

# Overview of JICA Reconstruction Assistance for the Great East Japan Earthquake

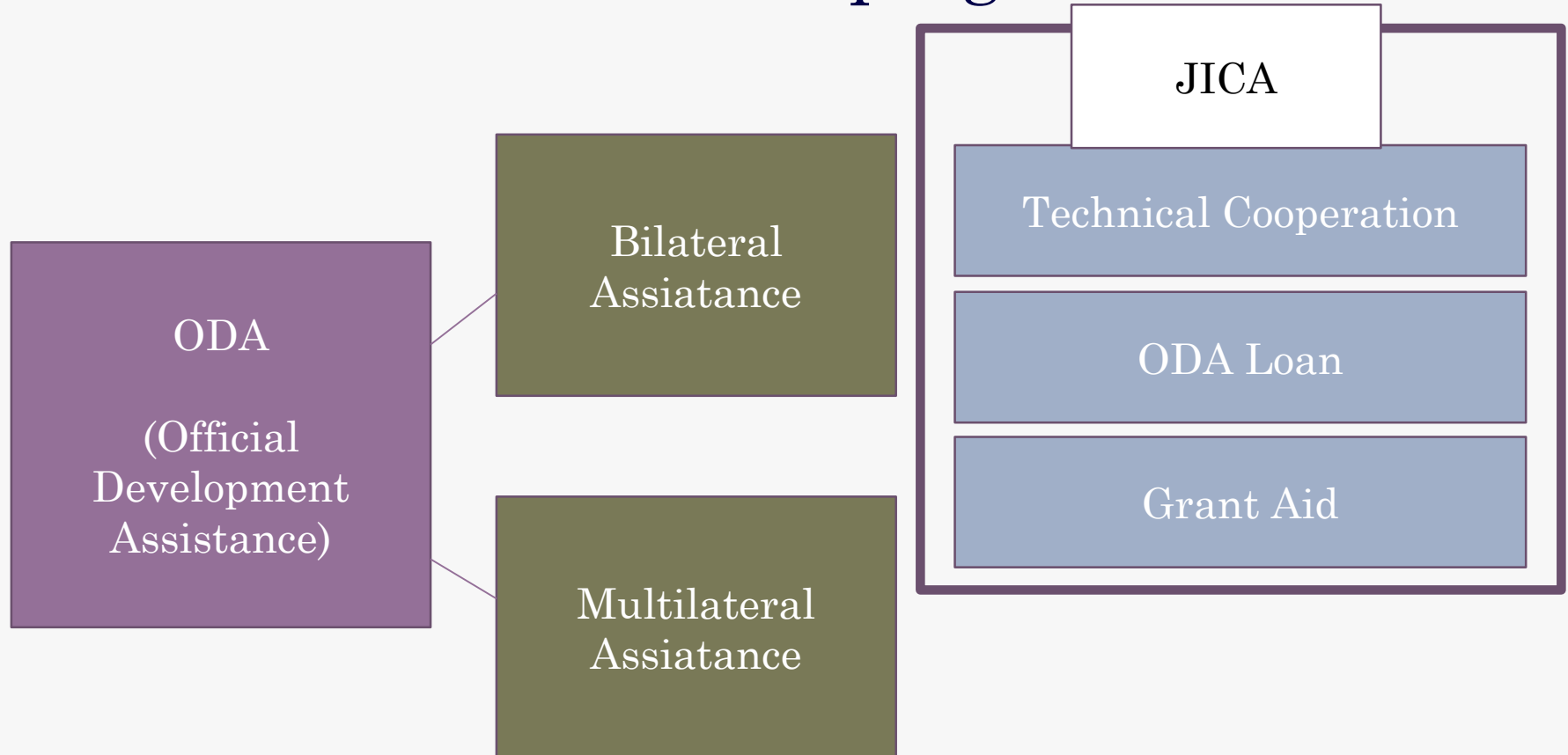
July 2015

Disaster Reconstruction Unit, JICA Tohoku  
Kamada Midori

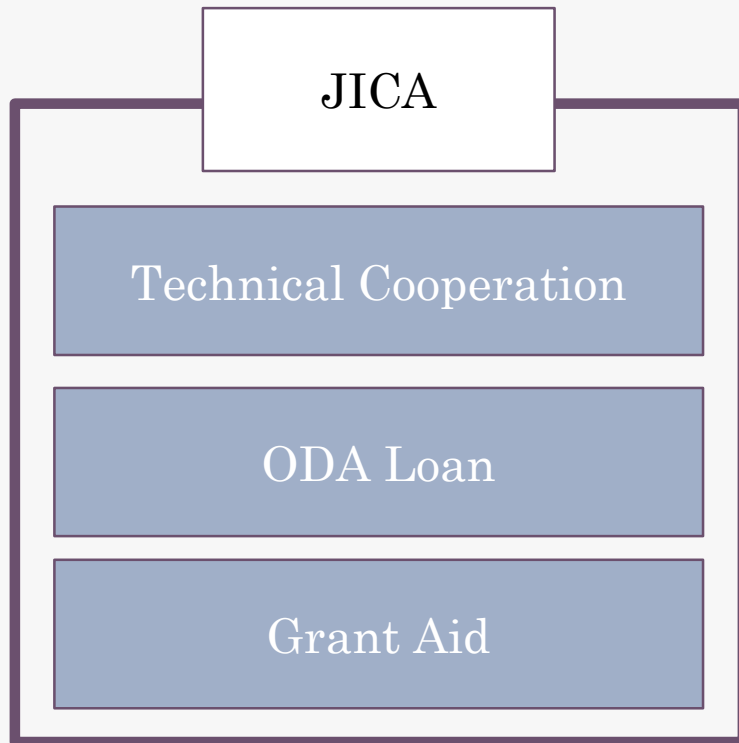
# JICA



- ◆ Japan International Cooperation Agency
- ◆ Established in 1954
- ◆ Assistance for developing countries



