

Regional Development Concept of

Varin District, Seim Reap Province



Facilitated by Green Economic Development Community of Varin

2015

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Regional Development Concept of Varin District

1. Introduction

In August 2008, district core group facilitated first workshop on the roles of public, private sectors and civil society in local economic development and as the results, there are many quick-win requests. This workshop was participated by three groups of stakeholders from public (district authority, commune council, and line offices), private sectors (farmers, businessperson, collector, rice miller...) and civil society (association, farmer groups...). In the process of local economic development with promoting voluntary cooperation amongst the stakeholders of the three sectors, we have organized many income-generated activities that the people can access to increase their income such as rice agreement between buyer and seller, fair weigh scale use, re-activation and new creation of farmers groups (saving groups, producer groups), the farmer accessed to trainings and adopted new techniques in rice, animal, and fish production ... etc. The motivated stakeholders from three sectors proposed different projects that they are the implementers in order to benefit them, community as well as the district. Those projects are compiled in a document named "Varin District Economic Development Concept".

The development of this concept paper is aimed at having a common orientation amongst all stakeholders in the district to promote local economic development, complementing the district development plan, attracting attention of outsiders, informing and involving the investors.

Since 2011 till now, the Varin District Economic Development Concept has been compiled for 5 years in 2014. Green Economic Development Community of Varin was established to coordinate all projects written in this concept paper. Most of the projects have been implemented actively and successful with technical supports facilitated by Green Economic Development Community of Varin. These supports delivered by Center for Study and Development in Agriculture (CEDAC), Agrotech Vita (Kou Khmer), Bayon Heritage Holding Groups, East-West Seed, Medivet (animal feeds/medicines supplier), Lyhong Choy (Fish feeds/medicine supplier), BKP(animal feeds/medicines supplier), Angkor Green (agricultural input suppliers), rice millers, Sansom Veasna Center, expat specialists in bamboo , ADDA, and financial and technical supports from Regional Economic Development (RED III), Siem Reap. The project imitators stop some projects which had no activities. At the end of 2015, we started to update this concept paper by deleting some unimplemented projects and add some new ones proposed by the active initiators.

2. Varin's Strengths

- Natural resources such as forest (Bamboo, Rattan-La Pak-Pdao-Dam Dorn, Forest Vegetable) mountain, wild life, moderate-fertile soil, water source, natural fingerling, grass field for animal production
- The natural landscapes and historical sites which can be served as tourist sites
- Favorable places for organic production
- The resident prefers agricultural production (rice, vegetable, fruit and animal)
- The resident is interested in working as a group, association, and community (e.g community forestry protects 10,000 hectares of forest and fingerling conservation)
- District is located in the centre of the big markets (in O'Dameanchey, Ou Smarch and Chaem Checkpoints, Srei Snorm, Chong Kal, Kralanh, Puok and Siem Reap)
- Transportation roads connecting to the big markets, making a good transportation
- The residents changed old habits and have started to adopt new techniques
- Willingly participate in the development activities in the district

3. Challenges

- The district’s producers lack of technical skills in agriculture, animal production, product promotion, and processing
- The investor is less interested in district’s potentials
- Lack of irrigation system and drought
- Lack of cooperation for collective sale

4. Vision

Within 3 years the living condition and income of our Varin’s residents particularly the ID poor will be simultaneously improved through digesting the technical skills, experiences, and cooperation amongst all stakeholder groups with the sustainability assured for the natural resources and environment.

Slogan “Varin’s harmonizing, hardworking citizen, satifying tourist”

“វ៉ារិន សុខដុម ប្រជាធិតខំ ទេសចរចាប់ចិត្ត”

5. Strategies

- Encourage the cooperation amongst all stakeholders (farmer, handicraft maker, group, association, community, business people, collector, NGOs, and authority)
- Develop more income sources for the district’s resident
- Promote any credit and funding activity in the district
- Promoting productions in all sectors in the district on the bases of market demand and technical skills with proper trainings for yield increase
- Motivate the organic production
- Seek for construction of the market for product exchange
- Encourage mutually sharing of practical experience in the each field (network strengthening)
- Widely market local products, resources and potentials
- Provide the ID Poor with the opportunity of the possible maximum benefit from all projects and capital access to create and enlarge their business
- Strive to create variety of projects to reduce the gap between high income family and low income family
- Generate the income and added value in the district as much as possible
- Capacitate business and group/community management
- Fully use the potential of natural resources available in the district with the stability of ecology system and in a sustainable way
- Promote investment in all sectors especially in agro-industry

6. Thematic Fields and Projects to be implemented to reach the vision

A. Rice Quality and Yield Improvement						
A1. Rice seed producers groups and rice seed sales						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Tang Cheourn	Farmer	1	Baydot	Svay Sor	088 54 27 255
2	Lach Sina	Farmer				088 77 76 319
3	Chheourn Sody	Farmer				071 49 64 267
4	Chong Putchay	Commune support office	1	Kanhchorn Run	Prasat	092 91 21 81

