

# High Level Public-Private Forum on Cold Chain to Strengthen Agriculture & Food's Global Value Chain

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Ministry of Agriculture, Forestry and Fisheries, JAPAN  
19 Aug 2017  
Can Tho, Viet Nam

# Introduction

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- ◆ Cold chain is a concept of connecting production, storage, processing, distribution in cold.
- ◆ Food losses occur mostly during the early and middle stage of the food supply chain because of the lack of sufficient cold chain.
- ◆ Establishing and upgrading cold chain contributes to reducing food losses, which leads to achieve food security.



# Introduction

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◆ The sufficient cold chain enables small farmers and fishers to develop value-added food products.

◆ Cold chain is also necessary to fulfill the demand of diversified diet.





# The Cold Chain Forum Outline

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◆ Held on October 28 and 29, 2015, in Kagoshima Prefecture in Japan

◆ A response to “2013 ABAC Recommendations to APEC Leaders”

*“Reduce food losses and increase food safety through more effective use of cold chain technology and increasing awareness of food safety standards.”*

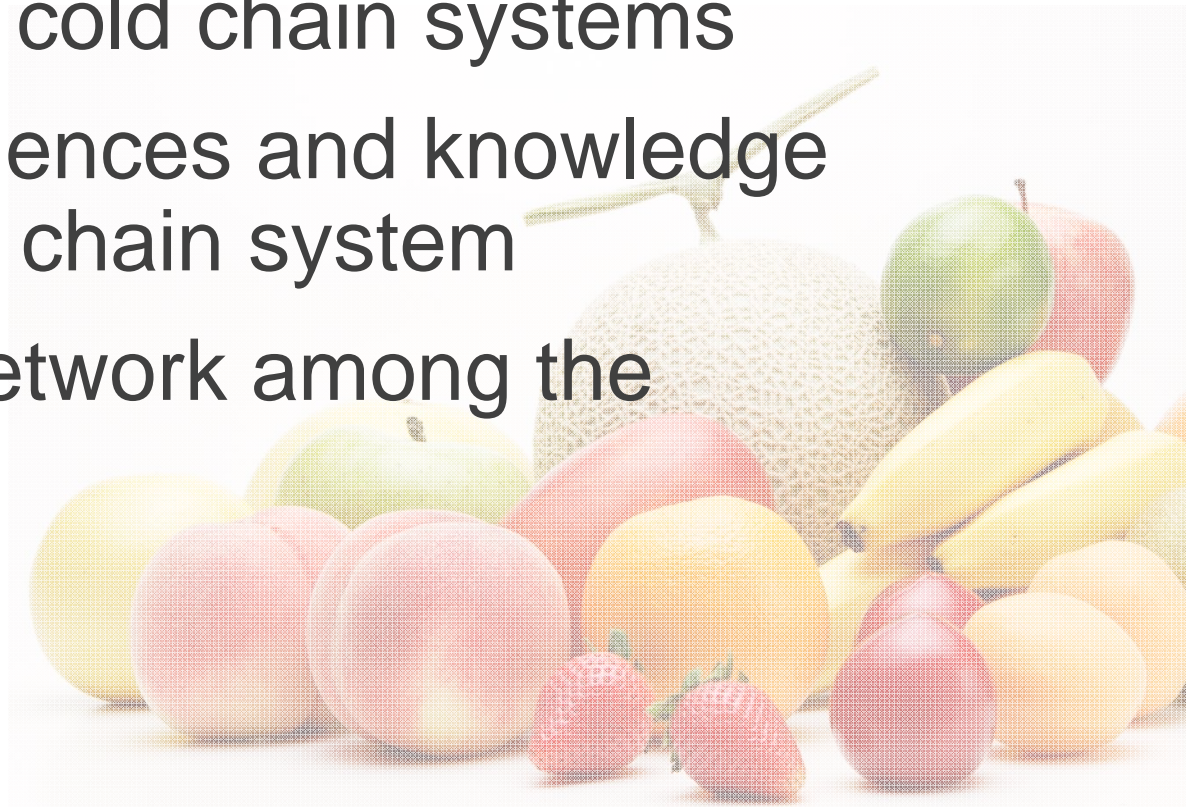
◆ Participants: 75 from 13 APEC economies, Cambodia, Laos, Myanmar, and some Japanese companies.



# The Cold Chain Forum Objectives

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- ◆ Understand the current situation and the benefits of cold chain systems
- ◆ Share experiences and knowledge regarding cold chain system
- ◆ Develop a network among the stakeholders



# The Cold Chain Forum

## Brief Agenda

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### **Day 1: October 28 (Wed), 2015**

Opening Session

Session 1: Global Food Value Chains and Cold Chains in Agriculture and Agribusiness

Session 2: Challenges in APEC Economies on Development of Cold Chains

Welcome Reception

### **Day 2: October 29 (Thu), 2015**

Session 3: Development of Cold Chains in collaboration among Public and Private Sectors

Session 4: Role of Public Sector in Cold Chains Development and Ways Forwards

Concluding Session

### **Day 3: October 30 (Fri), 2015**

Field Trip





# The Cold Chain Forum

## Agenda – Session 1

Session 1: Global Food Value Chains and Cold Chains in Agriculture and Agribusiness  
Facilitator: Dr. Ikuo KIMURA, Kagoshima University, Japan