# JICA Tohoku



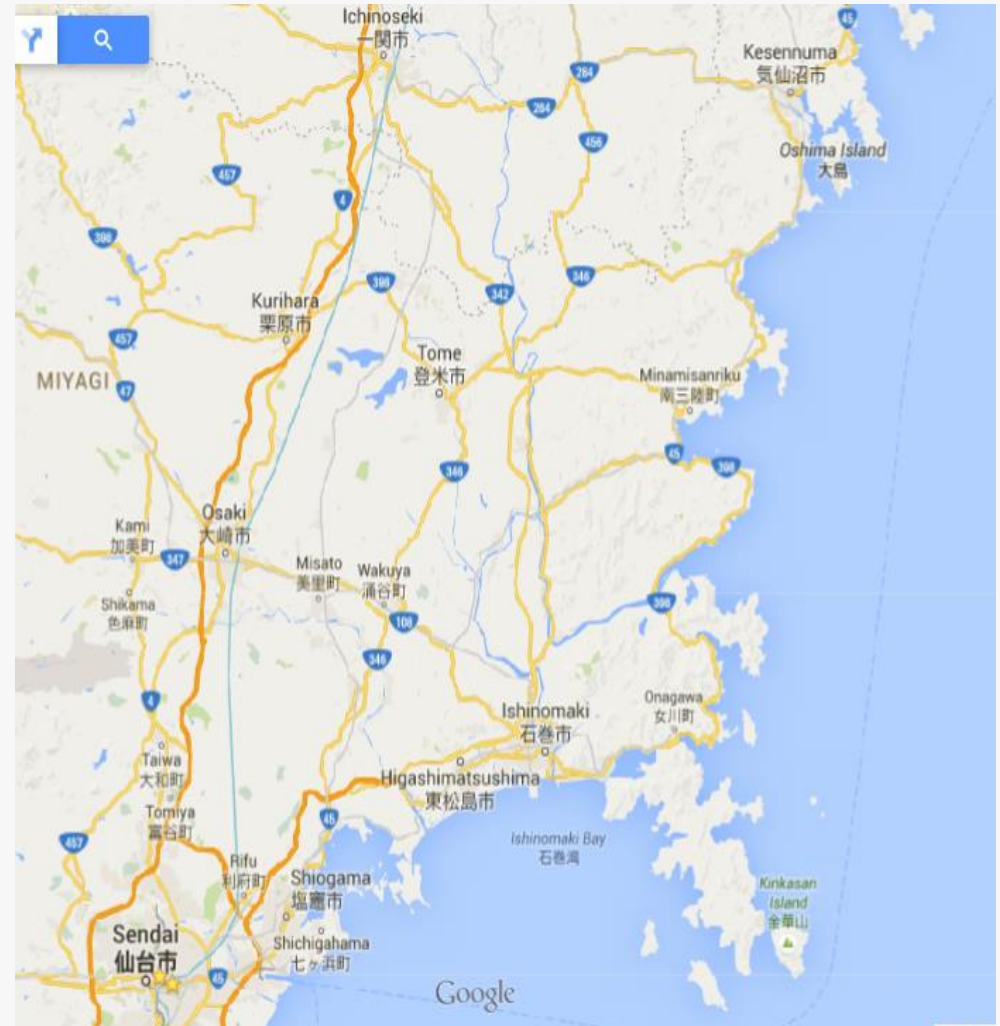
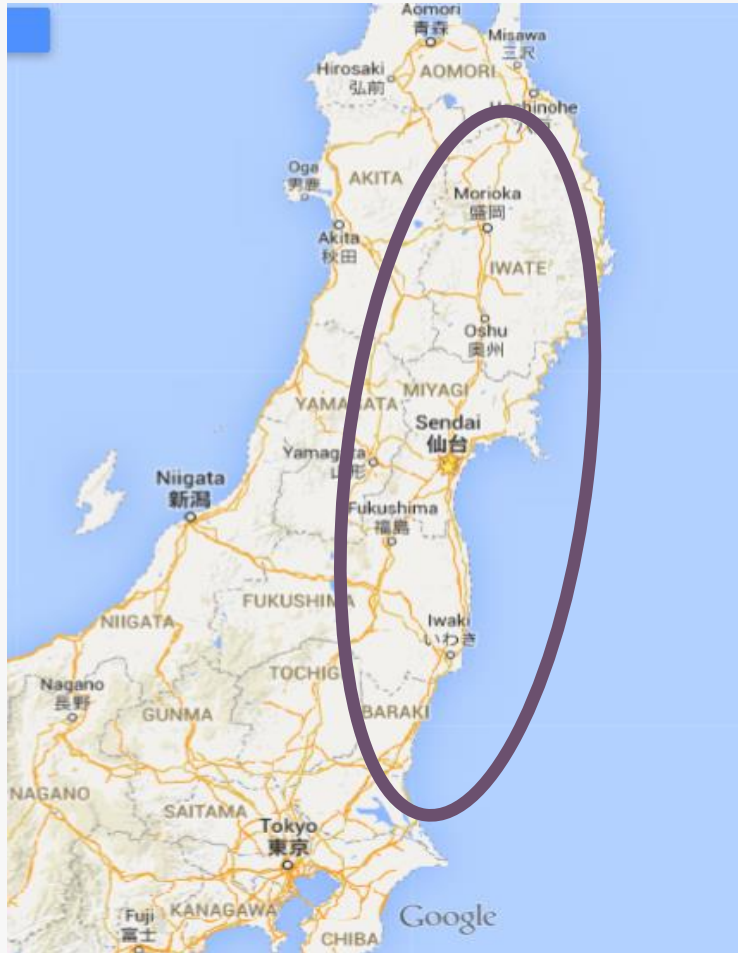
- Group and region/country-focused training
- Training program for young leaders
- Private sector partnership
- JICA partnership program
- JICA Volunteers
- Development education support
- **Great East Japan Earthquake reconstruction assistance**