5	Keour Saphaov	District council	1	Kouk Kandal	Lvea Krang	088 36 91 298
6	Yen Lim	Farmer	1	Lvea	Srae Nouy	071 659 7848
7	Hem Te	Village level. chief		Samut		097 74 91 199
8	Vorn Savet	Village level. chief	1	Khnar Phtoul		097 96 82 191

Project Description

In Varin district, most of the farmers have not used pure rice seed yet even the pure rice seed can increase the yield and produce good paddy, which is easy for sale. Our rice seed production is not properly implemented yet and our seed sale promotion is still less. Therefore, we raise this project in order to strengthen and increase group member for more production and broadly promote our rice seed in the district as well as cooperate with other rice seed producer groups in other districts. To successfully implement the project, we plan to strengthen the member management, rice production techniques as well as visiting the farmer/group who is successful in both technical practices and sale. Additionally, we aim at expanding the member, motivating to have cooperation amongst members, joint sale with other members and having internal quality control, having bag for packaging the seed with logo and phone number of the producer member to assure the quality for the buyers. The cooperations with authority, district agricultural office, NGOs/IOs can make the project successful as it is easy to sell and transport the seed. Moreover, we will cooperate amongst rice seed producer groups inside and outside the district to exchange experiences—technical practices, market information, price, negotiation, connect to more collectors as well as creating learning opportunities to understand clearly about cooperation. We plan to construct dam, canal, watergate to increase yield for our farmer groups.

A2. Quality rice production to supply the market						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Bi Yoan	Farmer	1	Kambour	Svay Sor	
2	Chhon Kom	Farmer	1	Baydot		071 60 64 321
3	Chheourn Sody	Saving group. Chief				071 49 64 267
4	Tang Cheourn	Farmer				088 52 44 223
5	Chong Putchay	Commune support office	1	Kanhchorn Run	Prasat	092 91 21 81
6	Phnom Cheourn	Village level. Chief		Prasat		097 59 63 447
7	Yeng Sameourk	Village level. Vice	1	Romduol	Varin	097 77 64 295
8	Heourm Hang	Farmer	1	Kouk Chan	Lvea Krang	088 23 02 932
9	Nem Neourm	Village level. Vice		Kouk Kandal		
10	Keour Saphaov	DC		088 36 91 298		
11	Seourm Sen	CC		097 99 57 321		
12	Mat Ang	Farmer		088 41 88 574		
13	Yen Lim	Farmer	1	Lvea	Srae Nouy	071 65 97 848

Project Description

Nowadays, the people in our country and abroad demand high quality milled rice for consumption and this quality rice is being exported a lot but the farmers' production is not adequate for the market demand. Most of the paddy producer is still selling on individual base without cooperation or negotiating with the collector, which are the causes of lowering the price. In cooperation with authority, district agricultural office, NGOs/IOs present in the district, government rice production and export promotion policy, our project will strengthen and increase group member to produce more and more quality paddy. The strengthening focuses on planning and management as well as increasing new group members to cooperate with each other and for collective sale in negotiating with the collectors or rice millers in order to easily sell and transport the paddy. We concentrate especially on some varieties amongst ten varieties recommended by the government. Moreover, we will cooperate with other groups

inside and outside the district to exchange practical experience--technical practices, market information, price, negotiation, connect to more collectors as well as creating learning opportunities to understand clearly about cooperation and better group management.

B. Thematic Field: Animal production to supply the inside-and-outside district market							
B1. Groups of fattening pig producers and sow producers							
No	Project initiator	Position	Group	Village	Commune	Tel	
1	Chan Kosal	Village level. chief	1	Ou Ramchek	Srae Nouy	097 77 65 137	
2	Kea Sokhen	Farmer	1	Khnar Phtoul		063 64 04 078	
3	Cham Sameourt	Farmer				097 36 30 014	
4	Choam Davi	Farmer				097 74 50 507	
5	Van Ret	Farmer				Srae Nouy	088 63 26 229
6	Mei Sari	Farmer	1	Samut		097 89 95 528	
7	Chaet That	Farmer		Lvea		097 74 78 383	
8	Chak Chandy	Farmer	1	Kouk Srok	Varin	096 98 55 215	
9	Chheourn Chheav	Farmer	1	Prasat	Prasat	096 74 05 790	
10	Nhornh Ruon	Farmer					
11	Keo Thy	Farmer				Vien	097 56 10 408
12	Phet Sophai	Farmer	1	Baydot	Svay Sor		
13	Bok Seak	Village level. chief				071 65 81 220	
14	Eng Ehng	Farmer					
14	Tang Cheourn	Farmer				088 54 27 255	

