



A progress report #2

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Summary and overall achievement

During March-September 2013, project activities were run smoothly, scheduled activities such as primate survey training are succeed to be done, with participants from arround central java province as building capacity of young primate researchers and conservationist. Law enforcement activities were done as one of the case of primate pets are conviscated by forestry agency in central Java. Raising conservation awareness also have been done by distributing posters, leaflets, and movie documentaries through series of meetings, and social media. Reducing forest fragmentation and degradation through strengthen local community organization have been done by intensive work with farmer group in Sokokembang on agriculture activities and forest shade grown coffee production. Through this coffee product we send a conservation message that coffee product from sokokembang are eco-friendly coffee product that will support directly to the farmer nearby the forest and conservation activities of Javan gibbon as flagship species in Pekalongan regency, Central Java, Indonesia.

Background

Our previous reports, shows that Javan gibbon habitat remained in 13 forest fragments, not included in the conservation system (Setiawan et al, 2012). Habitat degradation and fragmentation are major threats, as well as poach for pet trade occurred that causes population decline and remaining habitat disappear slowly. Lack of capacities and conservation awareness are also influence conservation of the gibbons and their habitats. However, its complicated circumstances where people lived remaining in poor condition. Through this project we have selected Sokokembang village, in Dieng Mountain as our priority sites for long-term conservation activities. Our initiate study shows that coffee growing system in Sokokembang has important consequence on Javan gibbon survival and other Javan primate's species as well. People grew coffee under the shade of natural trees where all Javan primates lived there. Our conservation project activities will involve villagers in Sokokembang with biodiversity and primates study on this coffee growing system.

Project aim and Objectives

The aim of this project is to conserve the Javan gibbon's population and its habitat in Central Java, in contribution to the national action plan for Javan gibbon 2012-2021. Our specific aims are:

1. Improving law enforcement on habitat protection and species conservation;
2. Raising conservation awareness and to provide scientific information on endangered primates and habitats.
3. Reducing habitat degradation and fragmentation in Western part of Dieng Mountains.

Project Result to Date

1. Improving law enforcement on habitat protection and species conservation

Activities:

Forest patrol and primate monitoring:

Forest patrol and monitoring, have been initiated through series of talk (formal and non formal) with forestry authority in central Java, i.e. BKSDA and PERHUTANI. On the implementation activities, we have participated on forest patrol and survey for endangered primate in Pekalongan regency and surrounding area. Collaboration forest patrol is important in the mean of protection of primate habitat, also to enhance experience in the field for primate survey.

Output:

Some field works related to this program have been done in the field:

- Javan gibbon monitoring (27 June 2013), we were joint in the program of BKSDA to survey forested area in Linggo asri, in Pekalongan regency, the forest is one of the remaining habitats for Javan gibbon (Setiawan et al,2012), also habitat that still remains for other Javanese primates.

Result during the one day survey are:

location	species	Number of individual
S07 05'59.5";109 35'49.2"	Javan gibbon	5 (two groups)
	Javan langur	6



BKSDA staff and our team observing gibbon, in Linggoasri.

- Endangered Primate Trade monitoring, this activities are unscheduled, however we reports all occurrence of people which capturing, hunting or looking after endangered and protected primates as pets in area around our study sites, in central java. A case of endangered primate captured as pets occurred at Bandar district, Batang regency, it's about half an hour from our basecamp in Sokokembang village (coordinate: S7 01 59.5 E109 47 54.8). We found this case during survey in this area at July 19 2013, A person expose a Javan surili (*Presbytis comata fredericae*) on the street as pet (see photo). Then, we reported to BKSDA as species protection authority in Central Java, as law enforcement prosecution, the Javan surili was confiscated by BKSDA patrol unit at August 13, 2013, and sent a warning for the owner.



A Javan surili, captured as pets from forest surrounding the village.

