# Extreme events situation and Business Continuity in Japan

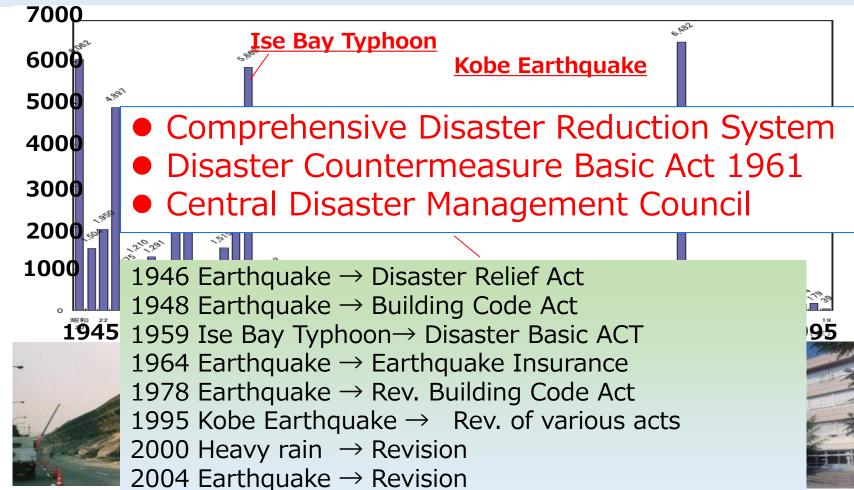
# Role of Standard and Conformity Assessment (C/A) in Disaster risk reduction (DRR) Framework

27<sup>th</sup> April 2018

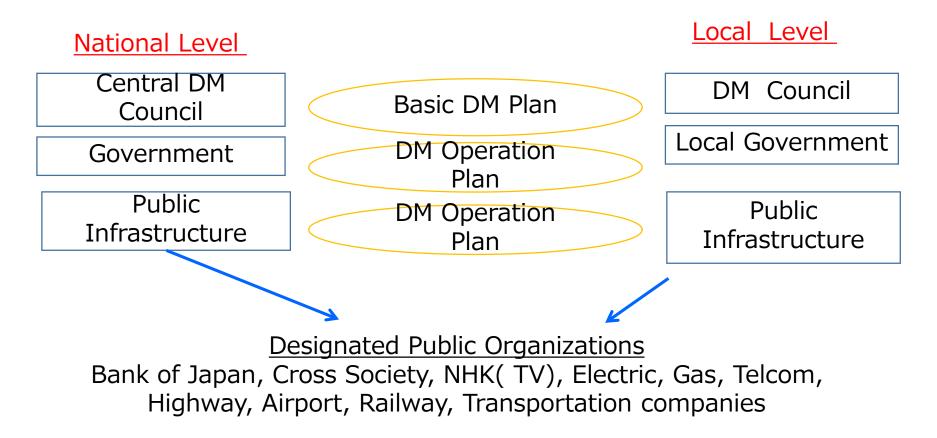
A Mitsubishi Corporation Insurance Co., Ltd.

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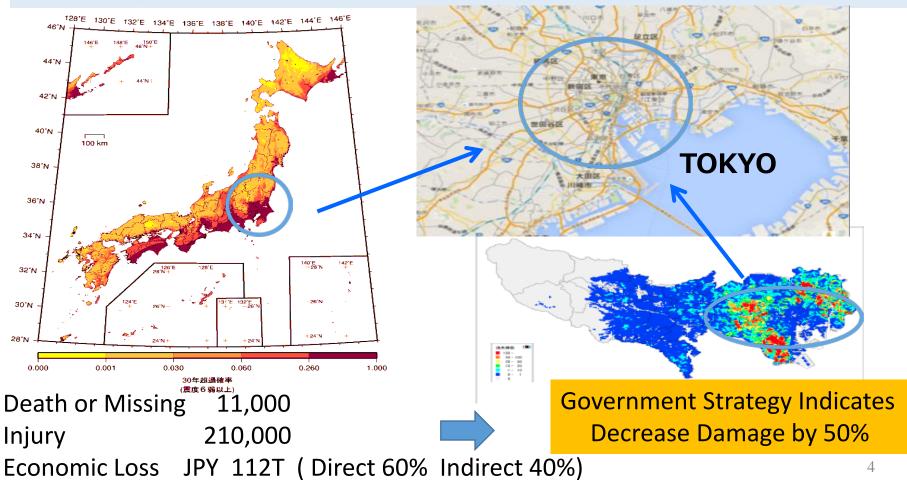
Casualties by Natural Disasters in Japan



