



Establishment of the ASEAN Food Security Information System (AFSIS) and Current Situations

The ASEAN Stakeholders Meeting on the Implementation of the Global Strategy to Improve Agricultural and Rural Statistics and the 8th Meeting of DG of Agricultural Statistics and Information in ASEAN+3

*15 -17 June 2015
Anantara Bangkok Riverside Resort & Spa,
Bangkok, Thailand*

*Mr. Montol Jeamchareon
AFSIS Manager*

AFSIS

(ASEAN Food Security Information System)

First Phase: 2003 – 2007

Second Phase: 2008 – 2012

➤ *Subsidiary Body under AMAF+3*

➤ *Funding Agency : MAFF, Japan*

➤ *Status*

▪ *2003 - 2012* —→ *Project*

▪ *2013 - onward* —→ *Transforming into the
Permanent Mechanism*

AFSIS

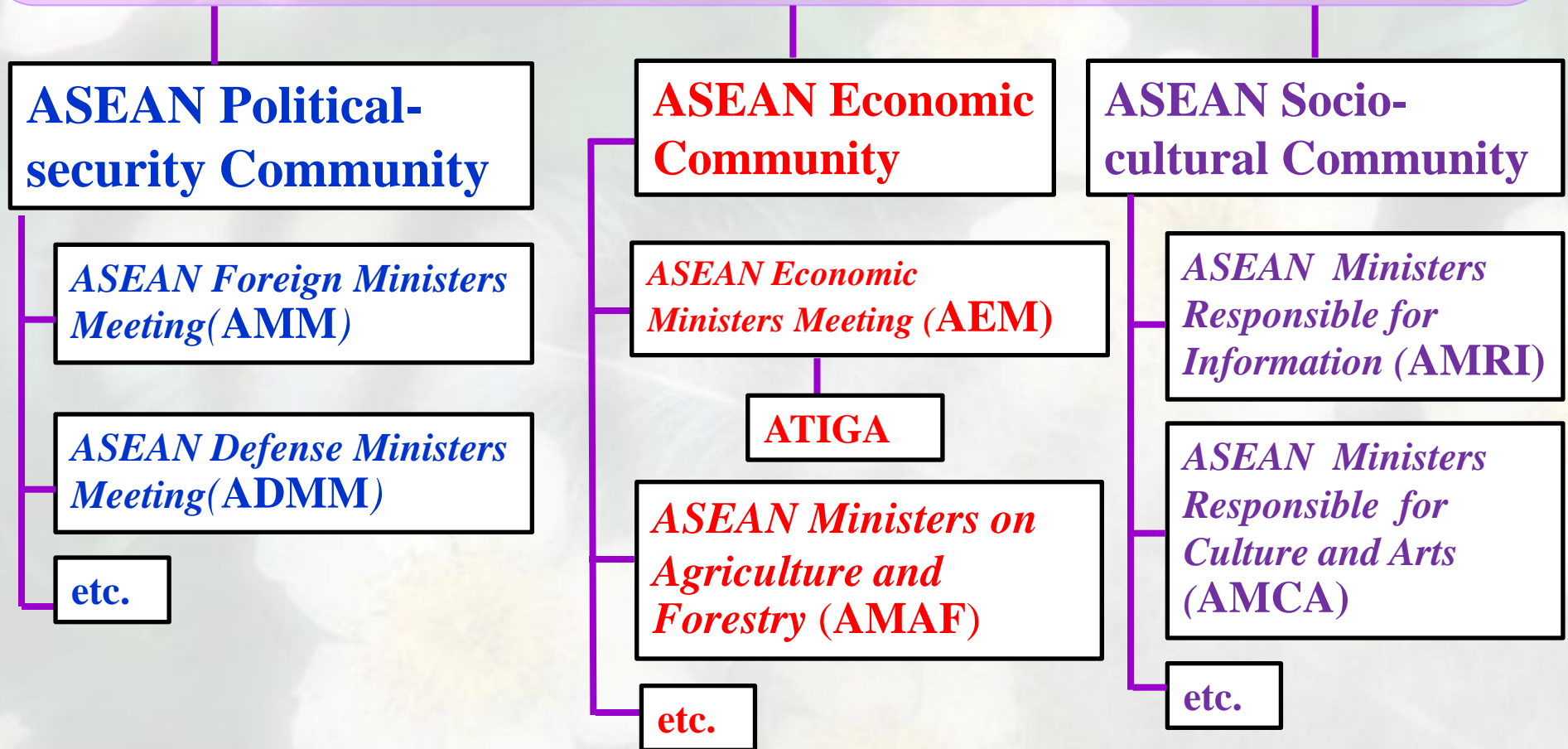
(ASEAN Food Security Information System)

Objective

To strengthen food security in the region through the systematic collection, analysis and dissemination of food security related information.