1	Keynote Address 1: "The Cold Chain in Japan" Dr. Koichi AKIMOTO, Faculty of Commerce, Nagoya Gakuin University, Japan
2	Keynote Address 2: "Recent Development in the Cold Chain System in Japan - Toward the Food Value Chain -" Dr. Takeo SHIINA, Graduate School of Horticulture, Chiba University, Japan
3	Q&A and discussions
4	Lunch and Presentations & Exhibition on the Cold Chain Technologies from Japanese Private Companies



# Executive Summary – Session 1

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- ◆ Explanation about the cold chains situation in Japan and its technology
- ◆ The importance of public support and finance/banking
- ◆ The importance of soft component
- ◆ Exhibition of cold chain technology



# The Cold Chain Forum

## Agenda – Session 2

Session 2: Challenges in APEC Economies on Development of Cold Chains  
Facilitator: Mr.Kensuke SHIMURA, Mitsubishi UFJ Research and Consulting

1	Report on Cold Chain in APEC economies:"Focused Report on Cold Chain in APEC Economies" Mr. Kensuke SHIMURA, Mitsubishi UFJ Research and Consulting
2	Comments and Presentation by Philippines: "The National Cold Chain Program An Overview", "Philippine Cold Chain Project (PCCP) in Caraga" Dr. Edna M. MABEZA, Department of Agriculture, The Philippines
3	Comments and Presentation by Viet Nam: "Agro-products Preservation in Vietnam" Mrs. Le Thi Thanh HUONG, Vietnam Farmers' Union, Viet Nam
4	"Cold Chain Logistics In Myanmar" Mr. Ye Myint MAUNG, Myanmar Belle Co., Ltd., Myanmar
5	Announcement of APEC Cold Chain Networking Mr. Shigetoshi AOYAMA, Ministry of Agriculture, Forestry and Fisheries, Japan
6	Q&A and discussions

# Executive Summary – Session 2

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- ◆ The results of literature review and surveys were reported. Utilization of the global events and opportunities is important to tackle the fiscal burden.
- ◆ Preventing postharvest loss; producers' access to market information, banking technique, improvement in planting and harvesting, etc.
- ◆ A proposal on a creation of “on-line Cold Chain Forum” was raised by Japan's MAFF.





# The Cold Chain Forum

## Agenda – Session 3

Session 3: Development of Cold Chains in collaboration among Public and Private Sectors

Facilitator: Mr. Lowell RANDER, Global Cold Chain Alliance, The United States

1	"The Philippines' Potential" Mr. Jet AMBALADA, Royal Cargo, Inc., The Philippines
2	"COLD CHAIN in Japan" Mr. Motoyuki HAZU, Nichirei Logistics Corporation, Japan
3	"Implementation Approach of Cold Chain Systems for Emerging Economies in Asia Pacific" Mr. Kit CHAN, K-Farm, Malaysia
4	"APEC Forum on Cold Chains Development in Private Sector in Vietnam" Mr. Ngo Quang TRUNG, Swire Cold Storage Vietnam, Viet Nam
5	Q&A and discussions

# Executive Summary – Session 3

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◆ Cold chains' challenges, experiences, and lessons from business sector were shared.

◆ The participants exchanges their views on improvement of infrastructure under PPP, joint delivery from distribution centers to retailers in an area, etc.



# The Cold Chain Forum

## Agenda – Session 4

Session 4: Role of Public Sector in Cold Chains Development and Ways Forwards  
Facilitator: Mr. Kit CHAN, K-Farm, Malaysia

1	"Cold agricultural value chain in Vietnam: challenges and opportunities" Dr. Dao The ANH, Center for Agrarian Systems Research and Development (CASRAD), Viet Nam
2	"Perspective of Private Cold Chain Logistic to Strengthen Agriculture and Food Global Value Chain" Mr. Chusak CHUENPRAYOTH, Thai Chamber of Commerce, Thailand
3	"Preparave new technology for high quality frozen fish as “sashimi” and its principle-Suppressive effect of ATP on denaturation of fish muscle protein during frozen-" Dr. Ikuo KIMURA, Kagoshima University, Japan
4	"Issues in Global Cold Chain Development" Mr. Lowell RANDEL, Global Cold Chain Alliance, The United States
5	Q&A and discussions



# Executive Summary – Session 4


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◆ Role of public sector, existing and new agricultural policies, further cooperation in research and technologies, were discussed.

◆ The participants exchanges their views on countermeasures for hunger, improvement of food safety, and so on.





# On-line Cold Chain Platform




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**Conveyor and Sortation Systems in a Cold Room Environment**

By: [Anne Cochran](#) 3 months ago

White paper which is intended for warehouse and distribution industry professionals with cold room...

# On-line Cold Chain Platform

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- ◆ Supported by the US entity of Global Cold Chain Alliance.
- ◆ Members are those who are interested in cold chains from Government, Private, and Academia.
- ◆ Members can discuss any issues regarding cold chains, including policy, technology, and new products.





# On-line Cold Chain Platform Procedure for Participation

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## ◆ Create an account to join the Forum

Applicants send GCCA a message at [email@gcca.org](mailto:email@gcca.org) with

- the Forum's name (APEC Cold Chain Forum),
- their full names,
- email addresses,
- company names and mailing addresses

## ◆ They need their accounts and passwords issued by GCCA to enter the website. The website of the Forum is as follows:

<http://community.gcca.org/communities/community-home?CommunityKey=e6186548-a57b-4633-b1d0-ae85f0c75eed>

# Thank you for your attention!

Contact Point:

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JAPAN

Miki OKUMURA

(email: [miki\\_okumura700@maff.go.jp](mailto:miki_okumura700@maff.go.jp))

