

# 1<sup>st</sup> All Partners Workshop

## G4INDO

### REPORT

#### Indonesian Partners

- Ministry of Agriculture
- BMKG
- JAPAN
- JASINDO
- LOCAL GOVERNMENT EAST JAVA
- DEP. OF AGRICULTURE EAST JAVA

#### Non-Indonesian Partners

- Alterra
- Deltares
- SarVision
- Terrasphere
- Wageningen University
- KNMI
- NDI
- Syngenta Foundation

A Collaboration between  
Indonesia and the Netherlands

Lor-in Sentul, Bogor, INDONESIA 9 October 2014

## **Foreword**

Thursday 9 October 2014, the 1<sup>st</sup> All Partners Workshop G4INDO took place. The venue was the Lor In Hotel, Sentul, Bogor, Indonesia. The workshop brought together all partners of the G4INDO project. G4INDO stands for Geodata for Indonesia. It is a project carried out within the framework of the G4AW program, which is organised by the Netherlands Space Organisation for the Government of the Netherlands. The project has the objective to assist the Government of Indonesia with the implementation of the crop insurance policy on which it has decided.

I have much enjoyed the workshop. In particular I was impressed by the level of expertise of both the Indonesian and foreign partner organisations, and certainly also by the level of commitment of the organisations. The workshop marked the start of the project, and it was a good start. I have no doubt it will succeed in generating good results if we continue working together like this. I wish to thank all participants to the workshop for their contributions, and look forward to continue our cooperation.

Aart Schrevel  
project coordinator G4INDO  
Alterra, the Netherlands

## **1. Introduction**

The G4INDO project is designed to assist the Ministry of Agriculture, Government of Indonesia, with the implementation of its crop insurance policy. The legal basis for this policy is law 19/2013: Protection and Empowerment of Farmers in Indonesia. The project is financed by the Government of the Netherlands, under the program G4AW (executed by the Netherlands Space Organisation). The project formally started on 15 September 2015 and has a duration of 3 years. The 1<sup>st</sup> All Partners Workshop marked the start of the implementation of the project.

Initially planned as the Kick-off workshop G4INDO, it was later decided to refer to the event as the 1<sup>st</sup> All Partners G4INDO workshop. This change in name was considered appropriate, as it appeared that the operational meetings preceding the workshop needed to be continued and concluded. It appeared to be too early for a more ceremonial kick-off workshop. It is also for this reason that the invitees to the meeting consisted of persons representing the (many) partner organisations of the project only. Although the initial idea was to invite also persons from outside the project, it was decided to restrict the invitees to persons and institutions directly involved in the implementation of the project.

The 1<sup>st</sup> All Partners Workshop G4INDO met its objectives. During the one day meeting, the partners in the project presented their past experiences, present activities, as well as their expectations regarding the G4INDO project. Agreements were made with regard to the activities to be organised in Year 1 of the project. The director of Directorate Agricultural Financing, Ministry of Agriculture, took the opportunity to explain his position with regard to the project.

The event was hosted by Alterra, part of Wageningen University and Research Centre. Alterra is responsible for the coordination of the project.

## **2. Participants**

47 Persons (out of 56 persons initially invited) participated in the workshop. They represented:

- Directorate of Agricultural Financing, MoA
- Unit Socio-Economy Agriculture, Indonesian Agency for Agricultural Research and Development, MoA
- Provincial Government East Java
- Department of Agriculture Province East Java, Surabaya
- Department of Agriculture Province East Java, district Kediri
- Department of Agriculture Province East Java, district Jombang
- Department of Agriculture Province East Java, district Nganjuk
- LAPAN
- BMKG
- Ministry of Finance
- Research Centre for Water Resources, Public Works
- PT Jasindo

- PT Protata Bumi Raya
- Agency for Assessment and Application of Technology
- Deltares
- SarVision
- Plant Research International (PRI)
- Terrasphere
- Wageningen University
- NDI
- Syngenta Foundation for Sustainable Agriculture
- Royal Dutch Meteorological Institute (KNMI)
- and Alterra.



There was one guest speaker. He came from Partner RE, a re-insurance company. In a presentation he explained about the crop insurance program in Morocco in which his company is involved.

