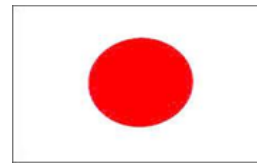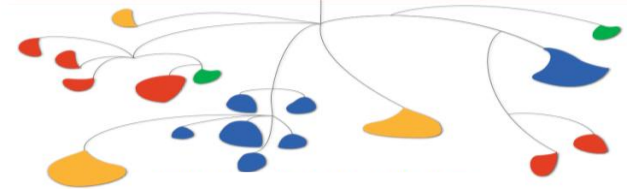# Strengthening agricultural market information in Thailand and the Philippine (MTF/RAS/359/JPN)

Kimihiko Eura
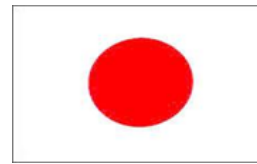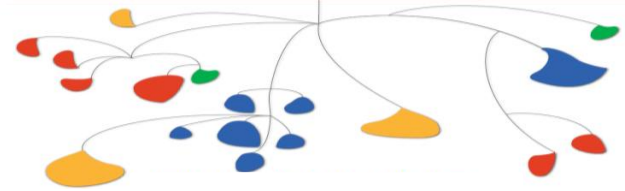
Project Coordinator

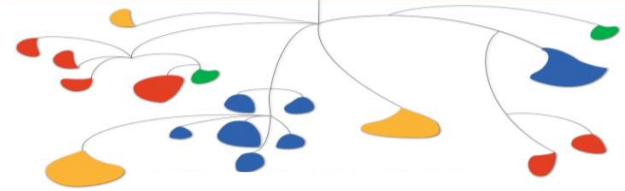FAO Regional Office for Asia and the Pacific (RAP)