# JICA reconstruction assistance Overview



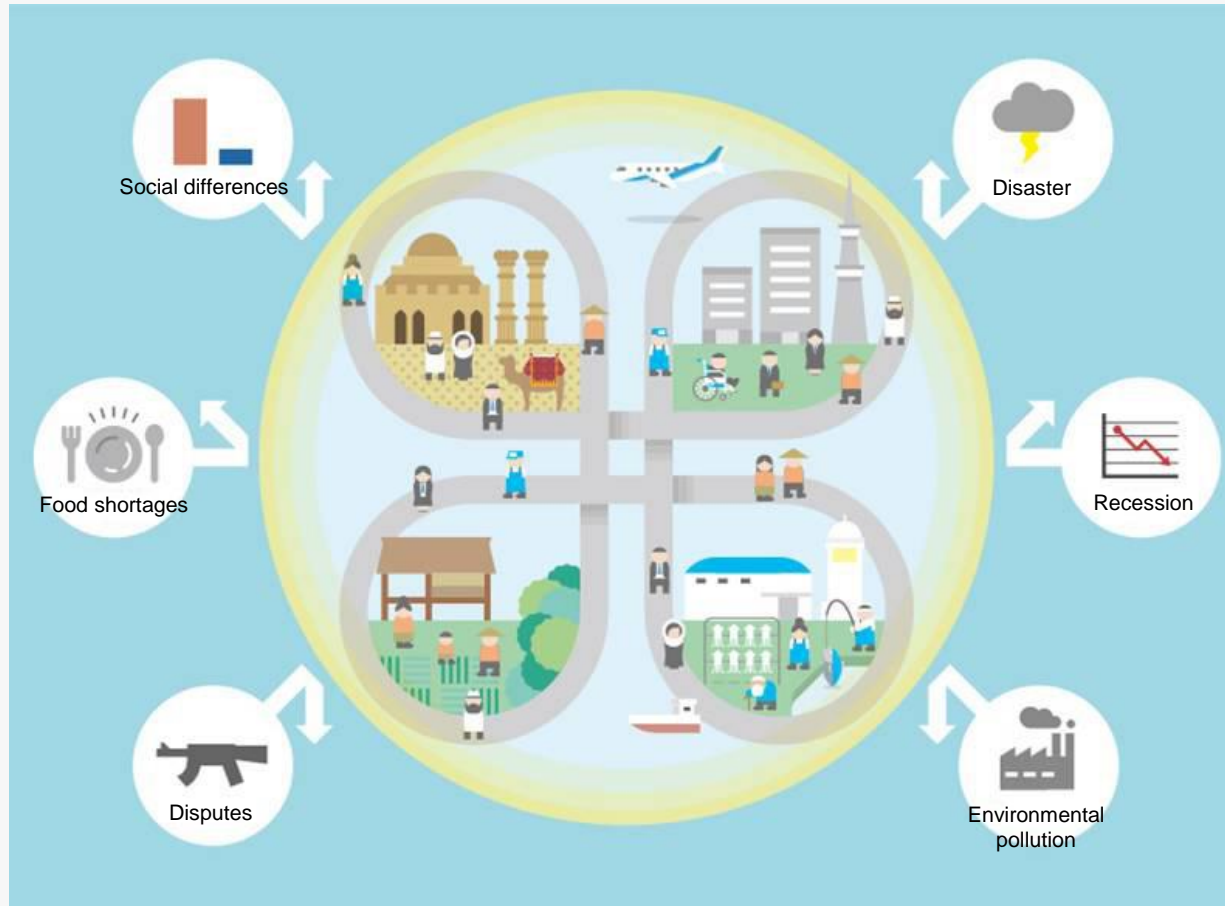
1. Basic Concept
2. Collation of Reconstruction Know-How
3. Transmitting and Sharing of Lessons Learnt from Reconstruction Work
4. Promotion of Collaborative Reconstruction Projects
5. Dispatching of Community Reconstruction Facilitators
6. Human Resource Development for Reconstruction Assistance

# Map of Tohoku region and Miyagi Prefecture



# 1. Basic Concept

## ◆ Resilience through Resonance among diversified societies



- ◆ Rediscovery of need for sustainable societies in the wake of the Great East Japan Earthquake
- ◆ Search for spiritual richness, not monetary and physical richness
- ◆ Provision of horizontal assistance instead of vertical assistance
- ◆ **“Co-creation”**

## 2. Collation of Reconstruction Know-How

Two investigations;

1. Collation and verification of know-how with respect to reconstruction in the wake of a major disaster

[http://www.jica.go.jp/activities/issues/urban/ku57pq000019fbsv-att/reconstruction\\_report.pdf](http://www.jica.go.jp/activities/issues/urban/ku57pq000019fbsv-att/reconstruction_report.pdf)

2. Investigation of assistance approach for reconstruction in the wake of an earthquake

[http://www.jica.go.jp/tohoku/enterprise/shinsai/ku57pq000005o5ol-att/The\\_Study\\_on\\_the\\_Assistance\\_Approach\\_for\\_Disaster\\_Reconstruction\\_Final\\_Report.pdf](http://www.jica.go.jp/tohoku/enterprise/shinsai/ku57pq000005o5ol-att/The_Study_on_the_Assistance_Approach_for_Disaster_Reconstruction_Final_Report.pdf)