#### **Disaster Management System**



#### Percentage of Scale 6 Earthquake with in 30 years



#### Government Strategy on Business Continuity by 2020

♦ Raise Business Continuity Planning adoption ratio Large scale companies 18.9%(2007) → 100% Medium scale companies 12.4%(2007) → 50%

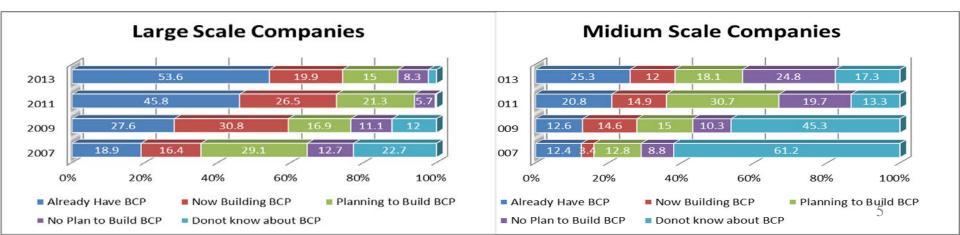
# Cabinet Office published several guidelines e.g. "BCM Guideline (2005)"

♦ Banks · Electricity · Gas · Telecom etc Mandatory by Regulations
 ♦ ISO22301/22313 Business Continuity Management System (2012)

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And Below States and States



#### Great East Japan Earthquake and Tsunami 2011.3.11.



Supply chain Disruption

#### Impact to Disaster hit area

- Direct loss
- Human loss
- Building houses infrastructures
- Difficult to secure employment
- Decrease tax revenue
- Lose company and local competitiveness
- Degradation of regional moral

#### Impact to Disaster non-hit area

- Supply Chain Reaction by Indirect Losses
- 337 private firms bankrupt in 6 months
- Total 1,699 firms bankrupt in 6 yrs

Photo taken at Miyako City, Iwate Prefecture Courtesy of Tarocho Fisheries Cooperative Association

#### **Dysfunction of Public Services**

### 237 out of 352 local governments lost function

- Emergency response activity
- Supply of relief goods
- Missing of Residential Registered Data

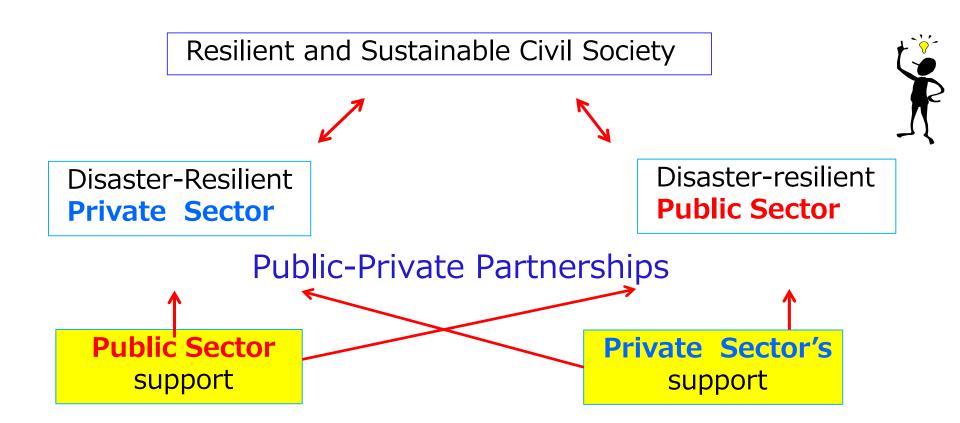
#### Public Sector's Role and Private Sector's Role



