



Establishing Real Time ASEAN Food Security Information Network and Developing Human Resource

December, 2019

*Korea Agency of Education, Promotion and Information Service
in Food, Agriculture, Forestry and Fisheries (EPIS)*

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1. Background of Real-Time AFSIS Project

1. Korea pledged to support AFSIS

- At the ASEAN+3 Ministerial Meeting, Korea pledged to support human capacity development by hosting training programs (2001)
- Korea irregularly provided support due to difficulties in securing budget

2. Limitations of Food Security Information

- ASEAN countries have inadequate or no agricultural statistics system
- AFSIS formally asked the Korean Government to improve the system (AFSIS LOI No.1303(April 2, 2013))

Real-Time AFSIS Project was needed

- Real-Time AFSIS helps to monitor international food supply and demand situation, and to take immediate action on food security issues

1-1. Proposal for AFSIS Project (LOI)

April 2, 2013

AFSIS as a representative of ASEAN member countries asked the Korean Government to improve the current level of food security information system both ASEAN and each country. (AFSIS LOI No.1303)



ASEAN Food Security Information and Training Center
Office of Agricultural Economics
Ministry of Agriculture and Cooperatives
Phahonyotin Road, Jatujak, Bangkok 10900, THAILAND
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No. 1303.AFSIS/98

3 April 2013

Mr. Sangman Lee,
Director,
International Development and Cooperation Division,
Ministry of Agriculture, Food and Rural Affairs,
Republic of Korea

Dear Sir,

**Subject: Establishing real time ASEAN Food Security Information
Network and developing human resource**

In the Post 2nd Phase, the AFSIS is willing to be the subsidiary body of AMAF+3. AFSIS is preparing to be a Self-sustained Permanent Mechanism from 2016, after undergoing transformation phase from year 2013 to 2015. We are truly thankful for all the support and cooperation the Government of Korea and ASEAN +3 countries have shown so far.

From year 2003, AFSIS has established a network system on food security and collected, utilized and analyzed statistical data of ASEAN + 3 countries. AFSIS has provided various food security information such as EWI(Early Warning Information) and ACO(Agricultural Commodity Outlook) report.

Furthermore, AFSIS wishes to be an ASEAN HUB for food security information that develops FSFM(Food Security Forecasting Model) and provides real time food security statistical information in the future. Additionally, through connection with international organizations such as FAO, APEC, etc., AFSIS hopes to contribute to the world statistical information system on food security.

In this regard, since November 2006 AMAF +3 meeting, AFSIS/AMAF+3 has requested to the Korean Government to continuously support the food security statistical information system as Korea is the one of the global IT powerhouses.

In order to successfully implement AFSIS in the future, *statistical information system* that connects each country's statistical data in real time is necessary. Therefore, we would like to ask the Korean Government to support AFSIS by establishing Regional Action Plan and statistical information connection system. Additionally, we kindly request Korea to continue the support of invitation training for the human resource development which we believe will be effective for the AFSIS.

ASEAN + 3 will give full support to the Korean Government for the success of its projects. For the details of the project proposal, we will closely cooperate with the Korean Government. The concept note of the project is enclosed herewith.

We look forward to expanding our collaboration with Korea.

Yours sincerely,

Mr. Montol Jeamchareon
AFSIS Manager

Enc. as stated

Office of Agricultural Economics
Tel. and Fax. +66-2 9407468

Email: montol.jeamchareon@gmail.com

Cc: Jaewon Song ,Deputy Director, International Development & Cooperation Division
Paul Chang,Ph.D., Senior Vice President, Korea Agency of Education, Promotion and Information
Service in Food, Agriculture ,Forestry and Fisheries

1-2. Record of Discussion between Korea and AFSIS

April 2, 2014

AFSIS and Korean Government(MAFRA) signed **the Record of Discussion** on establishing Real-Time ASEAN Food Security Information Network and Developing Human Resources



**RECORD OF DISCUSSION
BETWEEN
THE MINISTRY OF AGRICULTURE, FOOD AND RURAL AFFAIRS
OF THE REPUBLIC OF KOREA
AND
AFSIS SECRETARIAT
ON
ESTABLISHING REAL TIME ASEAN FOOD SECURITY INFORMATION
NETWORK AND DEVELOPING HUMAN RESOURCES**

The Ministry of Agriculture, Food and Rural Affairs (hereinafter referred to as "MAFRA") of the Republic of Korea and Korea Agency of Education, Promotion and Information Service in Food, Agriculture, Forestry & Fisheries (hereinafter referred to as "EPIS") visited the ASEAN Plus Three Food Security Information System (hereinafter to be referred as "AFSIS") from 1st April to 2nd April 2014, for the purpose of working out the details of project, Establishing Real Time ASEAN Food Security Information Network and Developing Human Resource (hereinafter referred to as "Project").

