<td>15.02% (Uniform International Standard; as of March 31, 2013)</td>
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<td>Issuer rating</td>
<td>Aa3 (Moody’s), A+ (S&amp;P), AA (R&amp;I), AAA (JCR)</td>
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The Tohoku Revival Reinforcement Office: What we do

- Finance
- Proposals & research
- Industrialization support

Source: Website of Spa Resort Hawaiians.
Links with related organizations

DBJ

Tohoku Revival Reinforcement Office

Local government

Recovery plan support

Government and public agencies

Co-work on special reconstruction zones & other recovery measures

Local financial institutions

Recovery funds
Cooperative financing

Companies & economic organizations

Disaster preparedness & BCM promotion, Industrial recovery project support

International agencies

Provide & share information on disaster experiences & lessons learned
The affected areas today: the manufacturing industry

◆ Mining & manufacturing production indexes (pre-quake = 100)

(11/2 = 100)

Source: Prefectural websites
The affected areas today: employment

◆ Jobs-to-Applicants Ratio

Source: Status of General Employment Placement (MHLW)
The affected areas today: employment

◆ Number of job offers & job seekers by occupation (Miyagi Prefecture, Nov. 2013)

Source: Miyagi Labor Bureau
Tasks and problems for the affected areas

Future disaster preparedness

- BCM

- Radioactive materials
- Shortage of building materials
- Public works, infrastructure
- Agriculture, fishery
- Healthcare
- Tourism
- Energy
- Manufacturing sector
- Tourism
- Agriculture, fishery
- Healthcare
- Energy
- Manufacturing sector
- Future disaster preparedness

Quantitative & qualitative personnel shortages
Population drain & imbalance

Various sectors and areas

Human resources
Know-how
Research outcome
Reconstruction budget
**The “Tohoku Alliance”: A Platform for Region-wide Cooperation**

**Expansion of disaster-resistant infrastructure**
+ **Connection with distribution & ICT industries**

**Learning from disasters overseas**

**Tohoku Alliance**
(Meeting structure)

- **Creation of a “Tohoku Alliance”**
  - (a cooperative platform of entities in and outside of Tohoku);
  - securing a base for its operations

**Outside Tohoku**

- **Research & construction of backup function in a continuum**
- **Industrial measures**
  - Focusing on distribution, ICT & BCM

**Tohoku**

- **Application of research findings to regional disaster mitigation**
  - Regional disaster prevention
  - Industrial and community restoration

**Source:** Illustrated Report on Transportation in Tohoku, 2011 (MLIT Tohoku Regional Development Bureau).

**Source:** Website of United Nations International Strategy for Disaster Reduction.

**Source:** Published materials, Cabinet Office Study Group on the Great Nankai Trough Earthquake.

**Source:** Tour of quake-damaged government office building

**Source:** Hiraizumi (world heritage site)
Schedule

- **Preparatory meeting**
  - (Study sessions etc.)
- **Organization meeting**
- **World conference on disaster risk reduction**
  - (Information sharing etc.)
- **Discussion in multiple areas & Fruitful solutions**

- **Gear up**
- **Extend fields**

2013 - 2016
Inquiries

Please contact us with any questions or comments.

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