Status and structural Organization

ASEAN Sectoral Ministerial Bodies



Status of the AFSIS

**ASEAN Ministers on Agriculture and Forestry
(AMAF)**

APTERR

AFSRB

AFSIS

etc.

***Establish as a Subsidiary body under AMAF
and AMAF+3***

AFSIS Structure

➤ *AFSIS Board*

- *Director-General of Agri. Statistics and Information from APT countries*
- *Provide policy directions*
- *Give guidance for AFSIS implementation*

➤ *AFSIS Focal Points*

- *Working Committee of the AFSIS each APT Country*
- *Implement AFSIS activities*

➤ *AFSIS Secretariat*

- *Responsible for administrative coordination and facilitate necessary support to all activities*

Structural Body of AFSIS

AFSIS

*(ASEAN +3 Food Security Information System)
as Subsidiary body under AMAF and AMAF+3*

AFSIS Board

Provide policy & guidance

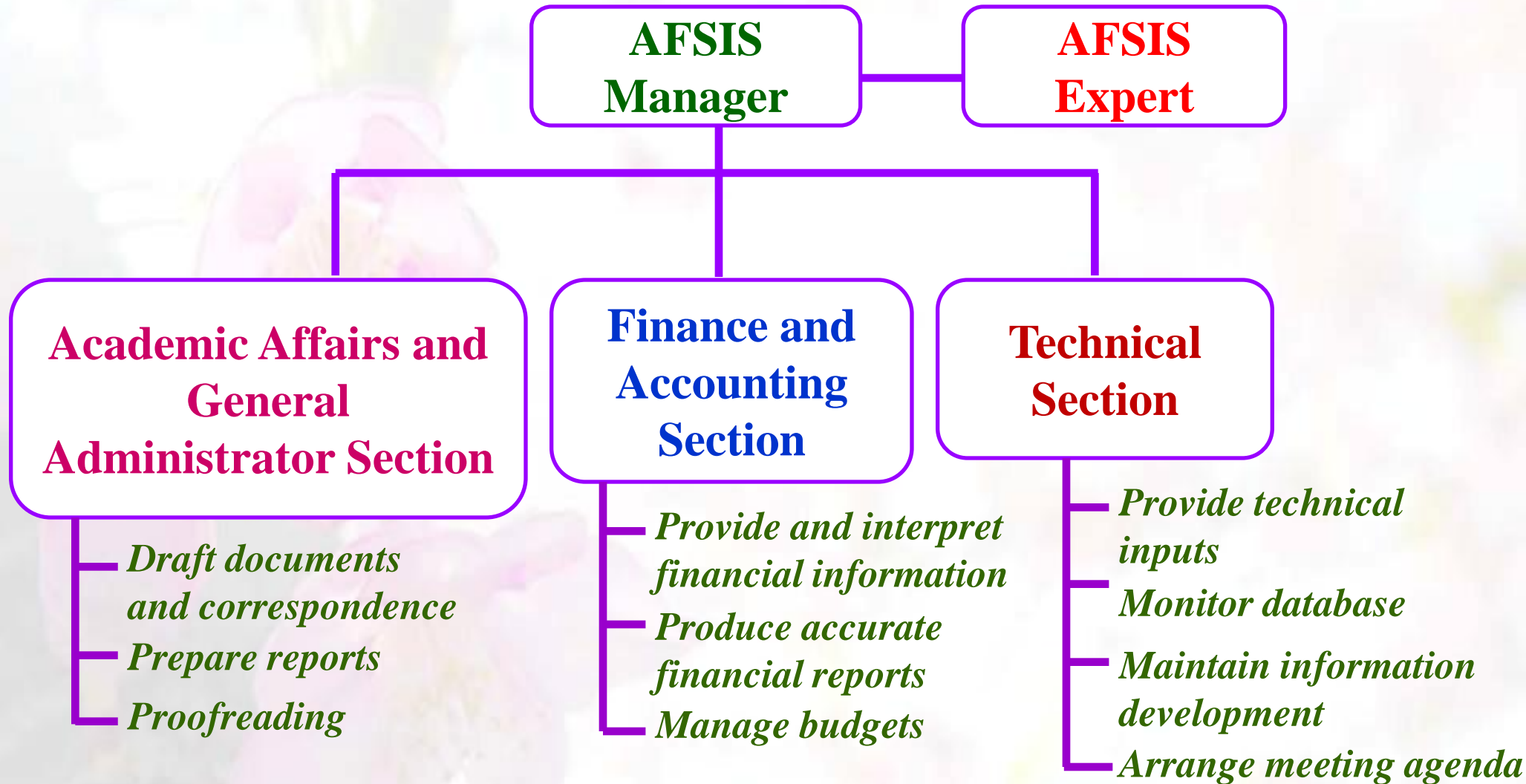
AFSIS NC by Focal point

- Representative of national level*
- Provide and support national data*
- National agencies for receiving and transmitting technology*

AFSIS Secretariat

- Coordinate with member countries and other organization*
- Provide technical support for information development*
- Act as a secretary in AFSIS Board and NCs Meeting*

AFSIS Secretariat Organizational Structure



AFSIS Products and Services



AFSIS Products and Services

1) AFSIS Database

2) Integrated Food Security Information

3) Training and Capacity Development

4) Cross Cutting and New Areas

1) AFSIS Database

- *Time series data (1985-2012)*
- *related to five major food crops (rice, maize, soybean, sugarcane, cassava)*
- *Planted & harvested areas, production and yields*
- *Crop calendar*
- *Wholesale/Farmgate prices*
- *Value and Quantity of Imports and Exports*

1) AFSIS Database (cont.)

- *Food Balance sheet*
- *Cost of production*
- *Population*
- *Total labor force*
- *Labor force in agriculture*
- *Gross Domestic Product (GDP)*
- *GDP in Agriculture*
- *Per capita income*
- *Land use*

AFSIS Website

www.afsisnc.org

www.afsisnc.org/publication