Project Description

From time to time, most of the farmers raise pig on habit-base techniques without having techniques. That causes fatal diseases, slow growth and sell on individual and irregular bases with low price. Therefore, we, the pig raisers, propose this project to promote and disseminate pig production (fattening pig and sow) on technique base, which quickly generates profits, in cooperation with development organizations and input (feed & medicine) companies and village vet to access to new techniques especially prevention, treatment and feed making. Besides these, we will cooperate with each other to strengthen the existing groups to promote new raisers who are interested in understanding the benefits of cooperation as groups or creating new groups. That is to easily exchange the experiences, deal with the immediate challenges in the group such as unusual diseases and discuss each other to negotiate for the price and fair weight scale with buyer in recognition and supported by the authority (village, commune, and district) and district agricultural office regarding fair weigh scale. Furthermore, the cooperation amongst the groups to assure regular fattening pigs tot the slaughterhouse in the district.

B2. Groups of local chicken producers to supply the market						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Chaom Kan	Farmer	1	Kamdai	Prasat	096 33 46 934
2	Sitha Selathorn	Farmer	1	Baydot	Svay Sor	071 40 82 454
3	Lat Ngarb					
4	Tang Cheourn	Farmer				088 54 27 255

5	Chaet Chandy	Farmer	1	Kouk Srok	Varin	096 98 55 215
6	Vong Voun	CC		Tuol Roumiet		097 86 92 966
7	Bram Bou	Farmer	1	Kouk Chan	Lvea Krang	097 24 91 661
8	Neum Neang	Farmer		O'Tai		
9	Puy Phuon					
10	Nharb Mao	Farmer	1	Chum	Srae Nouy	097 84 19 560
11	Seng Thea	Farmer		Komphleung		097 82 83 348
12	Chan Kosal	Farmer	1	Ou Ramchek		097 77 65 137
13	Pharn Narin	Village level. chief				070 80 21 20
14	Chay Nget	Vet	1	Trapeang Krasang		0 97 79 91 901
15	Mei Sari	Farmer	1	Samut		097 89 95 528
16	Yen Lim	Village level. Vice	1	Lvea		071 56 97 848

Project Description

Currently, some chicken producer groups in Varin do well in their production and sell a number of chickens to other farmers in the district and supply less outside the district. More and more farmers know how to select good breed which is the important factor to increase yield and price. We proposed this project in order to strengthen technical capacity for the group members who have already practiced technically so that they can have return from their production quickly and expand production through enlarging the space of the chicken house, cooperating with input (feed, medicine) companies and district agricultural office. Besides these, we will increase group members, motivate them to contact each other to share market information, motivate to learn how to negotiate and jointly sell by using fair weight scale, and reduce sale in quantities without scale. Moreover, we need to disseminate good production practices to other chicken producers through sharing successful experiences including technical practices, market information, and continuing cooperation amongst all chicken producer groups in Varin as well as the collectors in order to promote the sale of our local chicken broadly (3 times a year). The project can be run smoothly in cooperation with authority (village, commune, and district) and district office of agriculture to prevent or take action against the collectors who use unfair weight scale.

B3. Producer Group of breeding cow and supply the market							
No	Project initiator	Position	Group	Village	Commune	Tel	
1	Nharb Mao	Village level. Vice	1	Chum Komphleung	Srae Nouy	088 82 49 417	
2	Meas Sadeung	DC		Voat		097 21 59 486	
3	Mai Sarom	CC				088 79 74 494	
4	Heourm Hang	Farmer	1	Kouk Chan	Lvea Krang	088 23 02 932	
5	Keour Saphov	DC		Kouk Kandal		088 36 91 298	
6	Seourm Sen	CC				097 99 57 321	
7	Neum Neang	Farmer		O'Tai			
8	Puy Phuon	Farmer					
9	Veourn Lorn	Farmer					
10	Yeng Sameourk	Village level. Chief	1	Romduol	Varin	097 77 64 295	
11	Vong Voun	CC		Tuol Romiet		097 86 92 966	
12	Khlam Bok	Farmer		Kouk Kros			
13	Yat Phai	Village level. Chief	1	Kanhchorn Run	Prasat	097 74 35 449	
14	Suon Ngark	Farmer		Komdai		096 25 33 126	
15	Keo Thy	Farmer		Vien		097 56 10 408	
16	Eng Eam	Farmer	1	Baydot	Svay Sor		
17	Lat Ngarm	Farmer					
18	Hen Chhneang	Farmer					

Project Description

These days, the demand of beef in Varin is gradually increasing while the cattle production is still on habit base which could not supply adequately. The farmers want to change their habit-based production i.e. freeing the cattle to better manage, providing regular feed and maintaining hygiene, which make cattle healthy and give more returns in term of more newborns with better price. We proposed this project in order to create cattle producer groups so that the groups can cooperate with each others to access better new production techniques such as how to select good breed, good grass variety making cattle grow fast, how to manage, prevention and treatment of diseases..etc. Moreover, we will increase group members and train them on how to connect each other to know market information, learn how to negotiate and sell jointly. Further, we will disseminate to other cattle producers in our district so that they change habit-based production practices to new techniques practices. Through cooperation with authority (village, commune, and district), we can better collaborate with cattle collectors and slaughterhouse.

