

# Disaster Information Management System and ASEAN wide-range cooperation with ICT

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NTT DATA CORPORATION  
Regional Business Sector

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# 1.(output)ASEAN Regional Disaster Management System



AHA Centre promotes wide-range cooperation within & outside the region in the event of disasters.

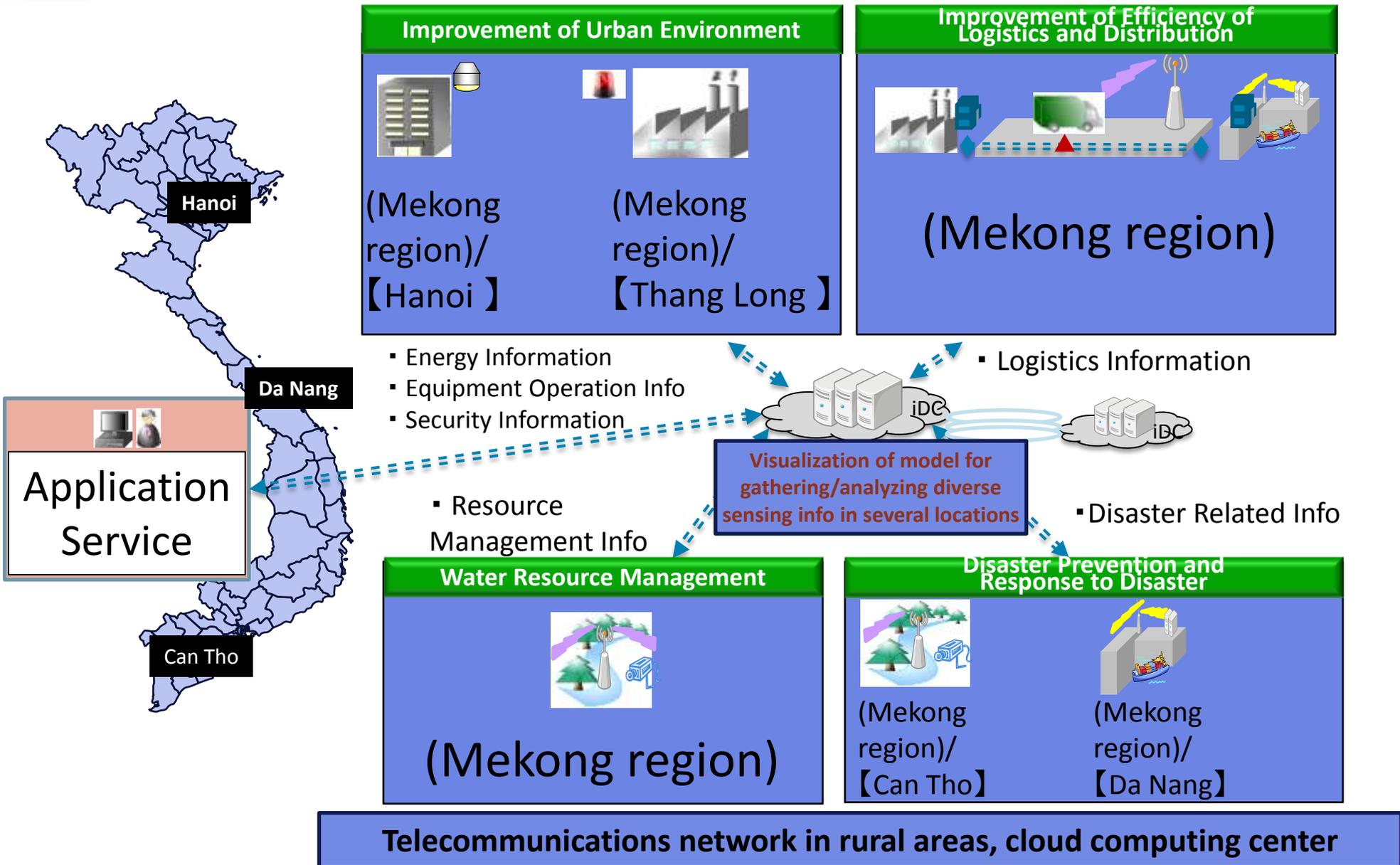
WebEOC<sup>®</sup>

System to support appropriate disaster response by **sharing, understanding & analysing** the emergency/disaster situation throughout the region on the web