AFSIS

ASEAN Food Security Information System

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New Releases



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2) Integrated Food Security Information

2.1) Early Warning Information (EWI)

2.2) Agricultural Commodity Outlook (ACO)

2.3) Food Security Forecasting Model (FSFM)

2.4) Food Security Policy Briefs

***2.5) ASEAN Food Security Analysis Report
(AFSAR)***

EWI & ACO Reports

➤ *EWI Report: 2 Editions*

No.12

March 2014

No.13

September 2014

➤ *ACO Report: 2 Editions*

No.12

June 2014

No.13

December 2014

Early Warning Information Report



ASEAN FOOD SECURITY INFORMATION SYSTEM (AFSIS)

Report on Early Warning Information

No.14 March 2015



Table 10 Ratio of rice production to domestic utilization in ASEAN countries, 2013-2015

Unit: Tons

Country	2013			2014			2015		
	Production	Domestic Utilization	Ratio (%)	Production	Domestic Utilization	Ratio (%)	Production	Domestic Utilization	Ratio (%)
ASEAN	134,143,298	113,557,603	118.13	132,681,737	110,547,060	120.02	133,225,553	112,534,289	118.39
Brunei	1,237	34,311	3.61	1,498	33,549	4.47	1,543	34,464	4.48
Cambodia	5,946,202	4,119,145	144.36	6,009,575	4,242,719	141.64	6,287,482	4,255,448	147.75
Indonesia	41,703,696	41,865,000	99.61	41,306,423	41,956,000	98.45	41,191,758	41,966,000	98.16
Lao PDR	2,048,736	2,172,461	94.30	2,400,000	2,184,623	109.86	2,520,000	2,293,300	109.89
Malaysia	1,647,982	2,288,232	72.02	1,634,241	2,181,066	74.93	1,684,897	2,247,550	74.97
Myanmar	17,486,564	17,901,318	97.68	16,591,242	14,700,006	112.87	18,375,522	16,100,579	114.13
Philippines	12,059,381	12,854,101	93.82	12,345,129	12,833,297	96.20	12,602,704	13,033,048	96.70
Singapore	-	294,755	-	-	297,800	-	-	297,900	-
Thailand	25,080,125	10,907,000	229.95	24,313,630	10,777,000	225.61	22,311,647	10,881,000	205.05
Vietnam	28,169,375	21,121,280	133.37	28,080,000	21,341,000	131.58	28,250,000	21,425,000	131.86

Table 11 Ratio of rice beginning stock to domestic utilization in ASEAN countries, 2013-2015