Future planned activities:

Propose a forest patrol activities to forestry authority and local government in Pekalongan regency, the road along Petungkriono district and Doro district, which pass through forest area, as a route for forest patrol regularly, especially to tackle hunting animal from the Sokokembang / Petungkriono forest, it will be series of meeting with forestry and species authority in central Java, and implementation in the field.

2. Raising conservation awareness and to provide scientific information on endangered primates and habitats.

Training on primate survey method:

Scientific information are important for conservation baseline data, however lack of capacities, knowledge and experience is main problems in central java especially to conserve Javan gibbon and other endemic primates. Thus we have selected 14 participants from central java province, especially who come from the area where Javan gibbon still existed. These participants represent their organization or young researcher from local universities ,that will or have been doing a study on primates, or Javan gibbon, some of the participants are staff from forestry agency in Pekalongan regency and BKSDA (nature forest resource conservation agency). The training were done during 3 consecutive days, main topic of this training is introducing line transect method for primate survey and vocal count method (triangulation) for gibbon survey based on their call, including field practice directly (see photos)



Introduction on primate survey method and preparation to go to the field



In the field training

Output.

- All training material are freely to download at this link : <https://www.dropbox.com/sh/qulg8x0h1for19z/9uP7RpKVU6>
- Group discussion on social media (Facebook) were established named: *Kelompok pemerhati Owa Jawa*, one of the participants become moderator/admin for the group.
- Two participants, from Faculty of Forestry, Gadjah Mada University, have been doing research for their bachelor degrees in Sokokembang forest, study on Javan langur and Javan gibbon

Raising conservation awareness activities:

a. Supporting local government to share information about protected animals, forest resource utility, towards people surrounding Petungkriono forest. We have involved on the Agriculture and Forestry Agency of Pekalongan meeting at 26 June 2013 on the district level meeting, to present about Javan gibbon conservation. Participant of this meeting are 50 people representative of the villages in Petungkriono district.(see photos)



Meeting participants, and Presentation about Javan gibbon conservation program in Sokokembang forest

b. Javan gibbon conservation campaign, during Kajen EXPO, 25-31 August 2013 an exhibition organized by local government of Pekalongan regency. The exhibition was conducted on the public park or city center, and we set aside our “Coffee and Conservation” booth as cooperation activities together with Agriculture and Forestry Agency of Pekalongan. The exhibition is open for public in Pekalongan regency. Through this exhibition we were sold coffee product from our study site and supporting performance art activities related to Javan gibbon conservation program (see photos).



Conservation product, photo of primates from Sokokembang forest are printed on cups and coffee package.



Coffee and Primate Conservation booth during Kajen exhibition 25-31 Aug 2013



Photo 10. Performance art about Javan gibbon during exhibition

c. Supporting local government in Pekalongan rency to provide information and to promote Javan gibbon conservation. Introducing Javan gibbon through local government have been initiated through providing articles related to primate, forest and conservation in the region, series of article will be published on the local government official website.

Output:

a. During the meeting with villagers we distributed 50 CDs, a video documentary about Javan gibbon study based on our previous project in Sokokembang forest. This movie, entitled with, “Javan gibbon: a story from petungkriyono forest”, also freely available to download and distributed from YouTube. <http://youtu.be/ILQ8WTj-FwM>

b. Kajian Expo 2013 (exhibition) as media to promote conservation of Javan gibbon to the public of Pekalongan, we distributed 600 leaflets information about coffee and primate conservation in Sokokembang village. The leaflet available in Pekalongan minority language and the link to download are here : <http://www.dropbox.com/s/rezpbzq9092f9fr/LeafletLumpang.pdf>

We were sold totally 106 package coffee during a week exhibition, this is are important that we received good response from the local market, and it’s also become networking on coffee marketing that involved Sokokembang farmer group.

c. First popular article on bahasa about Javan gibbon in Pekalongan , was published on the official website of Pekalongan rency government, <http://www.pekalongankab.go.id/fasilitas-web/artikel/pertanian/4217-owa-jawa-kera-kecil-kebanggaan-pekalongan.html>

Future planned activities:

1. Supporting local government to provide scientific information about Javan gibbon and conservation program for petungkriyono forest.
2. To continue raising conservation awarness through coffee selling and marketing.
3. To publish more popular article that will be publish on the official website of Pekalongan rency

Javan gibbon conservation campaign on Social media:

Social media campaign, it's one of the project development up to now, we use social media youtube to promote conservation activities in Sokokembang forest, Petungkriono district. The program will be series of movie documentaries, updated monthly to broadcast insight sokokembang forest and surrounding area.