Emergency recovery operation of Tohoku Expressway

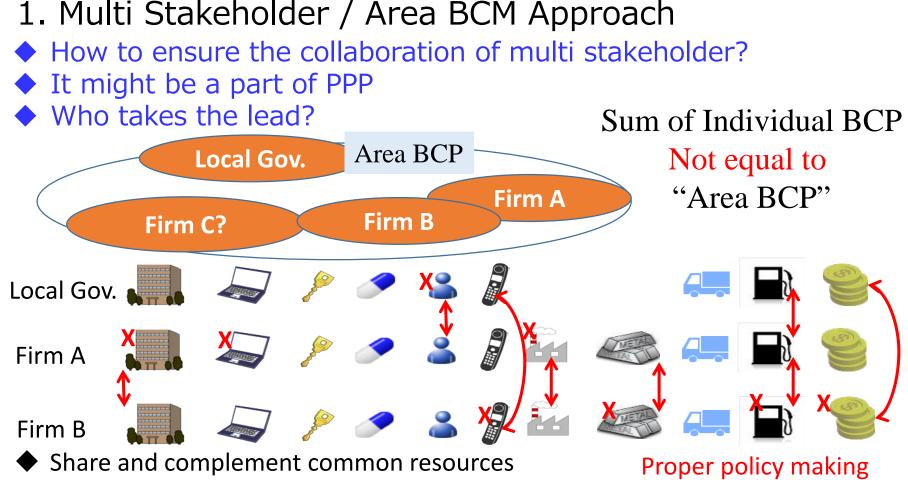
- ➤Contributed delivery of the relief goods and supplies to the affected area and also recovery of the economy in Japan.
- ➢But on the other hand, this quick recovery has been accomplished from the quick resumption of private sector's labor and services (construction).

#### **Public Private Partnership**



#### Government Strategy Public Sector BCM

- ◆ 2010 Cabinet Office published "BCM Guideline for Local Gov."
- ◆ 2011 GEJE occurred
- Survey of BCMS status
   2013 Prefectural Gov. 59% (28/47) City/Towns 13% (228/1742)
   2015 89% (42/47) 36% (635/1741)
- 2015 Cabinet Office published "BCM Guideline for City/Town"
   2016 Cabinet Office published "BCM case studies on response and prepared ness"
- Encouraging Developed BCP >> Start drilled and training
   Not yet >> Develop BCP quickly



Promote strategic investment and avoid redundancy

Proper policy making for resilient society

### 2. Secure level and effectiveness of BCP/BCM

How to measure the level of BCP/BCM?

#### Is ISO Certification enough? The solution of BCM rating Rating and communication : 100 questions



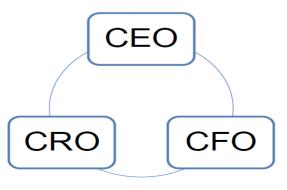
#### **Disaster Risk Reduction**

- A Corporate disaster prevention system
- B Life and safety preservation measures
- C Contribution to community and regional disaster prevention efforts
- D Disaster drills (emergency response, initial response, etc.)
- E Outstanding disaster prevention initiatives
- F Compliance

#### **Business Continuity Management**

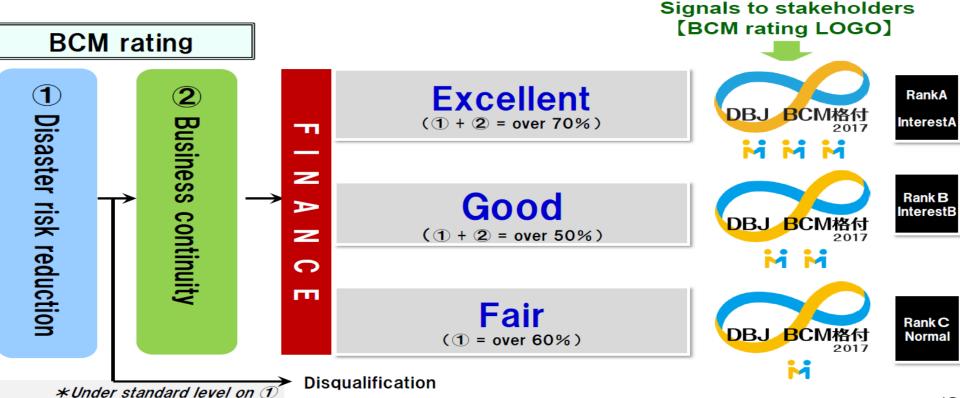
- G Preparation of basic policy, business continuity framework, business continuity risk assessment
- H Business impact analysis (BIA)
- I Strategic thinking on business continuity
- J Outstanding components of business continuity plan
- K Risk management for supply chain and value chain
- L Business continuity education: training and review
- M Cooperation on BCM with others in industry
- N Communication and publicity activity on risk and risk management
- O Outstanding initiatives in business continuity management