Unit: Tons

Country	2013			2014			2015		
	Beginning Stock	Domestic Utilization	Ratio (%)	Beginning Stock	Domestic Utilization	Ratio (%)	Beginning Stock	Domestic Utilization	Ratio (%)
ASEAN	27,790,503	113,557,603	24.47	34,615,595	110,547,060	31.31	40,170,722	112,534,289	35.70
Brunei	25,409	34,311	74.05	7,749	33,549	23.10	6,308	34,464	18.30
Cambodia	1,280,376	4,119,145	31.08	1,300,788	4,242,719	30.66	1,206,800	4,255,448	28.36
Indonesia	2,300,140	41,865,000	5.49	2,609,825	41,956,000	6.22	2,188,204	41,966,000	5.21
Lao PDR	392,986	2,172,461	18.09	200,652	2,184,623	9.18	347,691	2,293,300	15.16
Malaysia	624,639	2,288,232	27.30	625,099	2,181,066	28.66	613,774	2,247,550	27.31
Myanmar	2,005,498	17,901,318	11.20	1,013,396	14,700,006	6.89	1,918,158	16,100,579	11.91
Philippines	2,524,200	12,854,101	19.64	2,125,500	12,833,297	16.56	2,149,571	13,033,048	16.49
Singapore	47,322	294,755	16.05	47,322	297,800	15.89	44,322	297,900	14.88
Thailand	16,742,371	10,907,000	153.50	24,328,520	10,777,000	225.74	28,875,150	10,881,000	265.37
Vietnam	1,847,563	21,121,280	8.75	2,356,744	21,341,000	11.04	2,820,744	21,425,000	13.17

Agricultural Commodity Outlook Report

ASEAN Food Security Information System (AFSIS)



Agricultural Commodity Outlook No. 13 December 2014

Released by AFSIS Secretariat
Office of Agricultural Economic (OAE)
Ministry of Agriculture and Cooperatives
Bangkok, Thailand
<http://www.afsisnc.org>

3) Training and Capacity Development

➤ Training Courses from 2003-2014

- Total 34 Courses

- 667 participants

*Training on “Advanced Learning Programme for ASEAN Food Security Professionals – Year 2”
20 - 29 November 2012
AFSIT Center,
Office of Agricultural Economics, Bangkok, Thailand*



*Training on
“The 2nd Forecasting Model”
26-30 May 2014
The Office of Agricultural
Economics, Bangkok,
Thailand*



4) Cross Cutting and New Areas

- Agricultural Information Institute of Chinese Academy of Agricultural Sciences (CAAS)*
- The Ministry of Agriculture, Food, and Rural Affairs (MAFRA)*
- The Remote Sensing Technology Center of Japan (RESTEC)*
- The Japan Aerospace Exploration Agency (JAXA)*
- The Asian Development Bank (ADB)*
- Food and Agriculture Organization of the United Nations (FAO)*

AFSIS Cooperation



*Handover Ceremony of FIVIMS Database and Server
22 June 2012 Office of Agricultural Economics, Thailand*



*Establishing Real-Time ASEAN Food Security Information Network & Developing Human Resources
2 April, 2014 Office of Agricultural Economics, Thailand*



***Asia-Rice Crop Estimation and Monitoring (Asia-RiCE) meeting
And Rice Growing Outlook Workshop 29-30 October 2014
Office of Agricultural Economics, Bangkok, Thailand***

Current Functional Implementations

- *Database Maintenance*
- *Dissemination of Publication*
 - *ACO, EWI, AFSAR*
- *FSI Training & Workshop*
 - *FSFM, Korea and China*
- *Exploring Partnership and Cooperation*
 - *FAO, ADB, JAXA, CAAS and etc...*

Establishment Implementation

➤ *The 4 main components in establishing the AFSIS into the Permanent Mechanism have been finalized.*

1. Structure

2. Products and Services

3. Financial Modality

4. Rule and Procedures

➤ *The Progress of the transformation of the AFSIS shall be submitted to the AMAF+3 Meeting in the Philippines in Sep. 2015 for endorsement*

➤ *The endorsement shall be entered into force from September 2015 onwards*

Procedures of the Transformation of the AFSIS in 2015

- *The 8th AFSIS DG Meeting, BKK, Thailand, 15-17 June*
 - *To consider the final draft of the documents related to the transformation of the AFSIS*
- *The 14th SSOM-AMAF+3 Meeting, August, Myanmar*
 - *To agree in principle before submission to the AMAF+3*
- *The 15th AMAF+3 Meeting, September, the Philippines*
 - *To sign and endorse the MOU of the establishment of the AFSIS*

THANK YOU