The list of attendees is available on the dropbox site G4INDO All Partners, open to both participants and invitees to the workshop.

### **3. Program**

The workshop started with an official welcome and opening of the workshop by the Project Coordinator G4INDO, followed by a presentation by the latter on the background and objectives of the project. The program of the workshop was set up in such a way that all partners would present their previous experiences with crop insurance, and if opportune their activities and work plan for the coming year. There were also presentations that explained about technical issues concerned with crop insurance, claim processing, etc. The program of the workshop is copied in Annex A.



In the afternoon, the participants worked in break-out groups. Three groups were formed, discussing respectively the IT platform, insurance products, and the cropping calendar. The groups reported the results of their discussions back to all participants.

#### **4. The presentations**

The participants listened to altogether 9 presentations, excluding the presentation of the draft work plan year 1. The titles of the presentation can be seen in the program of the workshop, Annex A. Full copies of the presentations have been made available to all participants as well as invitees on the shared dropbox website All Partners G4INDO; they all have received an email with link to the dropbox site. The presentations will also be made available on the G4INDO website (under construction). The timeline of work plan Year 1 is given in Annex B of this report.

#### **5. Results**

From the many reactions it is concluded that overall participants were impressed by the level of expertise available at the different partner institutions, and the enthusiasm to work together on the project. The G4INDO project can clearly build on the achievements of several years of existing cooperation within the framework of JCP, autonomous developments in institutions, and the pilot projects in the insurance sector that have already taken place. And by the preparedness of all partners to cooperate and participate in the G4INDO project.

The director Agricultural Financing explained to all participants that the insurance program of the Ministry of Agriculture is going ahead and is presently being prepared. Several government institutions are involved, including the Ministry of Finance. Large scale insurance distribution is a complex issue that requires careful planning. The program, including making available subsidies, may start in 2015, or in 2016. Large scale implementation requires the input of high technology like satellite imaging in addition to

field level damage assessments. Pilot projects have been ongoing and experiences from these projects are now available. The director Agricultural Financing also made clear that the demand for suitable insurance products should be assessed during field surveys.



The workshop resulted in a number of agreements to cooperate in specified actions. Participants agreed with a timeline for activities to be implemented in Year 1. Also, the four split-up groups that sat together in the afternoon came with a number of recommendations.

The G4INDO project has three fields of attention:

- the IT platform, in which RS, hydrological and agronomic data are combined with weather data and seasonal forecasts;
- insurance products and client database;
- communication with farmers, including market research to better understand the demand for insurance by farmers, socialisation, distribution of insurance products, and socio-economic base line data.

This is a list of the results of the 1<sup>st</sup> All Partners Workshop G4INDO:

- Timeline showing the activities to be undertaken in Year 1 of the G4INDO project, including the partners involved in each of the activities; the timeline is presented in Annex B.
- A team is formed to create the IT platform; agreements were made to meet again in January, and to assess the users' needs and specifications of the platform.
- In addition to the insurance product that was developed over the last few years and tested in pilot projects, market research to better understand the demand for insurance products by farmers is needed; agreements were made to undertake such market research in the project area (districts of Kediri, Nganjuk, and Jombang, East Java);
- Formation of field teams to undertake socialisation and distribution of insurance products; execution of this activity depends on the availability of funds to subsidize premiums;

- The socio-economic base line survey – a prerequisite of the project – will be outsourced; Alterra, with assistance from other partners including Syngenta Foundation for Sustainable Agriculture, will organise the survey.
- Recommendation: form an action group that will explain/socialise the Cropping Calendar to the farmers; the group should explain the calendar at all administrative levels and directly to farmers.

## **6. Closure**

At the end of the workshop the Project Coordinator expressed his gratitude to all participants for their enthusiastic and useful input in the discussions. He especially mentioned the participants from East Java, who had taken the trouble to travel from far to attend the workshop. He said he looked forward to a period of fruitful cooperation, to generate results that would benefit Indonesia in general, and the Ministry of Agriculture, and the 200,000 targeted farmers in particular. He wished all participants a safe trip home.