Activities:

Establishing account on youtube entitled with "Sokokembang.Petungkriono" to broadcast short movie documentary about forest, primates and people of Sokokembang and surrounding area.

Output:

First series of this program , entitled with " Sokokembang, my hamlet and cheerful forest " have been broadcasted through youtube and can be seen at this link : <http://youtu.be/vBhyRM5-OJc>

Future planned activities:

We will make short video documentaries to promote insight sokokembang and surrounding area.

Photovoice:

Photovoice is a research method that contains a participatory photography activities undertaken by the community to identify potency on the community, social issues and the opportunities that will be used to formulate a policy for community development (www.photovoice.org; Wang and Burris,1994). In this project, the main target is children's participation in photovoice activities, because it is considered will be next generation of Sokokembang village.

Children up from 7 to 17 years old are involving in this activities, selected theme about forest, village, people and environment in Sokokembang be come series of photovoice. After

receiving basic photography training (see photo), children will find a photos, and we help them to present the photos and deseminat them.



Photography training as part of photovoice activities.

Output:

Its on going activities, the final output haven't been finished yet, however we have train children to use camera and technically photography and their already have some photos according to selected theme, that have discussed before.

Future planned activities:

Discussion (with the photograpser) and deseminat of the result of Photovoice, through online and offline exhibition

3. Reducing habitat degradatation and fragmentation in Western part of Dieng Mountains.

A. Strengthen Local Community Organization and Establishing Productive Business Unit Based on Local Resources.

1. Farmer group

Activities:

- a. Establishing demonstration plot for common bean



Common bean harvesting activities



A track of wild boar, is one of the problems for bean cultivation in Sokokembang village

Demonstration plot for common bean have been started since April to August 2013, as starting work and the first technical prove among farmers in the farmer group organization. Even though haven't reach optimum result financially and technically, however this activities will enhance the farmer on good management organization, field experience on working together. We hope it will be good experiences to manage good organization among villagers in Sokokembang.

Outcome:

Bean production reach up to 202 kg, earning for the beans up to 606,000 IDR @ price per kg are 3,000 IDR, and end of activities farmer group has fund 624,000 IDR

Future planned activities:

- Cayenne pepper cultivation- Its second activities of farmer group after succeed to cultivate common bean on their land, chili was chosen to be cultivated is more financial reason; the price is much better than bean. Chili cultivation is first time to plan for farmer group in Sokokembang, thus learning to other farmer outside the village is important to gain knowledge and experiences. We went to a chilli farmer in Karang Kobar district (about 60 km) away from Sokokembang village at 15 September 2013. And just started to plant the chili on farmer land.
- Establishing organic fertilizer house (Rumah kompos)

2. Women group***Activities:***

Training on management and coffee processing technique. The training was done 20-21 July, and we invite coffee expert from other region in Central Java to share his experience on coffee processing techniques and packaging (see photos).



Coffee training participants, and Coffee fruit selection, first step of the coffee processing



Green bean coffee sorting process and roasted coffee



Training on coffee packaging



Coffee package, produced by KUB Nyiparijotho, woman group of Sokokembang village

Output:

1. The training participants are 7 women in the group of KUB Nyiparijoto
2. found some problems and solutions for better quality coffee
3. package coffee produced by farmer group of Sokokembang village (see photo 18) ready to sell to the market.