# 3. Transmitting and Sharing of Lessons Learnt from Reconstruction Work



島田社長(右)から、独自の食品加工技術を活用したジェラートを勧められる参加者

東日本大震災からの復興の取り組みを推進する「アミリア」仙台市が、復興の地域づくりに生かすべく、インドネシア、フィリピン、タイ、インドネシア、フィリピンなどアジアの復興支援に力を入れている。復興協力機構（JICA）の行政担当者や研究者ら10人が、宮城県復興の被災地で研修を行っている。

△東北支庁の復興支援の一環として、復興協力機構（JICA）は19日、農林水産省の6次産業化に取り組む、焼酎、粉砕する独自の技術。

## 復興過程被災地で研修

アジア6カ国の担当者ら

## 1. Training programs (training courses, etc. offered by domestic institutions in Japan)

## 2. Development Education Study Tour for Teachers (from 2011 to 2013)

## 3, “Musubi Juku” workshop in Indonesia (April 2013) and Chile (December 2013)





# Reconstruction Assistance for Areas Affected by Typhoon No. 30 in the Philippines

## Assistance provided by Higashimatsushima City

First investigation for operational instruction (January 20 to 25, 2014): JICA asked Higashimatsushima City, with which JICA has established a deep relationship through reconstruction assistance projects, to participate in an investigation in the Philippines to leverage the lessons it learnt in the disaster reconstruction it conducted after the Great East Japan Earthquake



Presentation at the seminar (by team leader Takahashi)



Mayor of Tacloban City

First support committee meeting in Japan (May 22, 2014): JICA temporarily employed two persons from Higashimatsushima City (the general manager of the Reconstruction Policy Department and the chairman of the Contractors Association) to obtain technical advice for the assistance project being undertaken for the reconstruction of areas affected by Typhoon Yolanda in the Philippines

Second investigation for operational instruction (June 23 to 26, 2014): Advice was provided with regard to the identifying of reconstruction needs. Lessons learnt from the Great East Japan Earthquake were shared through the holding of reconstruction seminars in the disaster areas

Training in Japan: Training was held in Higashimatsushima City in December 2014 (through the Forum for Eco-future City) and January 2015


# Assistance for infrastructure in Latin America

## Assistance provided by Sendai City

In response to a request from the government of Peru, JICA dispatched two Sendai City officials as lecturers to give a presentation on the lessons learnt from the Great East Japan Earthquake. (This event was hosted by the Ministry of Economic and Fiscal Policy in Peru and held in Lima on July 3 and 4, 2014.)

The two officials explained the present situation with regard to the urgent temporary reconstruction of the Minamigamou wastewater treatment center, which had been destroyed by the tsunami that struck after the earthquake, and the progress that has been made in terms of full-scale reconstruction through what is known as the Sendai method. They also explained to participants from Mexico, Colombia and Chile that no damage had been suffered by the earthquake-resistant sewerage pipes.

One matter that received considerable attention was the concept of conducting disaster mitigation to minimize damage at little cost through preparation of the reconstruction equipment that would be required when disaster struck and the prioritization of facilities to be restored.



Sendai City hosted the “2015 Sendai Symposium on Sewerage Works Disaster Risk Reduction” as a public forum at the UN World Conference on Disaster Reduction in March 2015. Representatives from Peru and Turkey were invited.

JICA and Sendai City plan to undertake training programs and grass-roots technical cooperation projects to build a stronger relationship in FY2015 and later.