Outline

1. **What is AMIS**

2. **AMIS Progress and Activities 2014-2015**

3. **The Project funded by Japan**

1. What is AMIS

AMIS Background

- A G20 initiative to increase food market transparency and reduce the likelihood of food price volatility
  - Crops: wheat, maize, rice, and soybeans
  - Focus: production, utilization, stocks, trade
- Overall structure & governance
  - AMIS Secretariat
  - Global Food Market Information Group
  - Rapid Response Forum
- Participants: G20 Members plus Spain and seven invited countries
- GEOGLAM launched at the same time
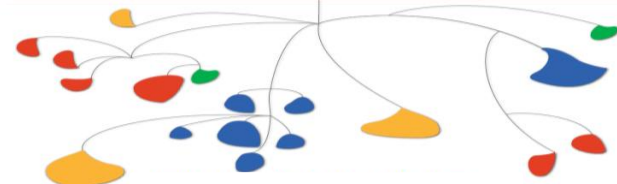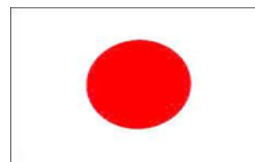
AMIS Background : coverage
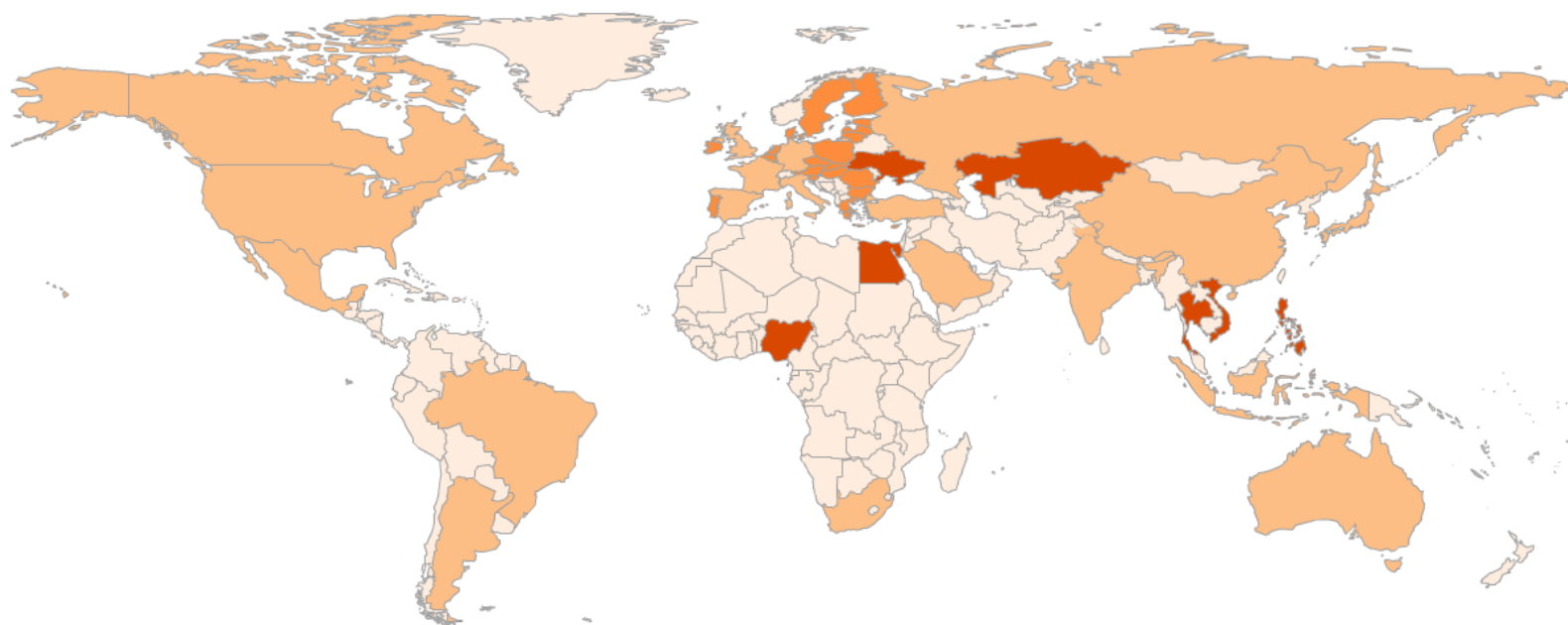
G20 Members & Spain   **Other EU Members***   **Invited Countries**

* Not participating in AMIS as individual countries, but collectively represented by the European Union
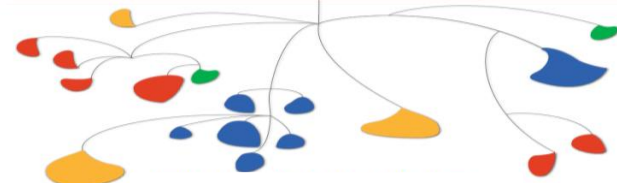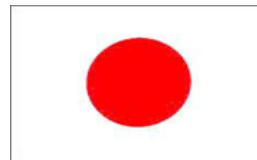
AMIS Results Framework: 2012-2017

Output 1: Information collection
Food market and policy information is collected, evaluated and disseminated

Output 2: Research
Relevant methodologies and indicators are developed

Output 3: Capacity development
Capacity of national data producers is strengthened

Output 4: Dissemination
Policy makers are effectively informed of the market situation

Output 5: Policy dialogue
Dialogue is strengthened among key stakeholders in international food markets

2. AMIS Progress and Activities 2014-2015
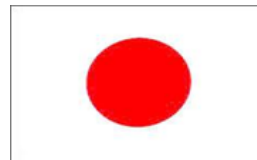
Information collection

- **Monthly decomposition of S&D balances**: Good progress with ten volunteer countries to better define national marketing year