C. Thematic Field: Groups of Vegetable and Mushroom producers to supply the market						
C1. Create groups of vegetable producers to regularly supply to the market						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Seng Thea	Farmer	1	Chum Kamleung	Srae Nouy	097 82 83 348
2	Yab Mao	Village level. Vice		088 82 49 417		
3	Var Kimhuot	Farmer	1	Ou Ramchek		
4	Bin Chanthorn	Farmer	1	Andoung Chan		071 66 65 985
5	Mei Sari	Farmer	1	Samut		097 89 95 528
6	Deourk Sokha	Farmer	1	O' Tai	Lvea Krang	088 23 02 932
7	Keour Saphov	DC		Kouk Kandal		088 36 91 298
8	Heourm Hang	Farmer		Kouk Chan		088 23 02 932
9	Yeng Sameourk	Village level. Chief	1	Romduol	Varin	097 77 64 295
10	Phnom Cheourn	Village level. Chief	1	Prasat	Prasat	097 59 63 747

Project Description

Varin a remote district from Siem Reap city, where most of the farmers grow vegetable for family consumption and have less vegetable for sale. Thus, the vegetable sold in Varin is mainly brought from Puok, and Siem Reap town where some vegetables are imported from nearby districts/provinces and some others are imported from neighboring countries. Having seen more and more demand of vegetables and opportunities to make more income, our farmer groups plan to group the vegetable growers who produce the vegetables adapted to the climate, water, soil conditions and met the demands of Sre Nouy and Anlong Veng markets. We proposed this project in order to strengthen our vegetable grower groups as well as disseminate the production to other farmers to grow more and more so that regular year-round supply of vegetables to these two markets are assured. To achieve the project, our farmer groups will share technical experiences via study trip and sharing meeting, define regular production planning and cooperate with input (fertilizer, seed, pesticide) supply companies, NGOs/los and district office of agriculture. Moreover, we will create good connection with collectors to know the market demand before production and discuss with them about quality and price of the vegetable. Then we will mobilize other farmers to join and grow the vegetable as well.

C2. Create groups of pumpkin producer to export to Thailand market						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Phan Narin	Village level. Chief	1	Tranpeang Krasang	Srae Nouy	088 71 83 887
2	Phat Phaet	Farmer	1	Lvea		071 65 97 848
3	Puok Keat	Farmer	1	Kouk Voat		097 55 41 591
4	Ven Torn	CC	1	Kouk Chan	Lvea Krang	088 93 78 488
5	Nuon Chon	Farmer		O'Tai		096 46 70 234
6	Puy Phuon	Farmer				
7	Yeum Yong	Farmer				

8	Veourn Lorn	Farmer				
9	Chong Putchay	Farmer	3	Kanhchorn Run	Prasat	092 91 21 81
10	Chhon Kom	Farmer	1	Baydot	Svay Sor	071 60 60 321
11	Phorm Nov	Farmer				071 49 35 198
12	Bok Seak	Village level. Chief				071 65 81 720
13	Lach Sitha	Farmer				088 77 76 319
14	Tang Cheourn	Farmer				088 52 44 223

Project Description

This year 2015 Varin's farmers are interested in planting pumpkin to sell to local and exporting markets but the farmers do have the techniques for production, management, fertilizer application and pesticide use. We proposed this project in order to expand pumpkin production with technical base to get high yield and to share good experience to other farmers in cooperation with community based organization, input (seed, pesticide, fertilizer) supply company, district office of agriculture and other relevant organizations. We will discuss with collectors to know types of seed, quantity and price on the market. Grouping the producers will be easy to exchange necessary experience to make this production successful and assure regular supply to the market.