# 4. Promotion of Collaborative Reconstruction Projects through JICA Partnership Program



**1. Project for enhancing environmental awareness of the need for coexistence among forests, human beings and the sea**



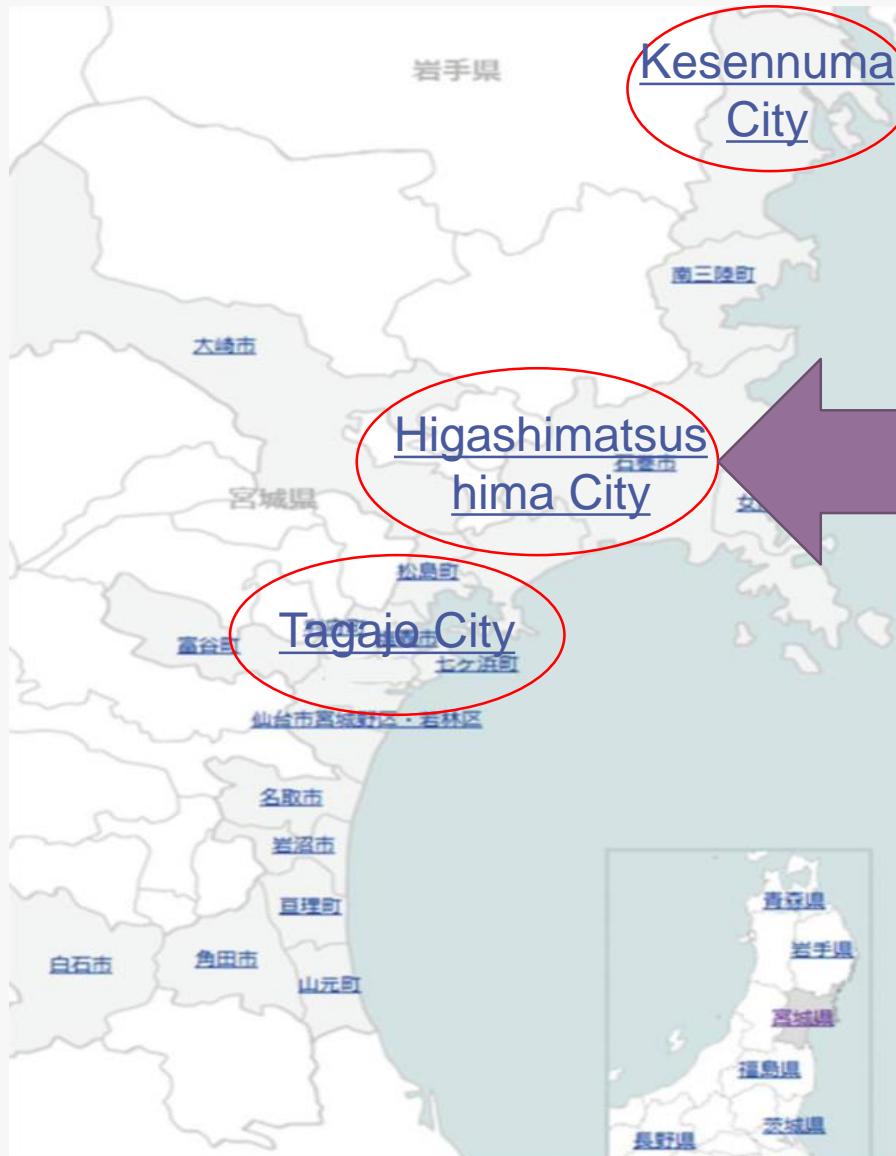
**2. A resident-driven promotion program in Banda Aceh City for collaborative reconstruction through the use of local resources**



**3. Project to develop a business model based on employing people with disabilities**



# Focusing on Higashimatsushima City and JICA Partnership Program





# Activities of the JICA Partnership Program



## Indonesian trainees learning from residents of Higashimatsushima City



The trainees learning how to do fixed-net fishing in Higashimatsushima City where fishing industry is active



Trainees listening to an explanation about the aftereffects of the earthquake during a site visit to JR Nobiru station, which was struck by the tsunami

# Activities of the JICA Partnership Program



## Higashimatsushima City officials learning from Indonesian trainees



An Indonesian trainee giving feedback to city officials about lessons learnt from experiences in Indonesia and training in Higashimatsushima City.





# Activities of the JICA Partnership Program

## Sharing of Experiences



Two officials from Bandar Aceh, Indonesia, visit Higashimatsushima City



研修会でバンダアチェ市の復興過程を説明するハフリザさん(中央)

東日本大震災で被災した東松島市の復興に向けたまちづくり研修会が9日、同市役所であった。講師を務めたのはインドネシア・バンダアチェ市議員のハフリザさん(30)とユリマルトゥニスさん(32)。2004年のスマトラ沖地震の津波で甚大な被害を受けた経験を基に、地域の将来像をしっかりと持つことの大切さを話した。

2人は3月、被災した東松島市に派遣され、来年2月までの予定で長期研修を受けている。官民組織「東松島みらいとし機構」で復興施策に携わり、再生可能エネルギーの事業展開などを学んでいる。