## Annex A Program of the 1st All Partners Workshop G4INDO

### 1<sup>st</sup> All Partners G4INDO Workshop

Host : Dr. Aart Schrevel, project coordinator G4INDO, Alterra, The Netherlands

Venue : Lor-In Hotel Sentul Circuit Km. 42 Citereup, Bogor

Date : 9 October 2014

08.45-09.15	Welcome and registration	
09.15-09.20	Opening address	Dr. Aart Schrevel, Project Coordinator G4INDO
09.20-09.40	General overview of G4INDO project, background and objectives.	Dr. Aart Schrevel
09.40-10.00	National program of Rice crop insurance, background and objectives.	Ir. Mulyadi Hendiawan MM, Director Agriculture Financing, MoA.
10.00-10-20	Agricultural Insurance, a Condition for Safe Farming	Dr. ir. Sahat M. Pasaribu, Unit Socio-Economy Agriculture, IAARD, Ministry of Agriculture
10.20-10.50	Re-insurance of crop insurance contracts: lessons from practice (provisional title)	Nicolais Chatelain, Partner RE Global, France
10.50-11.15	Coffee and tea break	
11.15-11.35	Application of Remote Sensing Data for Paddy Field Monitoring: relevance for G4INDO	Ibu dr. Dr. Bambang Trisakti, Remote Sensing Application for Land Resources Division, Remote Sensing Application Center, Lapan
11.35-11.55	Overview of BMKG on Climate data usage and its relevance for G4INDO	Ibu dr. Nurhayati, Head Centre for Climate, Agricultural and Maritime Climate, BMKG
11.55-12.15	Characteristics of a state-of-the-art Agricultural Cropping Calendar	Dr. Ronald Vernimmen, Deltares
12.00-13.00	Lunch	
13.00-13.20	Processing claims: the G4INDO platform (integrating remote sensing data, hydrological and crop growth models, and seasonal and weather forecasts)	Work session, moderator Niels Wielaard, Sarvision.
13.20-13.40	Lessons in Developing and Implementing Agricultural Micro Insurance in East Africa: Case Study on ACRE	Dr. Laura Johnson, Syngenta Foundation for Sustainable Agriculture, SWISS
13.40-14.00	Work plan Year I G4INDO	Dr. Aart Schrevel
14.00-14.30	Coffee and team break	
14.30-15.30	Work session	<i>Working in groups</i>
15.30-16.00	Reporting back	<i>plenary</i>
16.00-16.30	Questions and answers	<i>Plenary</i>
16.30	Wrap up and Closure	

## Annex B The timeline of Year 1 of the G4INDO project

Activities	2014			2015												2016	2017	
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Spt	Oct	Year				
<b>Forming service architecture</b>	x			x													LAPAN, BMKG, Jasindo, G4INDO	
Acquiring satellite data, access to data ensured	x	x	x															
<b>User needs and specifications assessment</b>				x													LAPAN, BMKG, Jasindo, G4INDO, (MoA)	
<b>Integrated service</b>				x													LAPAN, BMKG, G4INDO, East Java	
Capacity building and			x															
Local capacity build and																		
Meteo satellite sub-system			x															
EO Satellite sub-system			x															
Crop and hydrological			x															
Insurance clients data base						x												
<b>Inventory demand for insurance (farmers level)</b>			x	x														
<b>Advice suitable insurance</b>						x	x	x									KSEKP, East Java, G4INDO	
<b>Updating Cropping Calendar</b>																	BMKG, Balitbangtan (G4INDO)	
<b>Formation of field teams*</b>		x	x	x	x												Jasindo, Protata, East Java, (G4INDO)	
Definition insurance				x	x	x												
<b>Socializing, filling data base, distribution insurance</b>																		
Socio-economic Base Line				x	x	x	x										G4INDO (outsourcing)	
Action Research-project				x				x						x			KSEKP/IAARD	
Users Satisfaction																	G4INDO (outsourcing)	
Procedures implementation																	KSEKP/IAARD	

\* assumption: subsidy for first 10,000 ha available for 2015; more area served in subsequent years

Directorate Agricultural Financing: cooperation and guidance implementation crop insurance policy