1. MAFRA proposes the Project in order to assist ASEAN to develop real time ASEAN Food Security Information Network.
2. MAFRA designates EPIS as an implementation agency.
3. EPIS and AFSIS agreed to implement the Project from 2014 to 2016.
4. The objective of the Project is to upgrade AFSIS into a real time statistics information hub to improve ASEAN Food Security and building capacity of the statistics experts in the targeting nations in the ASEAN region, thereby enhancing food security through swift react.
5. The Project has three activities:
 - 5.1 Establishing National Action Plans
 - 5.2 Establishing real time ASEAN food security information network
 - 5.3 Developing human resource
6. Implementing Agencies
 - 6.1 EPIS appoints the project management consultant (hereinafter referred to as the "PMC")
 - 6.2 PMC with supports from AFSIS establishes action plan and implements the real time statistics information network.
 - 6.3 EPIS with supports from AFSIS implements Human Resource Development

7. Expenses for consultation and management of AFSIS Secretariat will be covered by PMC. Budget plan of the Project shall be allocated and developed before implementing.
8. PMC shall visit AFSIS to analyze AFSIS database system, and AFSIS shall provide IT technicians to support database connection.
9. EPIS and AFSIS will develop the details of the Project in the "Project Implementation Document".
10. MAFRA and AFSIS consider Lao PDR to be the priority country to be implemented in 2014.
11. To implement the Project in the framework of AFSIS, the Project shall be endorsed by Focal Point.
12. AFSIS shall propose the Project to SOM AMAF+3 and AMAF+3 Meeting.

During the visit, MAFRA and AFSIS had a series of discussions with respect to the desirable measures to be taken for the successful implementation of the Project.

Signed at AFSIS Secretariat in Bangkok, the Kingdom of Thailand on the 2nd April 2014 by the representatives of both MAFRA and AFSIS in English.

For the Ministry of Agriculture, Food and
Rural Affairs of the Republic of Korea

Shin Hyang-Won
Deputy Director
Ministry of Agriculture, Food and Rural
Affairs of the Republic of Korea

For the ASEAN Food Security
Information System













Montol Jeanchareon
AFSIS Manager
AFSIS Secretariat

Mr. Lee Sanghun
Manager
International Trade & Cooperation, EPIS
Witness

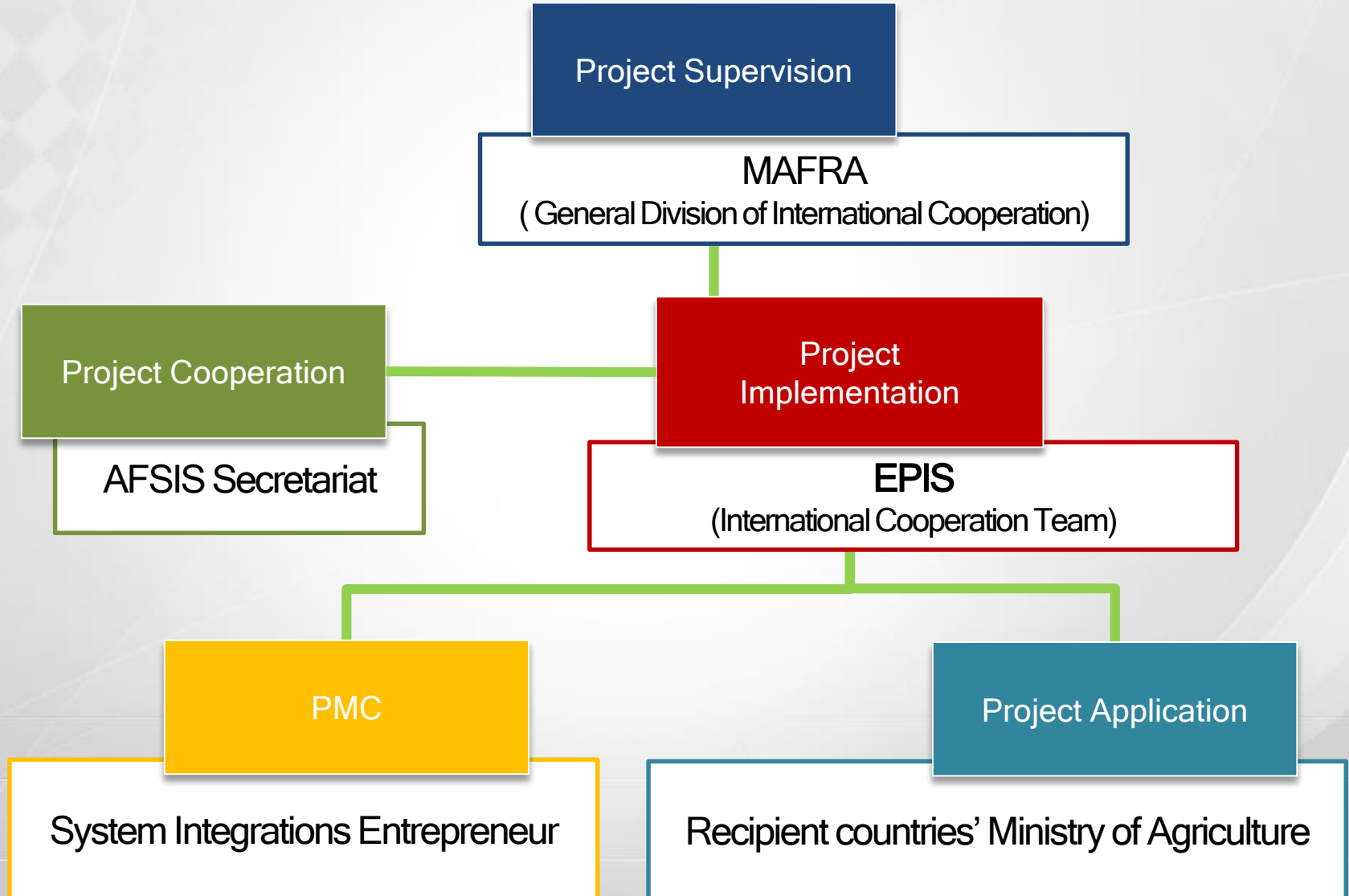
2. Introduction of Real-Time AFSIS Project