D. Thematic Field: Eco Tourism						
D1. Resort development in Changkran Rouy Community Forest Forest						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Chheourn Sody	Forestry community chief	1	Baydot	Svay Sor	071 49 64 267
2	Chhon Kom	Member				071 60 64 321
3	Lach Sitha	Member				088 77 76 319
4	Tang Cheourn	Farmer				088 52 44 223
5	Chin Sambot	Member		O'Tai	Lvea Krang	
6	Ven Torn	Vice Chief of Forestry community		Kouk chan		088 93 78 488

Project Description

Changkran Rouy Mountain covers more than 9000 hectares of forest land, various animal species, Peuy water fall, wide rock field and different plant species which can be used as traditional herbals and home plants. In 2015 Changkran Rouy forestry community is registered and elected the committees facilitated by Mlop Baitang. The community arranges ranker groups to work 2-4 times per month and demarcates 25 posts for community boundary. Nowadays, the community gets legal support from commune to provincial levels and forestry administration construct 3 paths to the community, 3 guarding points, and prepares the resort of Changkran Rouy water fall. After having cooperated with Sansom Veasna organization, the community is testing feeding so that the animals get used to and come to the feed. To see the animal coming to the feed, each tourist needs to pay 10USD to the community. Seeing this potential, the community committee proposed this eco-tourism project with planning to set up 5 guarding points (1. At the entrance, 2. On the mountain near monk hermitage where there later will be a pagoda 3. At the water fall 4. At Rouhal/Dantouk 5. Changkran Rouy rock field) where each guarding point has homestays, huts at each touristic site for the visitors to have food, water closet, and sign boards to other sites on the mountain. The community committee and some members start to clear and clean the path to the water fall so that the local people can visit gradually. Sansom Veasna organization has support in trainings the member on how to greet, setup camping and cook the food for the visitors. Another opportunity is the ongoing construction of a gravel road from Outeay village to Baydot village, which increases accessibility of more and more local visitors.

With the recent support from provincial authority, the community is recommended to seek for support from provincial department/ministry of tourism on eco-tourism development. The challenges in the community are that some members seldomly involve and people of nearby districts always illegally log or hunt (disturbing/frighting the animals being tested feeding) as there are many entrances (from Sre Nouy commune, Angkor Thom, Angkor Chum and Banteay Srei Districts) made difficulties to walk guard. To run and achieve the project objective, the community committee requests supports from NGOs/IOs, relevant provincial department/ministry as well as authority and competence at all levels to build capacity to the community member so that they can organize, manage more effectively and sustainably protect the community forest, and promote to the national and international tourists. Additionally, it can disseminate to non-community members to understand and stop deforestation and kill the wild lives.

D2. Development of eco resort (Teuk Chub Kambou, Prey Yeng Thom, Chub Preah Meru, Chub Soum)						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Suon Seourt	Farmer	1	Kambour	Svay Sor	097 56 22 551
2	Lom Peoury	Farmer		Russei Touch		
3	Khong Heourm	CC	1	Vien	Prasat	097 82 59 204
4	Vong Voun	CC		Tuol Romiet	Varin	097 86 92 966
5	Som Yeung	Farmer	1	Trapeang Krasang	Srae Nouy	097 24 02 726
6	Phan Narin	Village level. chief				088 71 83 887

Project Description

Geographically, Svay Sor commune is covered with forest, mountain, temples, and ancient ground which are related to history and nice natural view with fresh air, where can be developed into natural and historical resort. The people can make income from tourism services. We propose this project in order that the people can earn additional income besides agricultural activities and contribute the protection of natural and historical resources in the district. The project can be successful if there is more organization as well as promotion to attract the national and internal visitors.

E. Thematic Field: Group/community for Bamboo growers and Bamboo/shoot processing to supply to the market						
E1. Groups of Bamboo producers to supply the inside-and-outside district market and improve bamboo nursery						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Som Yeung	Farmer (selling bamboo plant)	1	Trapeang Krasang	Srae Nouy	097 24 02 726
2	Phan Narin	Village level. chief (selling bamboo plant)				088 71 83 887
3	Seng Thea	Farmer (selling bamboo plant)	1	Chum Kamphleung	Srae Nouy	097 82 83 348
4	Nharb Mao	Village level. vice				088 82 49 417
5	Meas Sadeung	District council (selling bamboo plant)	1	Voat	Srae Nouy	097 21 59 486
6	Mao Sarom	Farmer				088 79 74 499
7	Vorn Savet	Village level. chief (selling bamboo plant)	1	Khnar Phtoul	Srae Nouy	097 96 82 191
8	Seak Samkharn	Farmer (selling bamboo plant)				088 85 31 007
9	Seng Se	Farmer (selling bamboo plant)	1	Lvea	Srae Nouy	017 62 17 63
10	Puok Keat	Farmer		Kouk Voat		097 55 41 591
11	Ven Torn	Commune council	1	Kouk Chan	Srae Nouy	088 93 78 488
12	Bram Bou	Farmer				097 24 91 661
13	Mat Dong	Farmer	1	Kouk Kandal	Lvea Krang	088 24 73 745
14	Keour Saphov	District council				088 36 91 298
15	Mat Ang	Farmer	1	O'Tai	Lvea Krang	088 41 88 574
16	Nuon Chong	Farmer (selling bamboo plant)				096 46 70 234
17	Puy Phoun	Farmer	1	Varin	Varin	097 77 48 603
18	Tham Leourt	Village level. chief				097 86 92 966
19	Vong Voun	CC	1	Tuol Romiet	Prasat	097 86 92 966
20	Inh Eat	Farmer		Tomneab Svay		088 92 98 825
21	Suon Ngark	Farmer	1	Kamdai	Prasat	096 25 33 126
22	Keo Thy	Farmer		Vien		097 56 10 408
23	Chean Sopath	Farmer	1	Kambour	Svay Sor	097 59 89 099
24	Chheourm Vy	Farmer				097 25 08 005