#### The solution of BCM rating Product design, rating process



1.5



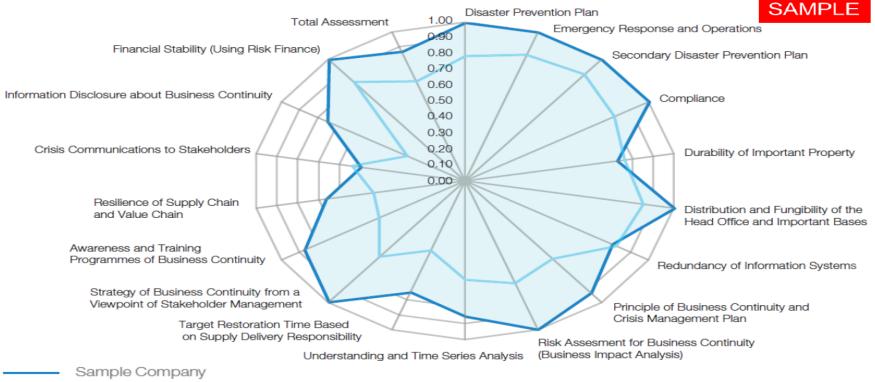
#### The solution of BCM rating Track records : 277deals & 29.9USDbillion (2012FY-2016FY)

<sup>楽しい電子部品を究めます</sup> ALPS。 アルプス電気 様	FUJITR KRNKO 藤田観光 様	P腔 様	HALOWS	<b>TOTO</b>	<b>本の</b> For a Lively World 大成建設 様	No.15 <sup>11101</sup> Capital KENEDO 5937-027年間線表表し KENEDOK Really Investment Corporation ケネディクス不動處投資法人 様	日本をおいしくする SHOWA 昭和産業 様
した空港ビルデング様		DAIFUKU ダイフク様	Sgホールディングス 様	<b>多西部ガス</b> 西部瓦斯 様	nishikowa 西川ゴム工業 様	Suzuyo 命与 様	<b>了</b> 京和総合建物 様
<b>國三ツ星ベルト</b> <sup>三ツ星ベルト 様</sup>			NISSEI E種ものゴくりホール・ディングス 様		Kowa <sub>興和</sub> 様	<b>〇ニッスイ</b> 日本水産 様	DPTOELECTRONICS オプトエレクトロニクス 様
Nagashima Resort ナガシマリゾート 長島観光開発 様	④日本曹達林式会社 日本曹達様式会社	▶ <u>財國法人博 怒 会</u> Healthcare foundation 博慈会 様	で EXGINEERING 東洋エンジニアリング様		<u> 南西ユーJビ-</u> 関西スーパーマーケット 様	DAIYU 8 ダイユーエイト 様	レントレント HULIC
	センコン物流 様	でして TOKAI GAS 東海ガス 様	AGC 旭硝子 <sup>旭硝子 様</sup>	<ul> <li>東銀リース株式会社 BOT Lease GoLtd.</li> <li>東銀リース 様</li> </ul>	東陽倉庫株式会社 TOYO LOGISTICS CO., LTD. 東陽倉庫 様	世界的すきま発想。 <b>3日本化薬</b> 日本化薬 様	JCV上結ケーブルビジョン 株式会社 上越ケーブルビジョン 様
西武ホールディングス	CASEBUCE が Sunshine City サンシャインシティ 様	<b>₭ anachu</b> 神奈川中央交通 様	近畿日本鉄道株式会社 近畿日本鉄道 様	07Net 07Net 九州通信ネットワーク 様	<ul> <li>         ・</li></ul>	<b>     エAHEIYO CEMENT</b> 太平洋セメント 様	UNIT 日本自教車クーミナル移式会社 Japan Mare Terranal Ce.J.M. 日本自動車ターミナル 様
アレビス 様     オン高度紙工業 様	✓ VARUSHIMA DEINKO CO.LTD 星久島電工株式会社 屋久島電工 様	TOYO GOSEI 東洋合成工業 様	<b>ケーブルメディアワィワィ</b> ケーブルメディアワイワイ 様	HOTEL NEW GRAND ホテル、ニューグランド 様	MAIYA TT #	FUJISAKI <sup>藤崎 様</sup>	白謙蒲鉾店 様