Project Title	<ul style="list-style-type: none">Establishing real time ASEAN Food Security Information Network and developing human resources
Target Countries	<ul style="list-style-type: none">Cambodia, Myanmar, Lao PDR, Vietnam, Indonesia, the Philippines, Thailand (AFSIS)
Project Components	<ul style="list-style-type: none">Establishing National Action Plans and building national food security information system, connecting the national systems to EPIS & AFSISDeveloping human resources to help utilize information system
Project Duration	<ul style="list-style-type: none">Establishing National Action Plans and building national food security information system, connecting the national systems to EPIS & AFSISDeveloping human resources to help utilize information system
Project Budget	<ul style="list-style-type: none">1st Phrase : Total about \$2,000,000 [\$463,000('14), \$648,000('15), \$555,000('16), \$278,000('17)]2nd Phrase : Total about \$2,000,000 [\$770,000('18), \$540,000('19), \$557,000('20) \$300,000('21)]
Supervising Organization	<ul style="list-style-type: none">Ministry of Agriculture, Food and Rural Affairs (MAFRA)
Implementing Agency	<ul style="list-style-type: none">Korea Agency of Education, Promotion and Information Service in Food, Agriculture, Forestry and Fisheries (EPIS)

2. Introduction of Real-Time AFSIS Project

	Phrase 1 (Production)				Phrase 2 (Distribution)				Phrase 3 (Forecasting / EWI)			
Year	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23	'24	'25
Target												
Number of Countries	1	2	2	1	2	2	2	1	1	2	2	1
Contents	<ul style="list-style-type: none"> ▪ Establish <ul style="list-style-type: none"> - Standard Model(1st Phrase) - National Agri-food Information System (NAIS) (inc. production, yield, quantity, etc) ** Customized for each recipient country situation ▪ Build Human Resources 				<ul style="list-style-type: none"> ▪ Establish <ul style="list-style-type: none"> - Standard Model(2nd Phrase) - NAIS (inc. Wholesale/ Retail Price, Public/ Private Stocks) - Mobile System (APPs) - EWI (Pilot in Philippines) ▪ Build Human Resources 				<ul style="list-style-type: none"> ▪ Establish <ul style="list-style-type: none"> - Forecasting/ EWI system - Monitoring System ** covered by ASEAN+3 ▪ Maintenance & Improvement('24~) ▪ Build Human Resources 			

2. Introduction of Real-Time AFSIS Project

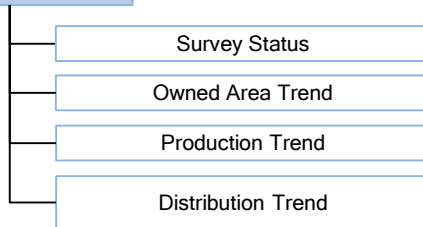


3. Project Concept

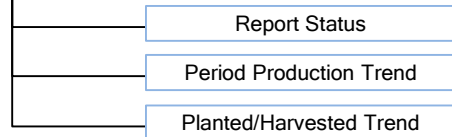
National Agri-food Information System (NAIS)

WEB & Mobile Services

Agricultural Stocks

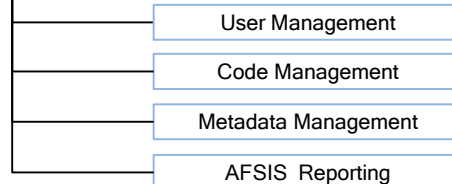


Report



Board

System



Sample of WEB Services

Survey Status

Navigation: Sugarcane Stock | Report | Board | System

Sub-navigation: Sugarcane Stock | Survey Status | Owned Sugar Cane Area Trend | Sugar Cane Production Trend | White Sugar Stock and Distribution Trend

Survey Status (Target Month: Year, Month)

Sugarcane Factory name	Owned Planting Area	Harvested Area	Production	Owned	Smallholding Farmers	Other Estate	Other Estate	Owned Production Average Yr
Total	30,000	-	-	-	-	-	-	-
Average	30,000	-	-	-	-	-	-	-
Sugarcane factory 1	30,000	-	-	-	-	-	-	-
Sugarcane factory 2	30,000	-	-	-	-	-	-	-
Sugarcane factory 3	30,000	-	-	-	-	-	-	-
Sugarcane factory 4	30,000	-	-	-	-	-	-	-
Total	30,000	-	-	-	-	-	-	-
Average	30,000	-	-	-	-	-	-	-

Statistic

Navigation: Sugarcane Stock | Report | Board | System

Sub-navigation: Sugarcane Stock | Survey Status | Owned Sugar Cane Area Trend | Sugar Cane Production Trend | White Sugar Stock and Distribution Trend