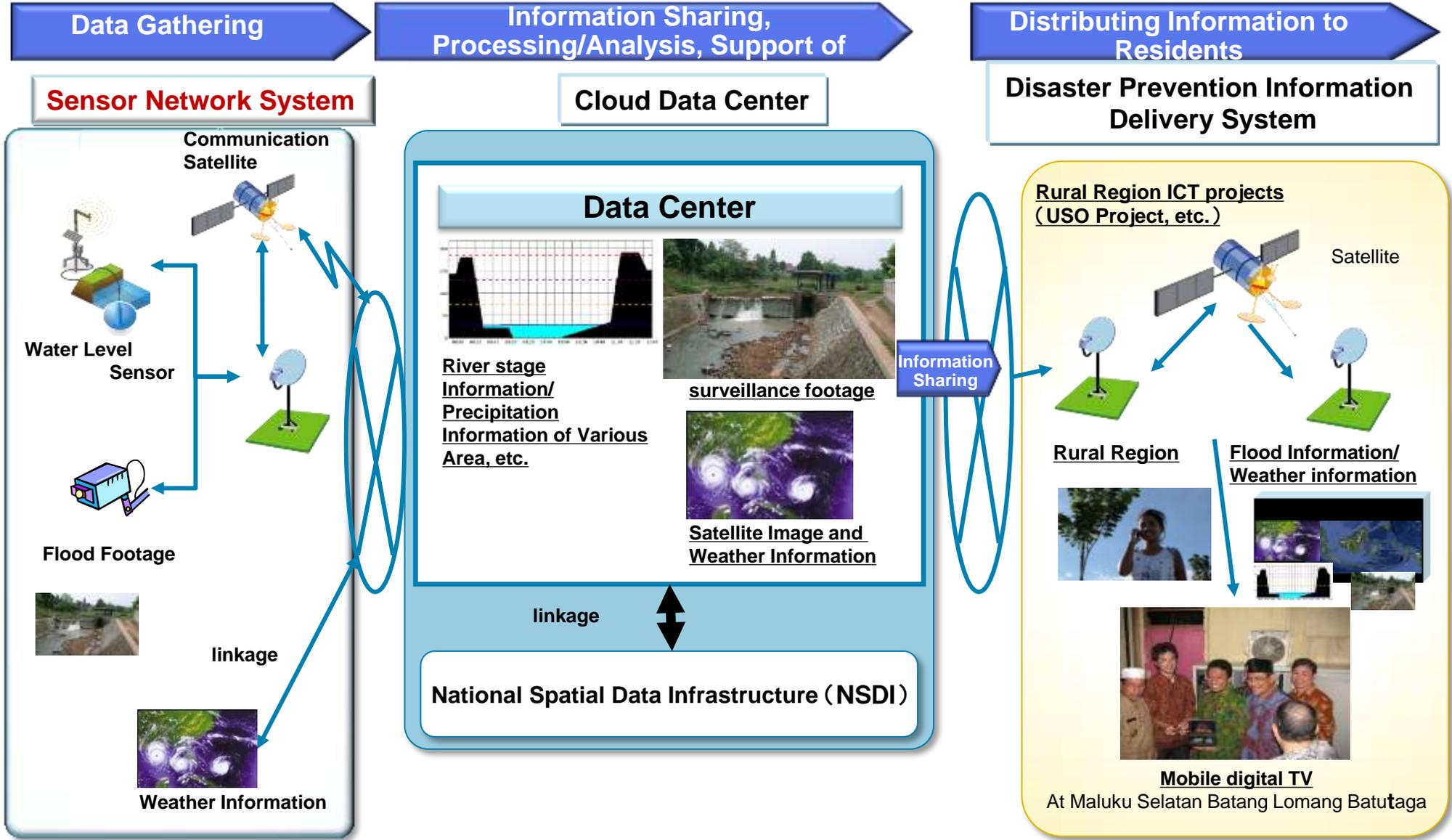
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※WebEOC: Web Emergency Operation Center

# 2.(output) Japan-ASEAN Public-Private Partnership Committee -Feasibility Study in Vietnam



# 3.(output) Japan-ASEAN Public-Private Partnership Committee -Feasibility Study in Indonesia



# 4.(background) Japan-ASEAN Public-Private Partnership Committee

## Objective

The goals were the greater promotion of cooperation between the public and private sectors in international ICT deployment for ASEAN member nations, and the strengthening of ties between Japan and ASEAN member nations.