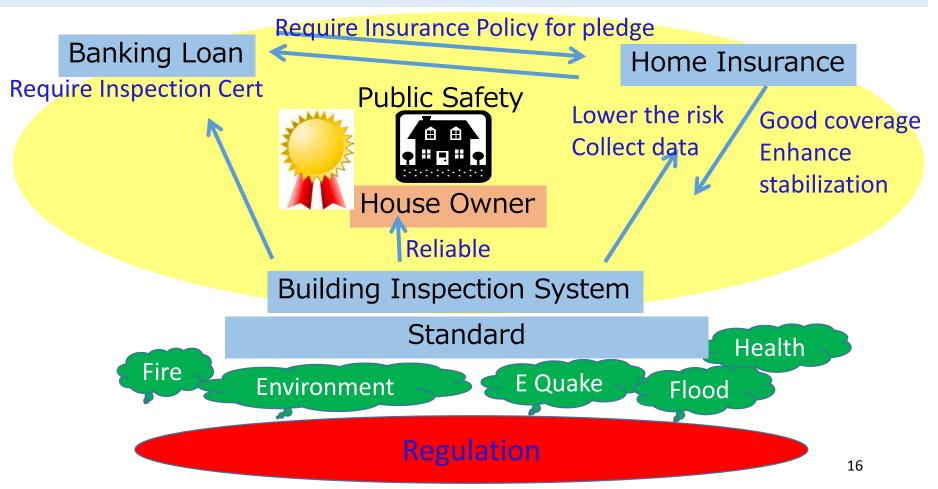
#### The solution of BCM rating

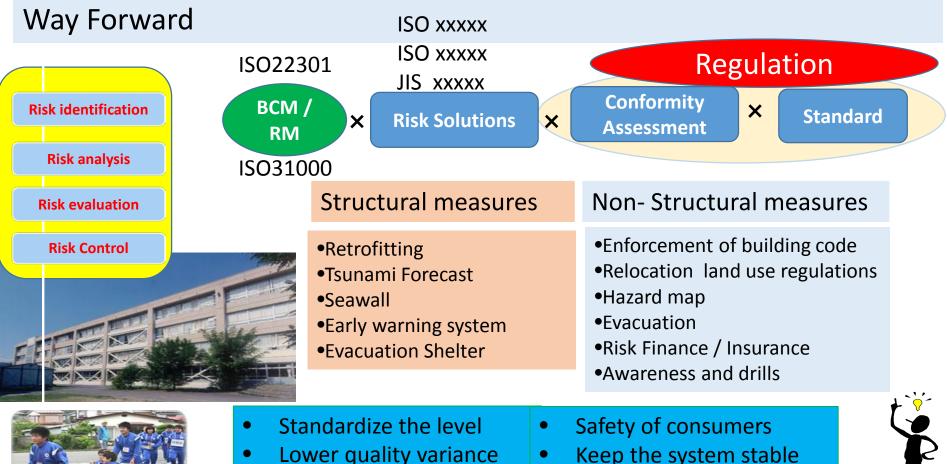
#### Feedback: The communication tool to CEO,CRO and CFO



Aggregated Assessed Companies 2011 Fiscal Year Average

#### Public Safety enhanced by Building Inspection System





**Reduce risk** 

## Thank you for your attention

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