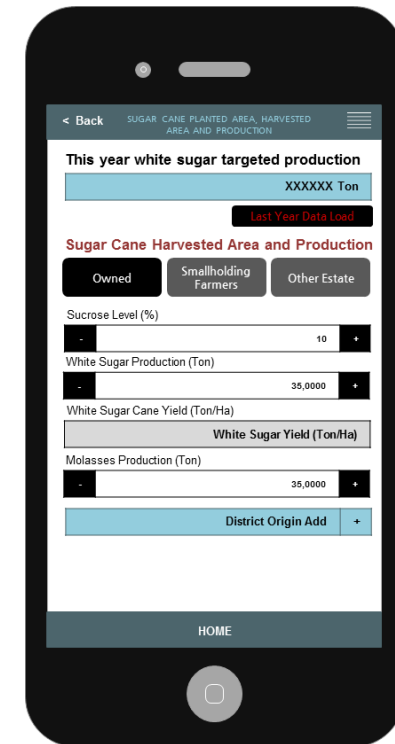
Owned Sugar Cane Area Trend (Daily, Monthly, Weekly)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2017	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
2018	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
2019	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
2020	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
2021	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000

Owned Sugar Cane Area Trend per Monthly (Line chart showing area trend from 2015 to 2016)

Sample Mobile Services

Android OS only



Mobile Survey for Strategy Crop(s)

4. Outcomes of Project (Laos, 2014)




H/W

- 1 AP Server
- 1 DB Server
- 22 PCS
- 1 Rack
- 1 UPS
- 1 Battery Case
- 1 Generator



S/W

- 1 Web Server
- 1 WAS
- 1 DBMS
- 1 Reporting Tool
- 1 Chart Component


National Agri-food Statistics System

HOME
Report
Publication
Manual
Administrator

HOME
Report | Publication | User | Bulletin | Freeboard | Code

Administrator4 logged Spirit. Report > Add_Report


Logout My Page

Administrator

- Administrator
- Report
- Publication
- User
- Bulletin
- Freeboard
- Code

User Manual

Year Book



Report

Enter The Query Conditions Close

Searching Condition:

Report Period: ~

Search

Report List

No	Title	RegUser	Report Period	Status
19	Raining season crops 2015-2016		23/03/2017 ~ 23/03/2017	Start Stop End Complete
18	Livestocks 2016		23/03/2017 ~ 23/03/2017	Start Stop End Complete
17	Dry season crops 2015-2016		23/03/2017 ~ 23/03/2017	Start Stop End Complete
16	Rainy season Crops 2014-2015		01/09/2016 ~ 01/09/2016	Start Stop End Complete
15	Rainy season Crops 2014-2015		01/09/2016 ~ 01/09/2016	Start Stop End Complete
14	Dry season Crops 2014-2015		01/09/2016 ~ 01/09/2016	Complete
13	Livestocks 2015		01/09/2016 ~ 01/09/2016	Start Stop End Complete
12	Rainy season Crops 2013-2014		01/09/2016 ~ 01/09/2016	Start Stop End Complete
11	Dry season Crops 2013-2014		01/09/2016 ~ 01/09/2016	Start Stop End Complete
10	Livestocks 2014		01/09/2016 ~ 01/09/2016	Start Stop End Complete

1 . 2

Create

4. Outcomes of Project (Cambodia, 2015)



H/W

- 1 WEB Server
- 1 DB Server
- 1 Rack
- 1 UPS
- 2 PDUs
- 27 PCs, etc

S/W

- 1 Web Server
- 1 WAS
- 2 Server OS
- 2 Antivirus
- 1 DBMS
- 1 Reporting Tool

Welcome! [Logout](#) [My Page](#)

[N A I S](#) [Master Management](#) [Survey Implementation](#) [Provision Management](#) [System Admin.](#)

Master Management

Survey Mgmt.

- List
- Create
- Select UIC

Report Mgmt.

- **List**
- Create

Operation

- Report Approval
- Survey Operation
- Survey Approval

[User Manual](#)

Report

Report Date: Title:

[Search](#)

<input type="checkbox"/>	Report Title	Report Period From	Report Period To
1	<input type="checkbox"/> Weekly-5(29-31/05/2017)	2017-05-29	2017-05-31
2	<input type="checkbox"/> Weekly-4(22-24/05/2017)	2017-05-22	2017-05-24
3	<input type="checkbox"/> Weekly-3(15-17/05/2017)	2017-05-15	2017-05-17
4	<input type="checkbox"/> Weekly-2(08-10/05/2017)	2017-05-08	2017-05-10
5	<input type="checkbox"/> Weekly-1(01-03/05/2017)	2017-05-01	2017-05-03
6	<input type="checkbox"/> Weekly-4(27-30/03/2017)	2017-03-27	2017-03-30
7	<input type="checkbox"/> Weekly-3(20-23/03/2017)	2017-03-20	2017-03-23
8	<input type="checkbox"/> Weekly-2(13-16/03/2016)	2017-03-13	2017-03-16
9	<input type="checkbox"/> Weekly-1(06-09/03/2017)	2017-03-06	2017-03-09
10	<input type="checkbox"/> Weekly-4(27/02 - 02/03/2017)	2017-02-27	2017-03-02

Page 1 of 3 View 1 - 10 of 27

[Modify](#) [Delete](#) [Create](#) [Template Download](#)

KOCOA

4. Outcomes of Project (Philippines, 2015)



H/W

- 1 AP Server
- 2 PCs
- 1 UPS
- 70 Tablets

S/W

- 1 WAS
- 1 Web Server
- 1 Server OS
- 1 DBMS
- etc.