Project Description

Varin is one of the district with wild bamboo situated along the river, in the forest, in some rice field and in the community forest. It is the potential for Varin's farmers as there is demand of bamboo for different utilities such as construction materials, handicraft products and weaving materials. No proper management and technical extraction make the farmers able to benefit less from the existing bamboo, low quality and price. Our farmers proposed this project in order to create a community to take actions for management and projection of the existing bamboo with supports from local authority and forestry administration such as changing people habits of invading the forest land, stopping burning bamboo forest, and having proper extraction of bamboo and shoots. Additionally, There are some areas in the community forest, where we can re-plant the bamboo such as Changran Roy community forestry which has about 100 hectares of thatching grass field where bamboo plants can be suitably grown. Along the water streams, there are free land where there is not suitable for the crops but appropriate for bamboo planting which can prevent erosion and have economic benefits as it is demanded by the local market. Regarding the existing forestry communities, they can start to manage and extract the bamboo to supply to the market in the coming year 2016.

To promote the bamboo plantation with quality and quantity, the project need to improve and increase the varieties at the existing bamboo nursery and share good practical experience to other local farmers so that they can plant with time saving and earn income from bamboo plantation.

E2. Groups of Bamboo shoot processor						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Vong Neang	Farmer	1	Baydot	Svay Sor	071 60 64 321
2	Chhon Kom	Farmer				
3	Sitha Selathorn	Farmer				
4	Bok Seak	Farmer				
5	Keo Thy	Farmer	1	Vien	Prasat	097 56 10 408
6	Suon Ngark	Farmer		Kamdai		096 25 33 126
7	Meas Khem	Farmer	1	O'Tai	Lvea Krang	097 74 35 901
8	Puy Phuon	Farmer				
9	Som Yeung	Farmer				
10	Phan Narin	Farmer	1	Trapeang Krasang	Lvea Krang	097 24 02 726
11	Seng Thea	Farmer		Chum Kamphleung		070 80 21 20
12	Puok Keat	Farmer		Kouk Voat		097 82 83 348
						097 55 41 591

Project Description

Currently, bamboo shoots in Varin uncontrollably harvested with no technical practices and were sold to the collectors inside and outside the district. Our group of bamboo shoot processors in Baydot, Varin district, was established in 2015 and starts to test processing the shoot and sell inside and outside the district. Recently, our groups have sold in a small amount of the processed shoots in the district. Right now we are testing processing shoots with good quality which does not impact on the health and can be kept for longer time. The trainings on processing techniques for our group were delivered by Green Economic Development Community of Varin in cooperation with RED III. After successful testing, we will promote other processing groups to expand production in order to broadly supply the market.

F. Thematic Field: Groups/community of agro-industry crop producers to supply to the market						
F1. Plukenetia volubilis production and supply to the exporting market						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Som Yeung	Farmer	1	Trapeang Krasang	Srae Nouy	097 24 02 726
2	Von Savet	Village level. chief	1	Khmar Phtoul		097 96 82 191
3	Cham Sameourt	Farmer				097 36 30 014
4	Van Ret	Farmer	1	Srae Nouy		088 63 26 229
5	Seng Se	Farmer		Lvea		017 62 17 63

6	Keour Saphov	District council	1	Kouk Kandal	Lvea Krang	088 36 91 298
7	Nuon Chon	Farmer	1	O'Tai		096 46 70 234
8	Yat Phai	Village level. chief	1	Kanhchorn Run	Prasat	097 74 35 449
9	Chean Sophat	Farmer	1	Kambour	Svay Sor	097 59 89 099

Project Description

Plukenetia volubilis is new crop for Cambodia and this product is introduced in 2015 by a private company to our farmer groups to grow. Our farmer groups signed a contract farming No. 00290 with Cambodia Nathan Trading Co., Ltd. Now some other farmers are interested in growing this crop because it returns for long term and no need to grow every year. It is easy to harvest and has existing export market handled by the company contracted buying from the farmers at an appropriate price. However, this crop is new, needed to grow in the organic environment, proper management, fertilizer use and organic pesticide. Also, we do not know clearly about the crop development and challenges such as diseases and the collection of company. Therefore, our farmers raised this project in order to work with authority (village, commune, and district) and expert to follow up the company as our farmers have not harvested yet, worrying us of how the company will collect. Moreover, we need the technical support from civil society organizations in terms of technical on production, and proper use of organic fertilizer and pesticide. In the future, the contract farming works as planned, we will increase producer groups as this crop is another income generated sources for the family.