The Council has three Study Groups on individual topics including disaster management system.

## Study Group on ICT for Disaster Management

Disaster management system utilizing ICT is now playing an important role to reduce human and economic losses in Japan, which is vulnerable to natural disasters such as earthquake, tsunami, typhoon.

Based on such experiences and knowhow to develop and operate ICT system, we are discussing substantial proposals in accordance with situations and demands of each ASEAN countries.

## Member

18 entities participating

Japan Radio Co.Ltd.	Hitachi Kokusai Electric Inc.	NEC Corporation	Asian Disaster Reduction Center	Keio University	FUJITSU LIMITED	National Institute of Information and Communications Technology	Pantel Corporation	NTT Communications
Okai Electric Industry Co., Ltd.	Mitsubishi Electric Corporation	Japan International Cooperation Agency (JICA)	NTT DATA CORPORATION	Hitachi, Ltd.	Nihon Unisys, Ltd.	Sumitomo Corporation	Panasonic System Networks Co., Ltd.	TOSHIBA CORPORATION

## 【Organization】

Japan-ASEAN Public-Private Partnership Council

E-Government

ICT for Disaster Management

Sensor Network

# 5.(background) Japan-ASEAN Public-Private Partnership Committee- Cases of ICT Usage for Disaster Management in Japan

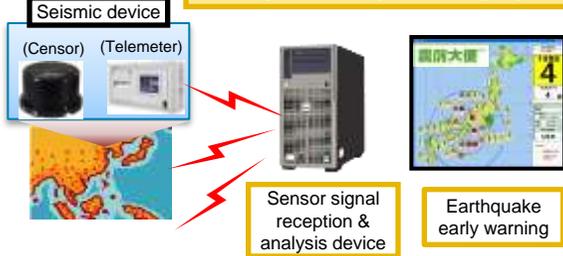
## Monitoring & information collection system

## Analysis & decision making system

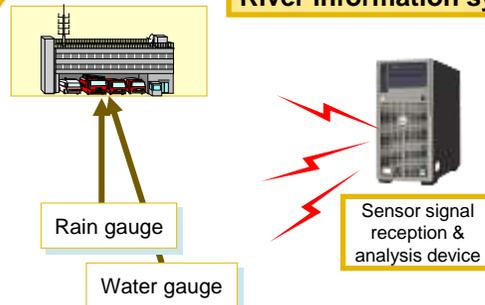
## Multicasting & announcement system

### Prediction & detection system

#### Earthquake Early Warning System



#### River information system

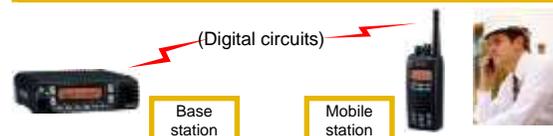


#### Heli-tele system



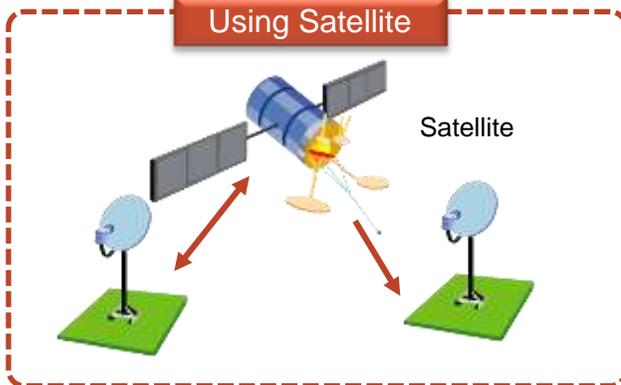
### Disaster countermeasure & rescue system