National Agri-food Information System

Welcome! PH_admin [Logout](#) [My Page](#)

NAIS Master Management Survey Implementation Provision Management System Admin.

Survey Mgmt. | Operation

Master Management

Survey Mgmt.

- List
- Create
- Select UIC

Operation

- Survey Operation
- Survey Approval

[User Manual](#)

Survey List

Product Category: ALL Product Item: ALL

Create Date (From - To): 2016-12-16 - 2017-01-16 Survey Status: All

[Search](#)

	Order	Product Date	Res	Creator
1				PH_admin
2				PH_admin
3				PH_admin
4				PH_admin
5				PH_admin
6				PH_admin
7				PH_admin
8				PH_admin
9				PH_admin
10				PH_admin

Page 1

View 1 - 10 of 31

[Create](#) [Delete](#)

KOCCO
Korea-Oceania Cooperation Agency

4. Outcomes of Project (Vietnam, 2016)




H/W


- 1 AP Server
- 1 DB Server
- 20 Desktops
- 5 Laptops
- 22 Tablets

S/W

- 1 WAS
- 1 Web Server
- 2 Server OS
- 1 DBMS
- etc.


NAIS

Market Price
Report
Annual Report
Board
System

Administrator


Annual Report
Status
Management
Annual Form

Report Status Sub Area List

District Eng Name	Approval Status	Approved Date	ETC
<div style="display: flex; justify-content: space-between; align-items: center;"> ▼ Tinh Bac Lieu (7 / 7) Download by Province Approval Reject Total by Province </div>			
Bac Lieu City	Finish Report	29 Nov, 2016 09:03:04	Download
Hong Dan District	Finish Report	29 Nov, 2016 09:03:04	Download
Phuoc Long District	Finish Report	29 Nov, 2016 09:03:04	Download
Vinh Loi District	Finish Report	29 Nov, 2016 09:03:04	Download
Gia Rai Town	Finish Report		Download

Bac Lieu City Data

Department of Agriculture and Rural development of _____ Date of sending report: From 16th until 20th of every month
Table: 01/NN/T Recipients: Centre for information technology and Statistics

MONTHLY REPORT ON AGRICULTURAL PRODUCTION, FORESTRY AND SALT, FISHERIES

As of the 15th / - / 201_

(The data accumulated from the beginning of the year or beginning of the season until May 15 report)

Indicators	Unit	Crop or year plan	Perform the same period last year	Estimated implication
B	C	1	2	2
A. Production result				
I. Agriculture				
1. Crops				
1.1. Cereal crops				
Paddy/report according to 3 crops				
Winter spring paddy				
→ Planted area	Ha	30	20	30
- Early sowing	Ha	300	400	500
- Main sowing	Ha			
- Late sowing	Ha			
→ Harvest area	Ha			
→ Estimated yield per harvested area	Quintal/ha			
→ Estimated production from harvested area	Tone			
Autumn paddy				
→ Planted area	Ha			
- Early sowing	Ha			

MARKET LIST

Date

Market

- > Lào cai-Bắc Hà-Chợ Bắc hà
- > Lào Cai-Bảo thắng-Phố lu
- > Lào cai-Bảo yên-Phố Ràng
- > Lào cai-lào cai-Chợ cóc lều
- > Lào cai-lào cai-Chợ Hà khẩu
- > Lào Cai-Lào cai-CK Lào Cai (chợ đường biển)
- > Lào Cai-Lào Cai-Giá vối
- > Lào cai-Sa pa-Chợ đầu mối

Input the Data

4. Outcomes of Project (Indonesia, 2016)



H/W

S/W

- 2 Laptops
- 70 Tablets

- 1 DBMS
- etc.

NAIS
Sugarcane Stock Report Board System

Sugarcane Stock
Survey Status
Owned Sugarcane Area Trend
Sugarcane Production Trend
White Sugar Stock and Distribution Trend

Survey Status

Target Month

2016

▼

Oct

Q

D

Sugarcane Factory Name	Initial Planted Area (ha)	Harvested Area (ha)	Damaged Area (ha)	Newly Planted Area (ha)	Existing Area (ha)
PT. PSMI_Factory	12,345.00	1,234.00	1,233.00	253.00	10,243.00
Candi	58,800.00	887.00	6,585.00	0.00	51,328.00
testfactory_update	-	-	-	-	-

NAIS
Stok Gula Laporan Laporan Tahunan Board Sistem
 Administrator

Stok Gula
Status Survey
Luas Areal Tebu Sendiri
Produksi Tebu
Persediaan dan Distribusi Gula Kristal Putih

Daftar Pabrik Gula

Nama Pabrik Gula:

Wilayah: Semua Semua

Status Perusahaan: Semua

NO	Nama Pabrik Gula	Nama Perusahaan	Status	Nama Provinsi	Nama Kabupaten	Nomor Telepon	Email
1	Assembagoes	PTPN XI	Aktif	JAWA TIMUR	KABUPATEN SITUBONDO	0338-451018	
2	Bone	KUASA DIREKSI PTPN X	Aktif	SULAWESI SELATAN	KABUPATEN BONE	0481-2915004	pabrik_gula_bone@yahoo.co.id
3	Bungamayang	PTPN VII	Aktif	LAMPUNG	KABUPATEN LAMPUNG UTARA	0724-7330085	distrik_buma@ptpn7.com
4	Camming	KUASA DIREKSI PTPN X	Aktif	SULAWESI SELATAN	KABUPATEN BONE	0482-2425016	pgcamming@gmail.com
5	Candi	PT. Candi	Aktif	JAWA TIMUR	KABUPATEN SIDOARJO	031-8921001	pgcandibaru@gmail.com
6	Cintamanis	PTPN VII	Aktif	SUMATERA SELATAN	KABUPATEN OGAN KOMERING ILIR	0712-322033	su-dima@ptpn7.com
7	Djatiroto	PTPN XI	Tutup S.	JAWA TIMUR	KABUPATEN LUMAJANG	0334-321001	tanjatep72@gmail.com
8	Jombang Baru	PTPN X	Aktif	JAWA TIMUR	KABUPATEN JOMBANG	0321-861311	pg_dbu@telkom.net
9	Gempolreap	PTPN X	Aktif	JAWA TIMUR	KABUPATEN MOJOKERTO	0321-362111	pg.gempolreap@ptpn10.co.id
10	Gending	PTPN XI	Aktif	JAWA TIMUR	KABUPATEN PROBOLINGGO	0335-612275	tan.gen1830@gmail.com

SUGARCANE PLANTED AREA

This Month Newly Planted Area(Ha) 253.00

This Month Newly Planted Area1

Area(Ha) 253.00

Category: PC R1 R2 R3 R4

Variety: MASA TENGAH MASA AKHIR MASA AWAL

Land Condition: TEGAL SAWAH

Land status: LAINNYA LAHAN SENDIRI LAHAN SEWA

This Month Existing Area - Existing Area(Ha) 10243.00

This Month Newly Planted Area Add

UPDATE

4. Outcomes of Project (Myanmar, 2017)



H/W

- 2 Servers
- 1 Server Rack
- 1 UPS
- 2 Desktops
- 85 Tablets

S/W

- 1 WAS
- 1 Web Server
- 2 Server OS
- 1 DBMS
- etc.

NAIS National Agri. Info. Systems | Survey & Report | Statistics | Board | System

Survey & Report > Survey | Status | Management | Form | Form Item

Survey Status

Year: 2017 | Month: Dec

State/Region: [15] Ayeaedyi | District: [05] Maubin | Township: [03] Nyaunggone

[Initialize](#) [Search](#)

Survey Status

Type: Monthly Report(Dec. 2017)

No	Kwin	Status	Complete Date	ETC								
				Planted Area	Harvest Area	Yield	Production	Damaged Area				
	IRR	Non-IRR	IRR	Non-IRR	IRR	Non-IRR	IRR	Non-IRR	Poor/Dessert	Flood	Draught	Pest
1	10,000	10,500	43,800	5,270	0.39	0.52	16,840	2,730	1,000	182	95	500
2	Ready For Inspector Approve			-	Detail Reject Reason Accepted Rejected							
3	Ready For Inspector Approve			-	Detail Reject Reason Accepted Rejected							
5	Ready For Inspector Approve			-	Detail Reject Reason Accepted Rejected							
7	Ready For Inspector Approve			-	Detail Reject Reason Accepted Rejected							

Show rows: 10 | 1-5 of 5 | [Download](#)

Actual 2017 - 2018 (SEP)

Select Crop - Step 1

Rice Paddy	Wheat	Sorghum(m) Millet	Maize
Other Grain(s) Cereals	Ground Nut	Sesamum	Mustard (Seed)
Sunflower	Other Oil Seed	Cotton	Jute
Kenaf	Other Fibres	Rubber	Black Gram
Green-Gram (Mung)	Butter Beans	Cow Pea (Bocate)	Sultani
Sultanya	Soya Bean (Soy Bean)	Chick Pea	Cow Pea (Pelun)
Pigeon Pea	Rice Bean (Pea)	Duffin Bean	Lablab Bean
Lima Bean	Garden Pea	Lentil Bean (Pea)	Green Gram (Black)
Other Beans	Chillies	Onion	Garlic

[Cancel](#) [Next](#)

Actual 2017 - 2018 (SEP)

Crop: [010A00] High yield varieties

Planted Area: 6,000,000,000

Irrigation: 1,000,000,000 (Hyv, Modern, Local)

Non-irrigation: 5,300,000,000 (Hyv, Modern, Local)

Harvest Area: [v]

Production: [v]

Yield: [v]

Damaged Area: [v]

[Cancel](#) [Save](#)

EPIS | Copyright © 2017 Statistics Myanmar

4. Outcomes of Project (Philippines, 2018)





H/W

- 2 Server
- 2 UPS
- 1 Server Rack
- 360 Tablet



S/W

- 1 WAS
- 1 Web Server
- 2 Server OS
- 1 DBMS


Commercial Stock Survey System
nfa_master 

Businessman
Survey
Report
Board
System

Grains Businessman
Selected Sample
Sample Average Stocks

Grains Businessman List

Region:

Major Stratum:

Name:

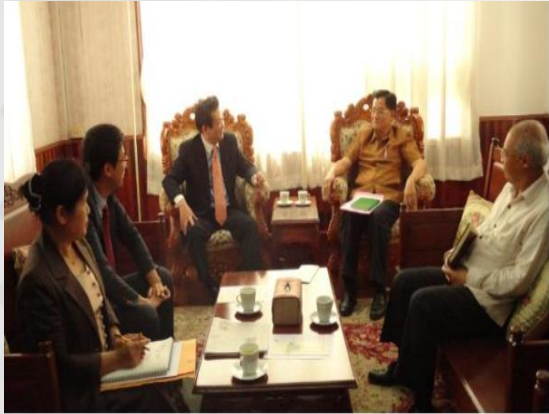
Province:

Sub Stratum:

Control No.	Province	Name	Major Stratum	Sub Stratum	Phone Number	Use Y/N
001	ILOCOS NORTE	b001	Retailer	Big		Y
001	ILOCOS SUR	ILOCOS SUR_001	Retailer	Big		Y
001	PANGASINAN	PANGASINAN_001	Retailer	Big		Y
002	ILOCOS NORTE	b002	Retailer	Medium		Y
002	ILOCOS SUR	ILOCOS SUR_002	Retailer	Big		Y
002	PANGASINAN	PANGASINAN_002	Retailer	Big		Y
003	ILOCOS NORTE	b003	Retailer	Small		Y
003	ILOCOS SUR	ILOCOS SUR_003	Retailer	Medium		Y
003	PANGASINAN	PANGASINAN_003	Retailer	Medium		Y
004	ILOCOS NORTE	b004	Wholesaler	Big		Y

1
2
3
4
5
6
7

4. Outcomes of Project (Laos, 2018)



H/W

- 1 UTM
- 1 UPS
- 1 Projector
- 200 Tablet



S/W

- 1 WAS
- 1 Web Server
- 1 Server OS
- 1 DBMS

sysadmin Logout My Page LAO ENG

Report Publication Bulletin Statistics Admin

Reporting System Year Book Manual User Code Promotion

Area Code List

Item Code	Variety Code	FAO Code	Area Code	Code
Province		All	District	
Village Name				

Search

Code	Region	Area Type	Local Name	English Name	Modify
- 10000100	Central	- Province	Vientiane C.	Vientiane C.	Modify
* 100001000010	Central	* District	ຈ. ຈັນທະບູລີ	Chanthabuly	Modify
1000010000100001					Modify
1000010000100002					Modify
1000010000100003					Modify
1000010000100004					Modify
1000010000100005					Modify
1000010000100006					Modify
1000010000100007					Modify
1000010000100008					Modify

Agricultural Farmgate Price
Provide by Center for Agricultural Statistics

Agricultural Farmgate Price
Provide by Center for Agricultural Statistics

crops0601

Password

LAO ENG

Login

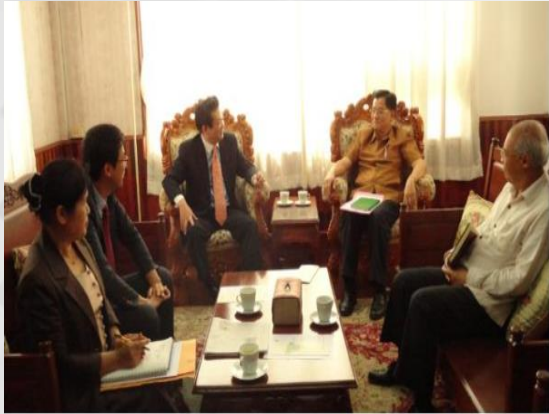
Save ID
 Forgot Password

Register

Home Agency of Education, Promotion and Information Service in Field, Agriculture, Forestry and Fisheries

Home Agency of Education, Promotion and Information Service in Field, Agriculture, Forestry and Fisheries