F2. Group of cassava producers and processor to supply to the market						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Nhib Mao	Village level. Vice	1	Chum Kamphleung	Srae Nouy	088 82 49 417
2	Cham Davi	Farmer		Khnar Phtoul		097 74 50 507
3	Mei Sari	Farmer		Samut		097 89 95 528
4	Puok Keat	Farmer		Kouk Voat		097 55 41 591
5	Puy Phuon	Farmer	1	O'Tai	Lvea Krang	
6	Tit Phon	Farmer		Kouk Kandal		
7	Nem Neourm	Village level. Vice	1	Kanhchorn Run	Prasat	097 75 51 129
8	Seourng Suoy	Commune council				
9	Yat Phai	Village level. chief				Prasat
10	Chay Cheng	Farmer	1	Baydot	Svay Sor	097 74 35 787
11	Tory Sokha	Farmer				
12	Cheng Thornng	Farmer				

Project Description

Nowaday, cassava is dominating on the export market of agricultural product to neighboring countries yearround. The market demand of cassava depends on the collectors and harvest time when sometime the market needs fresh cassava and other time needs dried one. Cassava is an important source for our farmers' income in Varin district but majority of cassava farmers do not learn techniques for production. They learn from their own practices or others' experiences and bought stems to grow all seasons but sometime there are diseases or the stems did not germinate well, making problems for the soil and low yield. This project aims at creating producer groups and connecting each other as a network so that it is easy to exchange experiences on production techniques, proper use of fertilizer and pesticide as well as cassava diseases prevention and treatment. Moreover, it is aimed at collective sale in large amount and contacting the collector to negotiate for an appropriate price and use fair weight scale. Further, the creation of this network is to facilitate the cooperation or support from the local authority or microfinance institutes and technical supports in terms of chemical fertilizer and pesticide use or other any support from civil organizations as well as private input supply companies.

G. Thematic Field: Infrastructures that generate income for the community						
G1. Constructions of a water reservoir on the mountain and pipelines connection to distribute the water to the people						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Chheoun Sody	Forestry Community chief	1	Baydot	Svay Sor	071 49 64 267

2	Lach Sitha	Farmer				088 77 76 319
3	Lat Ngarm	Farmer				
4	Cheng Thorng	Farmer				088 62 79 446
5	Chhorn Kom	Farmer				071 60 64 321

Project Description

From time to time, the people in the community and Baydot village lack of water for daily lives both human and animal, and the people cannot grow any crop as particularly in dry season there is no water at all in the river or stream. As always, in the rainy season the people bring unsafe and unclean water for their family use from the stream about 1km far from the village. Surrounding the water streams, there are cassava field where chemical agricultural pesticides and fertilizer are used, polluting the environment including harvesting, cutting and drying. Facing the mentioned situation, the community committee and other important stakeholders initiated this project in order to access to clean and safe water that is not effect on public health, saving time of people for running and increasing other livelihood activities for their families. This project will construct a dam about 50 meters, 4 meter base and connect big pipelines laying down at least 2 kilometers across 3 community guarding points (1. At the entrance, 2. On the mountaintop, and 3. Near the water fall). The community is the management and contributors to other people with an appropriate price. Most of the people are interested in accessing the water with contribution paid to the community following an appropriate price in order to support the community to earn income and account it in the future. This project idea can be achieve when there are cooperation and support from authorities (provincial, district, commune, village and forestry administration). Additionally, we need to cooperate with other people outside the community so that they learn about protection and maintenance this water system for long term accessibility.

G2. Electricity generation from the reservoir for the community						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Chhon Kom	Farmer	1	Baydot	Svay Sor	071 60 64 321
2	Lach Sitha	Farmer				088 77 76 319

Project Description

Based on experience, some small touristic areas, which are the damming site to downstream, the water can be transformed into a small hydro dam. That's the reason why this project is related to the above mentioned project. The community committee proposed this project with planning to generate electricity for the guarding points and monks' hermitage on the mountain. This project cannot be achieved unless there are cooperation and technical support from local authority and relevant organizations or connection with the successful person in generating the electricity from such a stream for instance the Bateay Srei resident lives at Sreah Dounrik.

G3- Restoring reservoirs, canals, dam, and watergate construction to serve the farmers and tourism in the district						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Neak Neron	District governor		Kanhchorn Run Svay Sor	Prasat Svay Sor	012475758
2	Mut Kim	Business man				0885226483

Project Description

Varin is plateau region, where the slope areas downflow the rain water quickly to Tonle Sap. This project will help store the rain water on those areas for long to distribute to the rice field. When there is less rain, the rain water storage can be used as fish and bird conservation reservoir, the eco tourism site, attracting the local visitor during public ceremony holidays to do outdoor activities such as swimming, boat racing, fishing ...etc. The local people can sell locally-produced products and foods such chicken, duck, pork, vegetable, fruit, homestay service, generating additional income that never exists before.