Training workshop for town development in Higashimatsushima City

Learning from the experiences of Sumatra

NHK宮城県のニュース 仙台放送局

### Presentation by Aceh City officials about earthquake disaster reconstruction



9年前、スマトラ沖地震で大きな被害を受けたインドネシアのバンダ・アチェ市の職員が、東日本大震災からの復興に向けた課題について考えようと、東松島市長らにアチェ市の復興の歩みについて発表しました。東松島市ではアチェ市での経験を市の復興に役立てようと、ことし3月からアチェ市の職員の2人を研修生として受け入れています。

15日は市役所で、2人の研修生がアチェ市の復興の歩みについて市長ら幹部職員およそ40人に発表しました。

発表では、アチェ市が事務的な手続きを簡素化することで寄付金を迅速に配分し、復旧を進めることができたという成果があった一方で、防災にかけると十分な予算がないため避難路の整備が進まないなど実効性のある対策が立てられない現状などが報告されました。

市の幹部らは、アチェ市の事例を参考にしようと積極的に質問を行うなど復興に向けた課題に関心を寄せていました。

研修生の1人、ハフリザさんは、「震災のときは国際的な援助を受けたので、今度は東松島市で復興の手伝いをしたいと思っている。困難もあるが、諦めず希望を捨てないでほしい」と市民にメッセージを送りました。

今後、2人の研修生による一般市民向けの講演会も検討されているということです。

04月15日 13時01分

# Activities of the JICA Partnership Program



Strengthening of relationships and mutual understanding between trainees and local residents



Children being shown how to brew Indonesian coffee



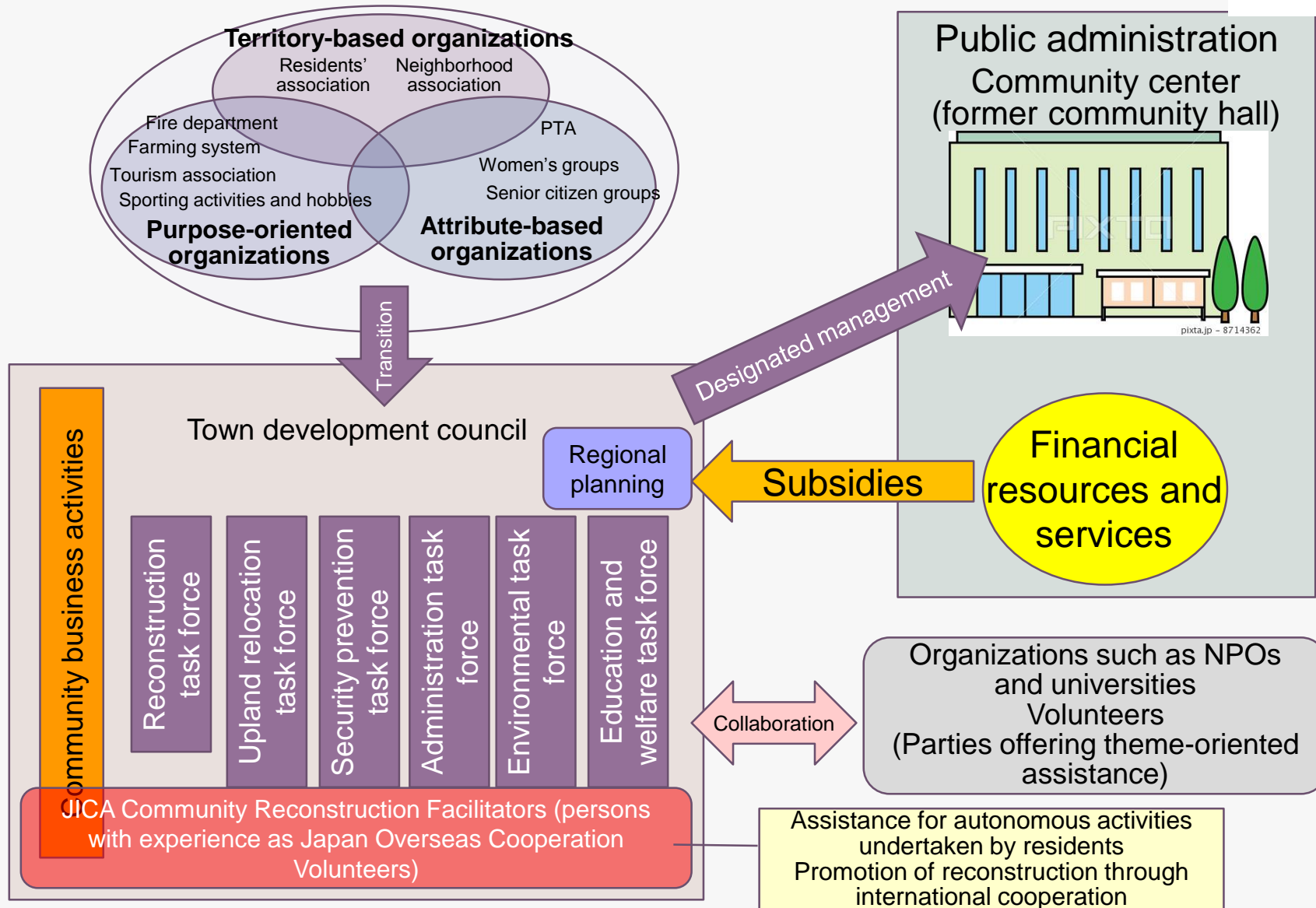
Cultural exchanges through the exhibition of a traditional Indonesian tent at the UN World Conference on Disaster Reduction