Future planned activities:

- the production planning for coffee
- enhance production tools for coffee
- creating new standard for coffee production
- repair administration system and financial recording for coffee production
- submission for coffee business licence to local government
- preparation for coffee marketing plan/marketing strategy
- KAP (Knowledge, Attituded and practice) survey about coffee and conservation in Sokokembang forest.

B. Training on food safety for household appliances industry

The training is one of the requirement to get registration number for business licence for food product that will be sold to the market, from this training food production especially coffee from sokokembang will get permits and recognized, registered formally by Pekalongan regency government. From this training also increasing knowledge of woman group in Sokokembang on how to manage food so that consume safely and healthy for consumption.

Training was organized by Health Agency of Pekalongan Regency, and was done at 18 September 2013, and seven member of KUB Parijoto from sokokembang village were involved actively in this training (see photos)



Training participants on food safety for household appliances industry

Output:

All participants were received certificate that can be used to do next step of submission of business licence for their food product, including coffee.

Future planned activities:

1. Submit application for submission business licence/registration number for coffee product.
2. Improvement on coffee label and packaging.
3. Improvement on coffee production site.

3. Development of “warung” as unit business in the village.

Activities:

Warung is javanese name for small shop in the village, thus we encourage towards woman group and farmer group to establish a warung as unit business, this warung will provide daily needs of people in Sokokembang and also especially to promote Sokokembang coffee, some kind of coffee shop in the village. This warung also selling local product (especially food) people of sokokembang village.



“ Warung kopi Nyi Parijoto” a Coffee shop in Sokokembang village

Output:

1. As of 11 September 2013 the coffee shop business unit has a wealth of 1,020,973 IDR with details 523,023 IDR in kind of merchandise, accounts receivable 106,000 IDR and cash 609,900
2. Started from the initial capital of 250,000 IDR where there is a rise in the number of assets owned by 770,973 IDR or approximately 300% within about 1 month.
3. Turnover average daily sales is calculated from the recorded data around 211,619 IDR with a percentage of average daily earnings by 25%.

Note : 1USD=11,000 IDR

Future planned activities:

1. Improvement of coffee shop building/ “warung”
2. Encourage raising local product that will be sold in the warung beside of Coffee
3. Evaluation on daily income and financial report of “warung”.

4. Audit of financial condition of “Lumpang” Coffee business unit

Activities:

Coffee “lumpang” unit business have been worked at last six month and based on evaluation needs some improvement on administrative system and financial management. Audit will be conducted based on activities since April-September 2013.it will be used as a tool to perform business analysis, and to identify strenght and weakness as well as improvement both technical and mangement of coffee business. (see photos)



Group discussion, Coffee business unit evaluation during last six month April-Sept 2013

Outcome:

1. transaction recapitulation in April-September 2013 were amounted 1,607,000 IDR of total expenditure, while total income was 1,843,500 IDR, rest of the money in cash as amount 236,500 IDR.
2. During April-September 2013, the coffee business unit (KUB Nyi Parijoto) have been producing 21,35 kg of coffee (coffee powder).
3. The price of 50 grams a package coffee is 3,500 IDR, and the group still have a 12 kg roasted coffee as amount 840,000 IDR
4. The group also has a manual coffee grinder tool as price 225,000 IDR and 1 unit hand sealer machin as amount of 190,000 IDR

Note = 1 USD=11,000 IDR

Future planned activities:

- Cooperation work with PNPM (a government organization) at district level, have been initiated and will perform financial administration training towards woman group, especially to improve their financial management capacities.
- Standardizing of production equipments/tools for coffee processing
- Develop marketing strategy in more detail and to encourage emergence of marketing group for coffee product from Sokokembang.
- Conducting promotional activities on Sokokembang coffee intensively.

Literature cited

Arif Setiawan, Tejo Suryo Nugroho, Yohannes Wibisono, Vera Ikawati, Jito Sugarjito, 2012, Population density and distribution of Javan gibbon (*Hylobates moloch*) in Central Java, Indonesia, *Biodiversitas (1) no.1, p. 23-27*

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