#### Digital disaster management radio system



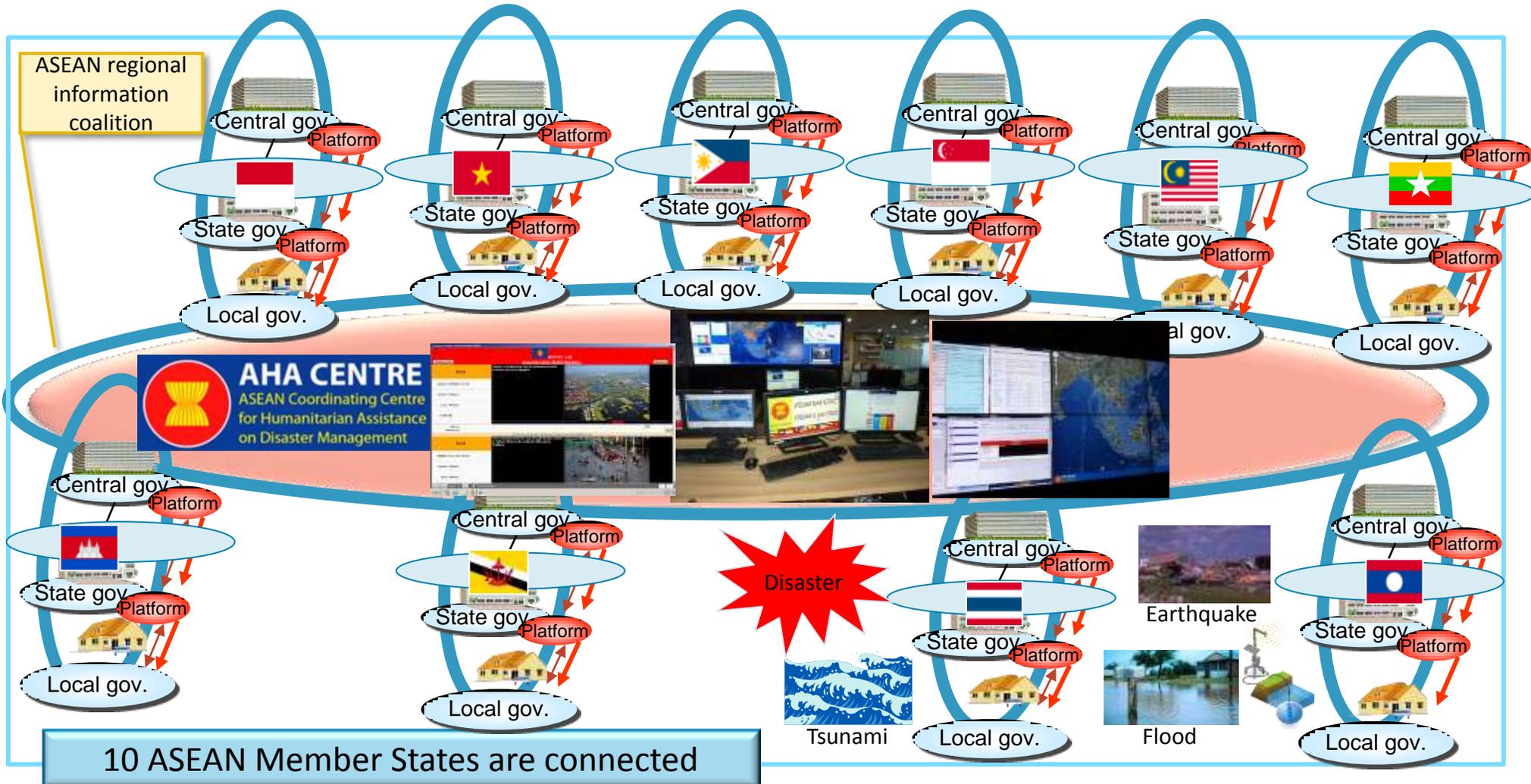
【庁舎施設の状況】

庁舎被害	<input type="radio"/> 有	<input type="radio"/> 無
庁舎内の異常	<input type="radio"/> 有	<input type="radio"/> 無
電気の使用	<input type="radio"/> 不可	<input type="radio"/> 可
水道の使用	<input type="radio"/> 不可	<input type="radio"/> 可
一般電話回線の支障	<input type="radio"/> 有	<input type="radio"/> 無
都市ガス	<input type="radio"/> 不可	<input type="radio"/> 可