4. Outcomes of Project (Vietnam, 2019)



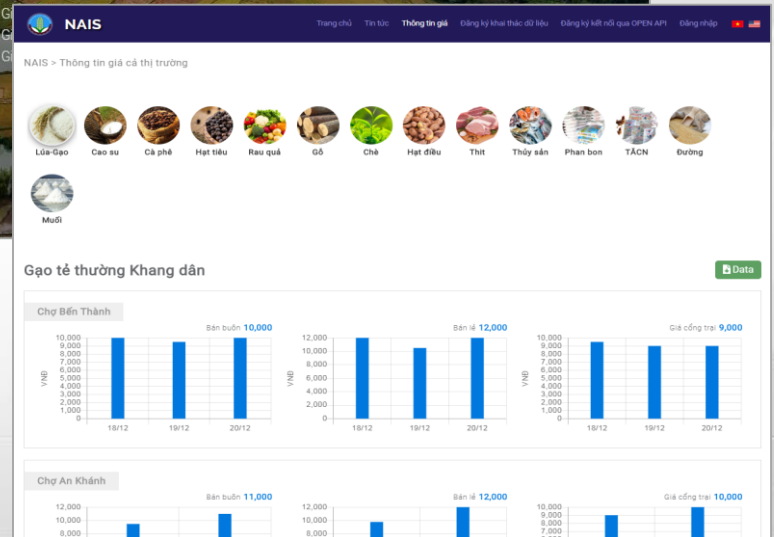
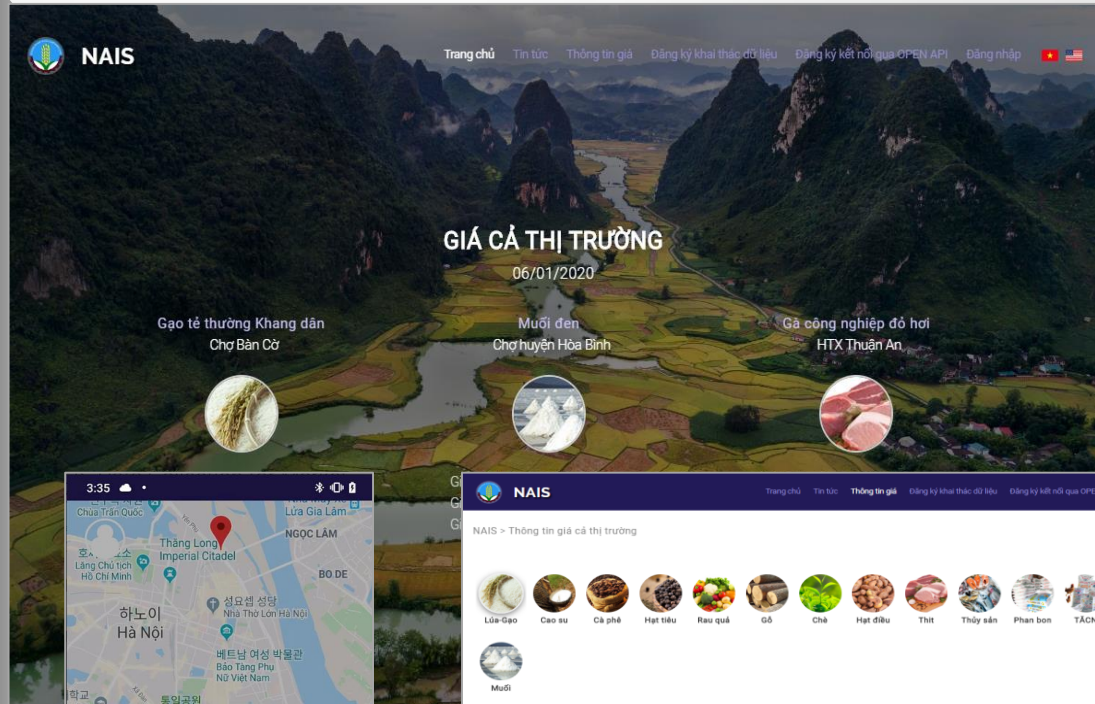
H/W

- 1 PC
- 3 Lab top
- 2 Projector
- 40 Tablet

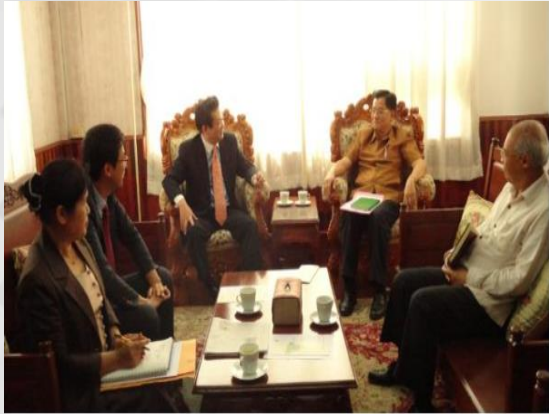


S/W

- 2 Server Vaccine
- 1 DBMS



4. Outcomes of Project (Cambodia, 2019)



H/W

- 1 UPS
- 1 UTM
- 1 Server
- 50 Tablet



S/W

- 1 WAS
- 1 Web Server
- 1 Server OS
- 1 DBMS

The collage displays the project's digital outputs. At the top is a desktop website interface with a navigation menu including HOME, NEWS & EVENTS, ONLINE MARKET, BUSINESS NETWORK, INFORMATION SOURCES, and ABOUT US. Below this is a mobile app interface showing a login screen with fields for User Name and Password, and a Login button. To the right is another mobile app screen titled 'Online Market' showing a list of products with prices and categories. The products listed are:

Product	Price
Kiwi fruit (Fresh)	290.00 KHR/KGS
Grapes	10,000.00 KHR/KGS
Tomato	17,150.00 KHR/KGS
Apple	3,775.00 KHR/KGS

4. Outcomes of Project

Developing Human Resources (Invitational Training/Workshop)



Over 200 Government Officials since 2005 participating in the invitational training/workshop to enhance capacity on agricultural statistics and ICT Application

4. Outcomes of Project

Developing Human Resources (Local user's training)



Over 1,000 Government Officials since 2014 participating in the local user's training on how to utilize NAIS system efficiently

5. Expected Outcome



Prompt response
to Food Security
Issues

Save time by inputting data

in the district/province level and swift approval procedure through NAIS.

Strengthen data analysis capacity

of officials in recipient countries by using NAIS and also through human capacity building.

Swift response to food security issues

not only in recipient countries but also in the ASEAN region in the long-run.



Thank you!