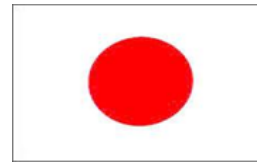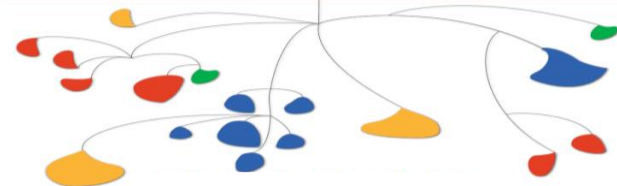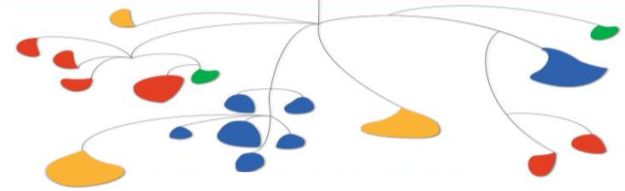- **Market indicators**: A new monthly contribution from USDA, monitoring the profitability of maize-based ethanol production in the USA

- **Policy database**: Prototypes well received in May and October 2014. Public launch later this year.

- **Exchange Programme:** First cycle with South Africa and Viet Nam proved very successful; China and India currently participating.

- **S&D forecasts**: Relatively slow progress in 2014. Strict timeline established for data submissions in 2015.

8

The ASEAN Stakeholders Meeting on the Implementation of the Global Strategy to Improve Agricultural and Rural Statistics, 15-17 June 2015, Bangkok, Thailand

Research

- **Estimating feed utilization**
  - Global scoping report finalized and published in April 2014
  - Feed model validated and improved – linking qualitative findings from country case studies with quantitative methods of feed-use estimation
  - Web application of the feed model currently being developed
- **Price transmission from global benchmarks**
  - Overview paper finalized and published in October 2014
  - Main finding currently being validated through quantitative analysis
- **Stocks Measurement**
  - International expert meeting identified best methodologies
  - National expert meeting in China scheduled for July 2015.

Capacity development

Japan (USD 1.4m) and Bill & Melinda Gates Foundation (USD 5.7m):

- **Philippines**: A new methodology for crop-cutting surveys developed and tested; Second Joint Workshop on Rice Data for Thailand and the Philippines in Dec. 2014.

- **Thailand**: Data quality assessed; a study tour to the Philippines organized; in-country training conducted; options for direct measurement of stocks at farm level considered.

- **Bangladesh**: Focus on measuring food grain stocks and improving production forecasts.

- **India**: Focus on measuring food grain private stocks.

- **Nigeria**: Focus on improving statistical practices and data access, market price information systems and production forecasts.
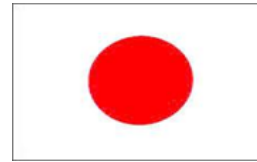
Dissemination

- Regular production of the AMIS Market Monitor plus its online version as of October 2014

- User survey conducted in December 2014 confirming the usefulness and relevance of the Monitor

- Extensive exchanges with GEOGLAM to develop innovative charts on growing condition in the Crop Monitor
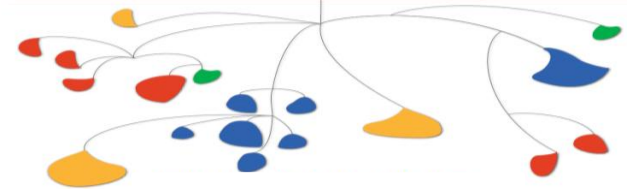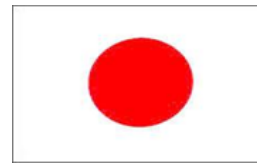
Policy dialogue

- 3rd Session of the Rapid Response Forum hosted by ABARE in Australia (March 2014); 4th Session hosted by DEFRA in the United Kingdom (March 2015)

- 5th Session of the Global Food Market Information Group hosted by SIAP in Mexico (May 2014); 6th and 7th Session in FAO (October 2014; May 2015)