H. Establish a community market near Varin District Administration Office and weekly market in front of Varin Admin office and Lvea Krang Commune						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Chay Cheng	Farmer	1	Prasat	Prasat	097 74 35 787

2	Prem Khom	Farmer		Kanhchorn Run		088 88 73 608
3	Vong Voun	CC		Tuol Romiet	Varin	097 86 92 966
4	Ven Torn	Commune council	1	Kouk Chan	Lvea Krang	088 93 78 488
5	Keour Saphov	District council		088 36 91 298		
6	Seourm Sen	CC		Kouk Kandal		097 99 57 321
7	Chin Sombaot	CC				
8	Meas Khem	Farmer		O'Tai		097 74 35 901
9	Som Yeung	Farmer	1			097 24 02 726

Project Description

Nowadays, the central district of Varin has no place for the people to come to sell and buy the agriproducts, making the collectors less interested in locally grown products. It is also difficult for the people buy or sell other goods, which are needed to travel far to access. Therefore, we still propose this project as the authority show its strong support in establishing this community market to promote trading activities as well as fastening the economic progress in the district. We hope that development partners will support and sharpen this project in the future.

I. IDPoor Household Subsidy						
No	Project initiator	Position	Group	Village	Commune	Tel
1	Leav Rina	CC		Svay Sor	Svay Sor	097 97 00 229
2	Khong Heourm	CC		Vien	Prasat	097 82 59 204
3	Vong Voun	CC		Varin	Varin	097 86 92966
4	Seourm Sen	CC		Kouk Kandal	Lvea Krang	097 99 57 321
5	Suon Lei	CC		Voat	Srae Nouy	097 62 56 877

Project Description

We have already learnt that this project was piloted in two communes (Srae Nouy and Savy Sor) to offer opportunities to increase income to the IDPoor households who are industrious and used to learn production techniques delivered by the program or other NGOs/IOs. After district council and commune council joined a study trip, they requested continuing this project in order to support the poor in their communes. As the commune council, we are interested in this proposed project as it is enabling the poor to create a micro business based on their technical skill and successful and failure experiences, cooperation and market information access from other stakeholders in order to further progress their business. This project cannot be successful unless village authority disseminates information about this project and selects the interested IDPoor household while commune council cooperates with district and provincial authorities to get the financial support and trainings for the poor so that they learn the techniques, reducing more risks. Additionally, commune council will cooperate with the local successful farmers to provide the technical support and provide market information to the poor joined this project.

Varin economic development concept paper was updated on 29 December 2015 in a workshop participated by the stakeholders from private, public sectors and civil society especially all initiators of the above-mention project. There are 13 initiators of previously proposed projects and 35 of new ones taking part in the concept design, facilitated by Green Economic Development Community of Varin, district core group partners and advisor of Regional Development Programm III (RED III), Siem Reap.

This concept papers consists of all different projects proposed by 48 representatives of the active and motivated stakeholders from three sectors as mentioned above. After compiled and firstly drafted with consultation from 48 stakeholders, there was a second meeting to discuss more detail on the projects, revise the strategies, vision and finally approve on 18 February 2016.

This local economic development concept paper is acknowledged by district council and governor board on 2016 and afterward supported by the district council in regular meeting on 2016 with votes out of votes.

Having seen and agreed
Varin, dated:...../...../2016
District Council Chairman

In order to get detail information on Varin's RDC and the projects mentioned above, please contact:

1. Varin District Administration

Address: Kanh Choun Run Village, Prasat Commune, Varin District, Siem Reap

- Represented by **Mr. Naek Neron**

Mobile Phone: 012 475 758

E-mail: neron_neak@yahoo.com

- Represented by **Mr. Lorm Soam**

Mobile phone: 088 846 866 1

- Represented by **Ms. Meas Khem**

Mobile phone: 097 743 590 1

2. Green Economic Development Community of Varin

- Represented by **Mrs. Sram Touch**

Mobile Phone: 017 848 429

E-mail: sramtouch@gmail.com

- Represented by **Ms. Bun Sineth**
Mobile Phone: 017 386 095
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Or in order to receive information on Regional Economic Development Program (RED III) in Siem Reap province, please contact to:

1. Siem Reap Administration

Address: Siem Reap town, Siem Reap provinces

Represented by **Mr. Chik Kim Chum**

Mobile phone: 012 40 31 00

2. GIZ-RED III

P.O Box 17000 Siem Reap Angkor Cambodia

Represented by Mr. Em Sokhom

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E-mail: sokhom.em@giz.de