## 5. Dispatching of Regional Reconstruction Promoters Higashimatsushima City



# Promotion of Reconstruction through International Cooperation



# Residents' Round-table Conference Acts as a Facilitator

- ◆ Relationship building
- ◆ Assessment of the situation
- ◆ Cooperation for execution of projects





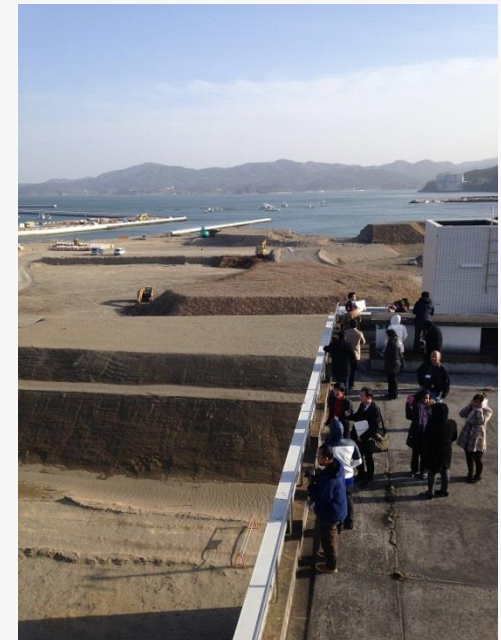
# Identification of Issues through Questionnaires for Local Residents

- ◆ Identification of disaster victims' needs
- ◆ Demand for commercial and medical facilities, etc.
- ◆ Sharing of issues among public administrations and residents





# Acceptance of Trainees by Communities



Trainees learning from local residents about the disaster and the lessons they learnt from it

# Revitalization of Community Activities



Residents of Higashimatsushima City visiting Aceh to deepen their understanding of the disaster through discussions with local people



A debrief session about a business trip to Aceh. Residents listen to the reports to apply lessons from Aceh in their own reconstruction work



# 6. Human Resource Development for Reconstruction Assistance

Training to Develop Human Resource for Reconstruction  
(Nov. 2014)



# *“Reconstruction × Regional Economic Development × International Cooperation” Workshop (Jan. 2015)*



| Present post  | No. of participants |
|---|---------------------|
| Reconstruction assistant (with experience in international cooperation)                   | 11                  |
| Reconstruction assistant (without experience in international cooperation)                | 2                   |
| Regional economic development assistant (with experience in international cooperation)    | 13                  |
| Regional economic development assistant (without experience in international cooperation) | 1                   |
| Total   | 27                  |

# Third UN World Conference on Disaster Reduction Public Forum (Mar. 2015)

*“Reconstruction × Regional Economic Development ×  
International Cooperation: A Vehicle to Transferring Relationships”*

## Part 1





# Third UN World Conference on Disaster Reduction Public Forum (Mar. 2015)

*“Reconstruction × Regional Economic Development ×  
International Cooperation: A Vehicle to Transferring Relationships”*

## Part 2





Thank you!