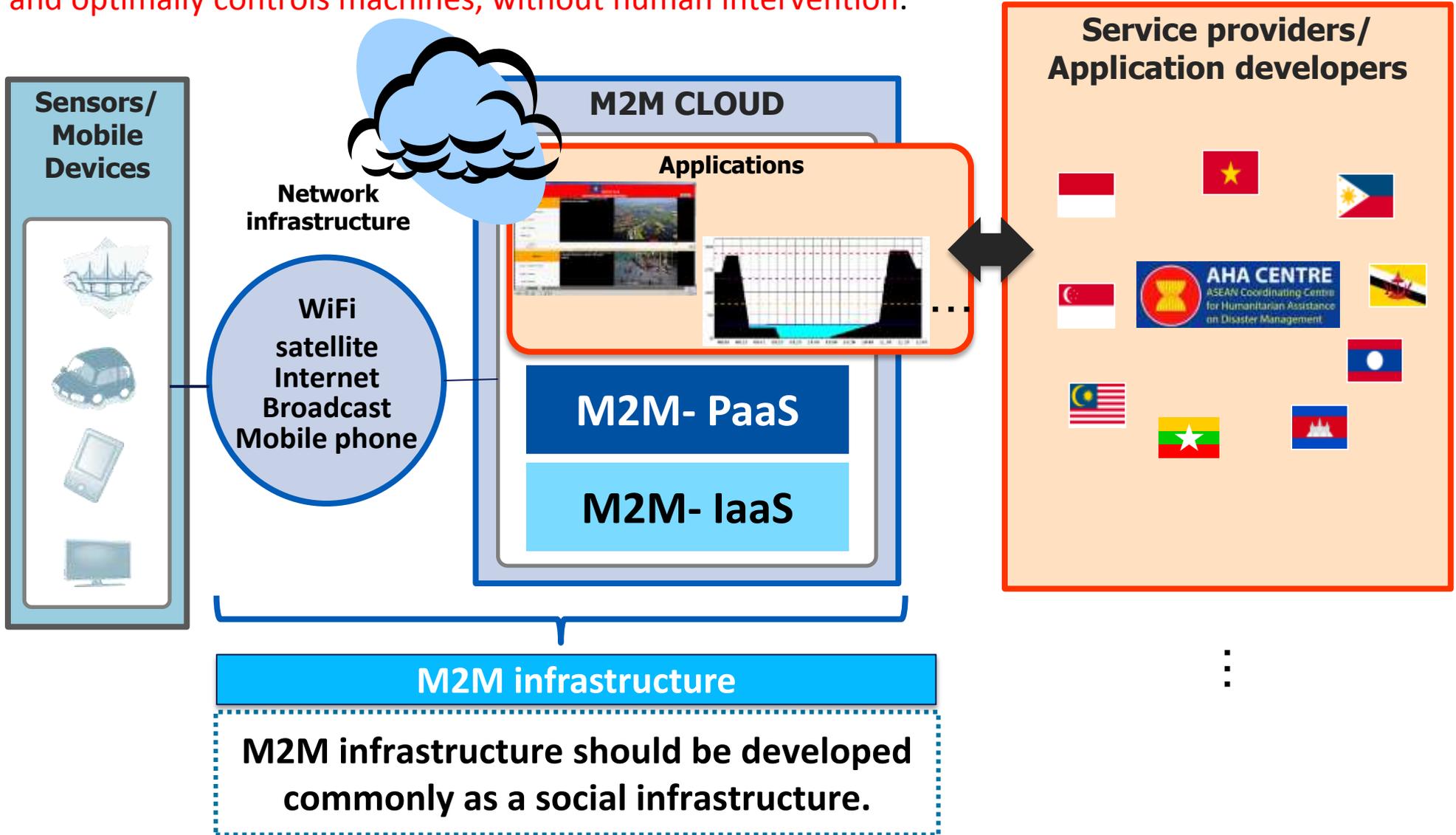
# 6.(adaptation) ASEAN regional information coalition

Idea of regional information coalition:  
10 ASEAN Member States are connected and safer community with strong resilience is realised.