- National workshops on feed utilization & other workshops under the capacity development projects
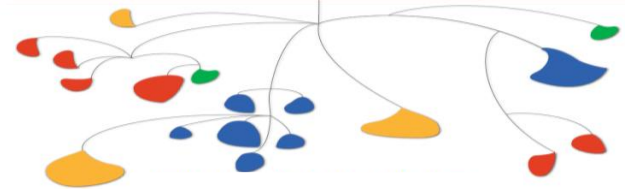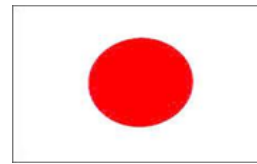
3. The Project funded by Japan
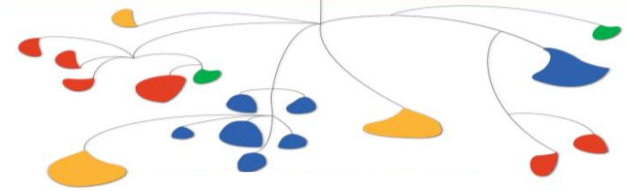
Project Overview

- Objective: To improve capacity of Thailand and the Philippines to deliver accurate statistics, effectively monitor rice markets and produce relevant data on food security

- Project Period: Nov. 2012 – Oct. 2015

   *The project will extend 3 months until Jan. 2016

- Total Budget: USD 1,417,770

Outputs

- Existing data on rice supply and demand assessed
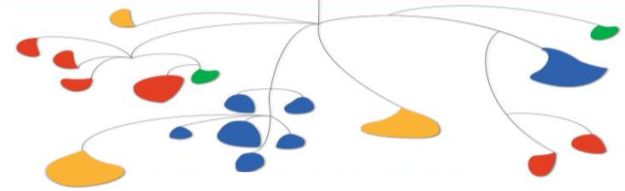
- Methodologies for estimating rice area, yield and production and stocks improved

- Guidelines prepared for the estimation of rice area, yield and production, and stocks

- Staff in National Statistical Offices and Ministries of Agriculture in Thailand and the Philippines able to apply improved methodologies

- Improved methodologies disseminated to other stakeholders
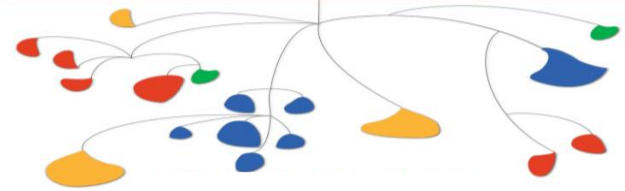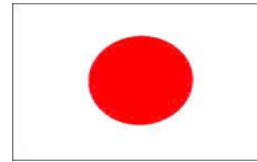
Progress of the Project
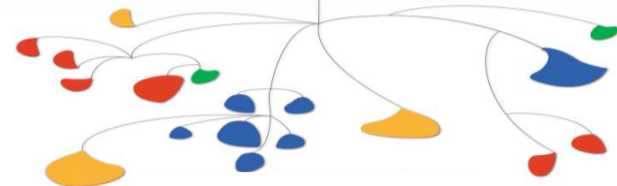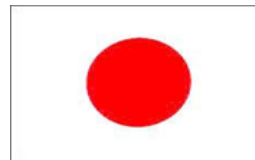
Completion of Status Report on rice

- Good practices have been identified
- Information on existing methodologies has been reviewed

Status of Rice Data in Thailand

Montol Jeamcharoen

1. Preface

Rice production survey consists of Planted Area survey and Yield survey.

The area of the paddy field in which rice was planted is estimated by Planted Area survey. In this case, the estimated area includes the area of water dyke, ponds, trees, huts and others. Therefore the actual planted area must be omitted the area of water dyke, ponds, trees, huts and others from the area of the paddy field in which rice was planted, but it is difficult to grasp the area of dykes by Planted Area survey. According to this, in Yield survey the actual planted area rate is estimated and then the net yield is obtained by multiplying the yield by the actual planted area rate.

Yield survey includes Crop cutting survey (for estimating the gross yield), Harvesting Loss survey (for estimating the harvest loss) and Dyke survey (for estimating the actual planted area rate). Interview survey to farmers also is conducted for obtaining additional data and information.