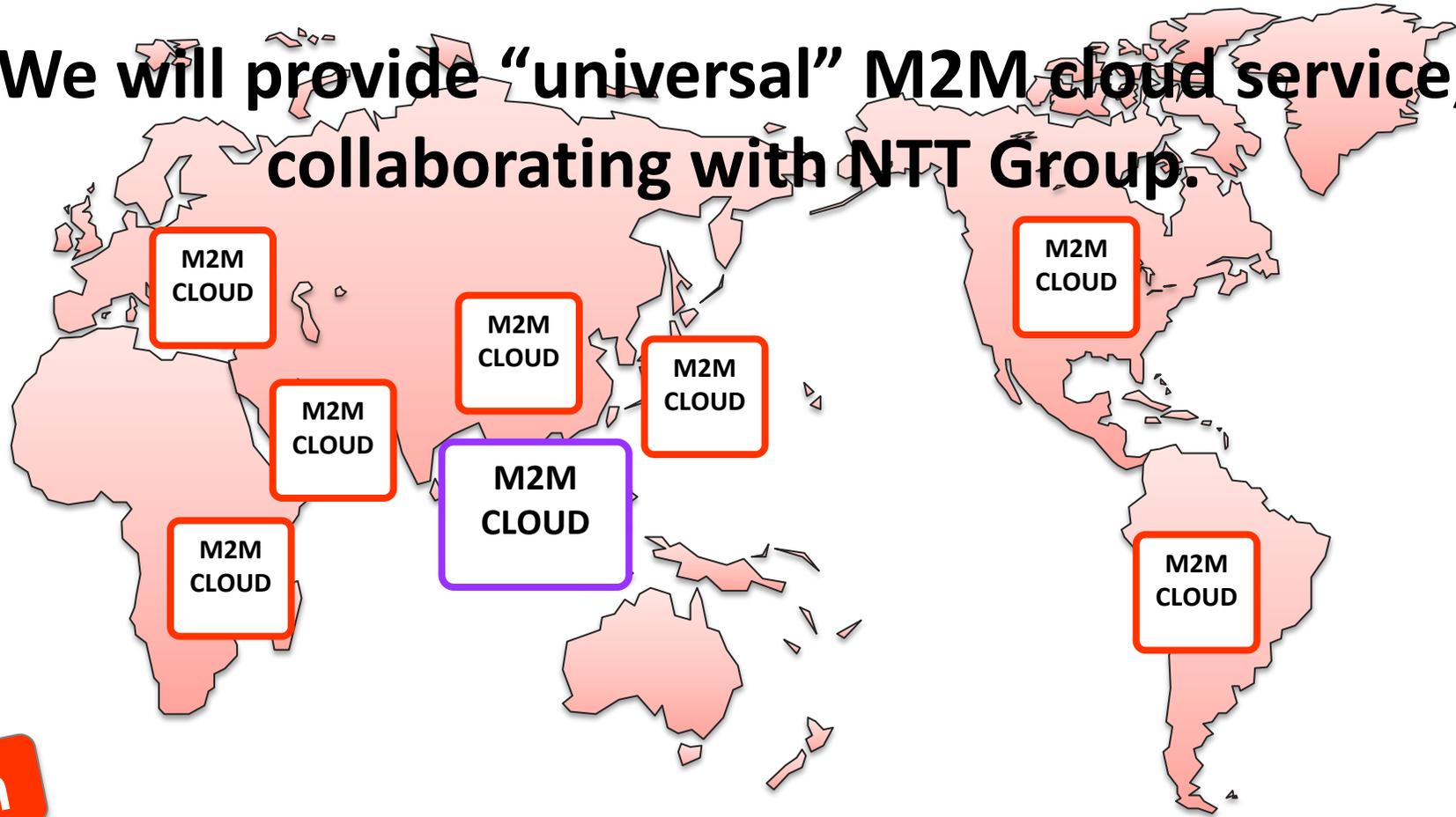


# 7.(proposal) M2M cloud as a common social infrastructure -What Is M2M?

Originally M2M means a system that connects and **automatically and optimally controls machines, without human intervention.**



We will provide “universal” M2M cloud service,  
collaborating with NTT Group.



**Vision**

Our M2M cloud can be used with sophisticated security

**by anyone, from anywhere, for any purposes**

## A long time ago in Japan...

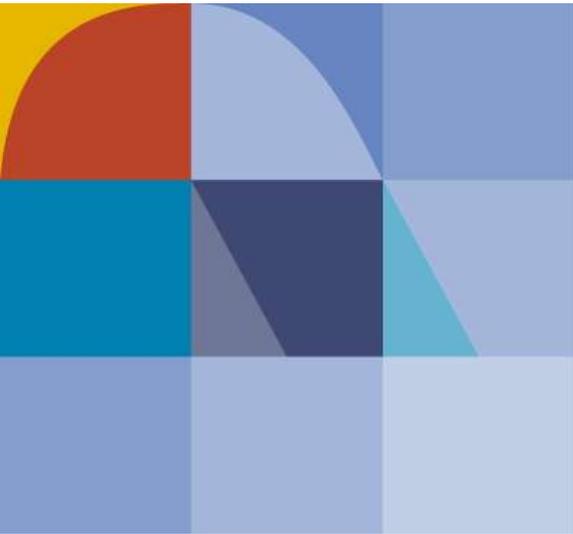


Ouch!

Any stranger?

Ring Ring Ring...

Thank you for listening to our presentation.



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