All the surveys are conducted by regional offices and enumerators have a training at least once a year. Central office conducts inspection of the surveys for quality control of data.

Rice forecasting is also conducted by using a model at central office. The main item in the forecasting are planted area, yield and production.

**Analysis of the Rice Data System in the Philippines**

INTRODUCTION

This report puts together all relevant information about the data system for rice in the Philippines. The sets of information presented in this report should be able to guide entities involved in the production and utilization of rice data. Through the comprehensive coverage of the report, data producers and users would have better understanding of the data system. Consequently, decisions regarding further development and/or maintenance of the system can be easily addressed. Similarly, users of data can be properly guided in optimizing the use of available data.

The report is organized in such a way that readers/users can easily follow and relate with the components and procedures adopted in the collection, processing, analysis and dissemination of data on rice in the Philippines. Four (4) major domains of the rice data system are identified in this report, namely; production, marketing, inventory of stocks, and utilization. The stages of the data system are described for each of the domains. The approach should enable readers to have an integrated view of the data system for rice in the Philippines.

An important aspect of this documentation is the assessment of the data system for rice. This is done by introducing the major uses of rice data and pointing out the perceived strengths and weaknesses of the data system in its current state. The report highlights the good practices being adopted in the agricultural statistical system of the Philippines. It also presents the measures taken up in addressing data gaps and other constraints.. The major conclusions of the analytical work are presented and complemented by some recommendations towards improved delivery of statistical products and services, particularly, those relating to rice
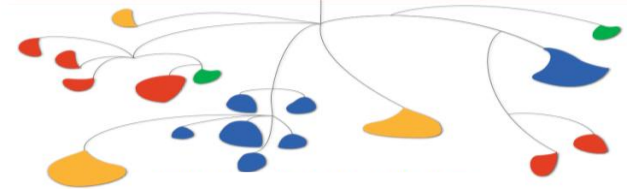
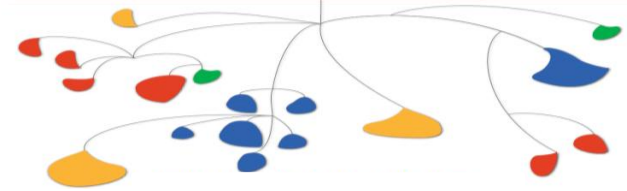# Organization of 1st joint workshop with both target countries to identify priority activities
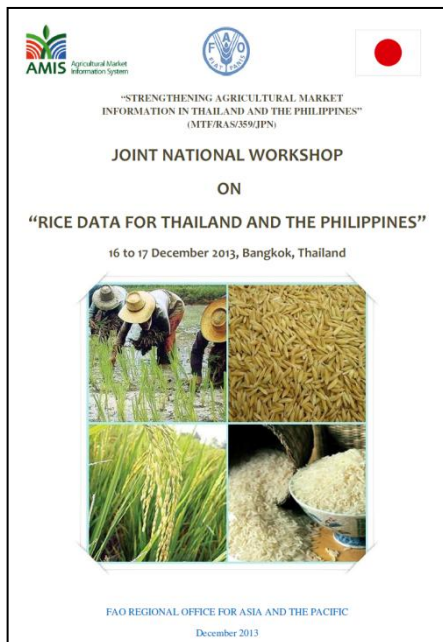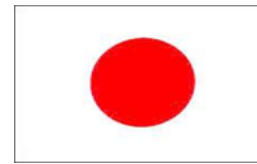
Developing Crop Cutting Survey in the Philippines

Input: Two International Consultant and survey equipment

ICs visited Philippines

during 22 June -5 July

Study Tour on Rice Data Quality Control System to the Philippines

Participants: Four Thai officers, Project Coordinator & National Consultant
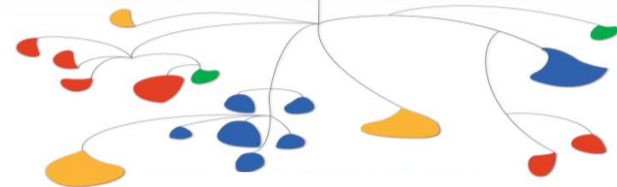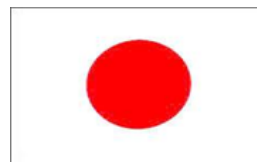
Duration: 29 June-4 July

Visited Agency:

PSA-BAS Central Office
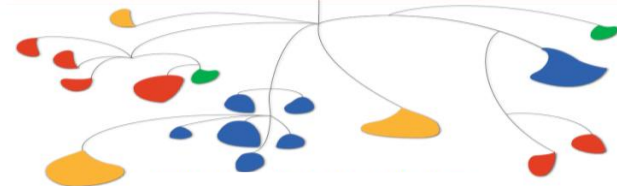
ROC III Pampanga

POC Batangas

Trainings on Data Quality Control for Rice Surveys in Thailand

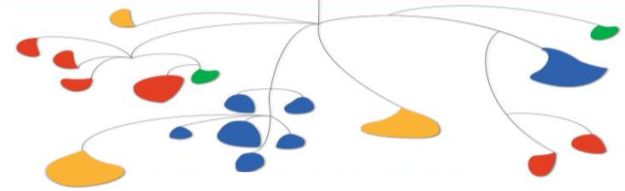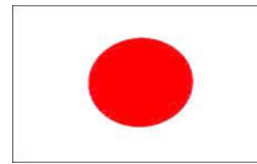Input: One International Consultant and Four Trainings (each 2 days)

Organization of 2nd joint workshop with both target countries and relevant agencies

- Review progress and plan ahead
- Build synergies with other initiatives (AFSIS/ADB-IRRI)
- Identify emerging practice

Summary Report

SECOND JOINT NATIONAL WORKSHOP
ON RICE DATA FOR THAILAND AND THE PHILIPPINES

"Strengthening Agricultural Market Information in Thailand and the Philippines" (MTF/RAS/395/JPN)

Manila, Philippines, 3-4 December 2014

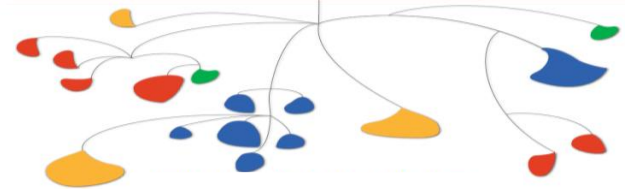# Conducting Pilot Crop Cutting Surveys in the Philippines

Input: Survey equipment and survey cost

- Procurement of survey kits and other equipment, supplies and materials and other related items

- Training of PSA Central Office staff

- Field operations will start in July and will run until October 2015 to cover the targeted 600 farmers from 100 villages in 5 provinces

- Report writing will be done in November up to December 2015.

- Target completion of the project will be December 2015

Trainings on improved methodologies of data quality control of rice surveys in Thailand

Input: One International Consultant and five days training
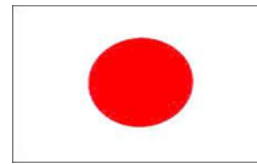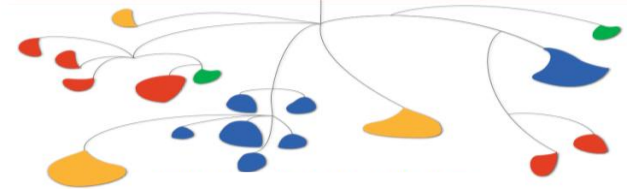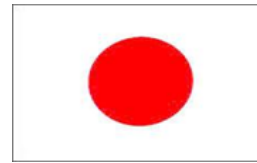
Upcoming Activities

Thailand

- Computer-Assisted Personal Interviewing (CAPI)

- Rice Utilization / On-farm rice stocks

The Philippines

- In-depth analysis of rice production/area survey data

- Supply Utilization Accounts (SUA)

Regional

- Final workshop with AFSIS: experience sharing

Thank you!! ☺