



S3-P4



**គម្រោងជំរុញភាពធន់របស់សហគមន៍ជនបទ
រស់នៅក្នុងតំបន់ការពារធម្មជាតិ ទៅនឹងការប្រែប្រួលអាកាសធាតុនៅប្រទេសកម្ពុជា
ថ្ងៃទី 29 ខែវិច្ឆិកា ឆ្នាំ ២០១៦ នៅសណ្ឋាគារឯករាជ្យ ក្រុងព្រះសីហនុ**

**Enhancing Climate Change Resilience
of Rural Communities Living in Protected Areas in Cambodia
29 November 2016, Independent Hotel, Sihanoukville**

**សមិទ្ធិផលគម្រោងបកទល់បច្ចុប្បន្ន
Project Progress to Date**

**អ៊ុក ណាវ៉ាន់ អ្នកសម្របសម្រួលគម្រោង
Ouk Navann, National Project Coordinator**

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Administration and Finance Processes

- Established PSC
- Recruited PMU
- Recruited GC
- Recruited Consultants/Experts
- Set up communication tools
- Prepared documents and purchased project equipments (quotation processes)
- Prepared document for purchasing goods and constructions (bidding process)
- Prepared three months expenditure report
- Prepared half year expenditure report
- Prepared half year progress report
- Prepared cash advance request
- Prepared non-expenditure report
- Prepared and released payroll to all staffs
- Supported administration processes to all staffs

2. ការកែសម្រួលថវិកានិងរៀបចំផែនការងារ Budget Revision and Workplan Preparation

- Participated in budget revision
- Revised project budget
- Participated in workplan preparation
- Detailed costed workpan preparstion

3. ការជ្រើសរើសបុគ្គលិក និងអ្នកជំនាញការ និងការប្រគល់ឯកសារ

Recruitment of Staff/Experts and Report Submissions

- Staff/Experts recruitment
 - Recruited 16 consultants and experts for 2014 (01 international consultant firm and 15 national experts)
 - Recruited 4 experts for 2015 (01 international expert and 03 national experts)
 - Extended contract of 5 experts for 2015
 - Recruited 1 expert for 2016
 - Extended contract to all project staffs
- Report submissions
 - Prepared and coordinated the baseline study of indicator and targets
 - Submission of final draft report for baseline study
 - Submission of draft report for the 15 experts
 - CTA has commented to all the 15 experts' report
 - All experts have submitted final draft reports
 - Submission of 4 CPAMP

4. ការកសាងសួនបណ្តុះកូនឈើ និងពិធីសម្ពោធនៃ

Nursery Construction and Inauguration

1- Chiork Boeungprey Nursery

- Organized meeting for nursery design (Early Nov 2013)
- Nursery quotation processes (Mid-late Nov 2013)
- Started building Nursery (Early Dec 2013)
- Inaugurated by HE. Say Samal, Minister on 14 July 2014

2- Chop Tasok Nursery

- Consultation processes since January 2014
- Organized meeting for nursery design (February 2014)
- Nursery quotation processes (March 2014)
- Organized meeting for nursery design (October 2014)
- Nursery quotation processes (October 2014)
- Started building Nursery (Early November 2014)
- Inaugurated by HE. Mey Buthwithya, Undersecretary of State on 06 March 2015

3- Rounouk Khgneng Nursery

- Consultation processes since February 2014. There might be delayed in the first year activities due to:
 - Ownership of the nursery
 - Redirect site (traditional believe)
 - New location has no sufficient water source
- Organized meeting for nursery design (Early December 2014)
- Nursery quotation processes (December 2014)
- Started building Nursery (January 2015)
- Inaugurated by HE. Mey Buthwithya, Under secretary of State on 18 May 2015





5. ការសាងសង់ប្រព័ន្ធផ្គត់ផ្គង់ទឹក

Water Supply Infrastructure Construction

CPA Name	Open Well	Pump Well	Rain Harvest Tanker	Pond	Solar Pump Tanker	Spring Collect Pool	Gravity Storage Tanker	Sprinkler	Cascade Dam
Chiork	37			03	03			01	
Chorm Thlok	66								01
Skor Krouch						02			
Chup Tasok						01	07	01	01
RonoukKnheng		13	74					01	
Total	103	13	74	03	03	03	09	03	01





6. ការសាងសង់សួនសត្វព្រៃធម្មជាតិ

Construction of Natural Wildlife Zoo

- The project helped Chiork Boeungprey CPA to establish a natural wildlife zoo with 2240 meter in radius, covering 28 hectares of land which recently released 02 roe deer, 03 musk deer, 27 wild pigs and 03 porcupines.
- The main goal of this establishment is to upgrade the Chiok CPA into an eco-tourism attraction area where forest and wildlife animals will be conserved.



7. ការសាងសង់សាលាសំណាក់ និងស្នាក់ការសហគមន៍

Construction of Public Road Rest Area and CPA Station

The AF project built 02 Road Rest Areas and CPA station with each size of 15m x 10m. The buildings were constructed to be used as the information dissemination hub for the public.

- The first Road Rest Area and CPA station was established in Chiork village, Romni commune, Rovieng district, Preah Vihear province; and
- The second Road Rest Area and CPA station was in Chorm Thlok CPA, Gnorn village, Ngorn commune, Sandan district, Kampong Thom province.



8. ការដាំឈើព្រៃក្នុងព្រៃសហគមន៍

Indigenous Trees Plantation in CPA Forest

CPA Name	2014	2015	2016	Total
Chiork	15,501	20,030	9,300	44,831
Chorm Thlok	20,007	40,000	30,000	90,007
Skor Krouch	10,006	20,000	15,000	45,006
Chup Tasok	2,400	10,000	15,670	28,070
RonoukKnheng	0	0	10,000	10,000
Other CPAs	0	0	8,500	8,500
Grand Total				226,414





9. ការចែកពូជកូនឈើហូបផ្លែ

Fruit Trees Distribution

CPA Name	2014	2015	2016	Total
Chiork	2,373	5,550	11,877	19,800
Chorm Thlok	10,000	15,000	34,500	59,500
Skor Krouch	6,500	10,000	20,500	37,000
Chup Tasok	2,400	10,150	15,000	27,550
RonoukKnheng	0	10,100	10,000	20,100
Other CPAs	0	1,000	1,000	2,000
Grand Total				165,950





10. ការចែកពូជស្រូវដែលធន់អាកាសធាតុ

Rice Resilience Species Distribution

CPA Name	2014	2015	2016	Total
Chiork	04			04
Chorm Thlok	27	175	296	498
Skor Krouch	33	144	183	360
Chup Tasok			10	10
RonoukKnheng				
Grand Total				872



11. ការចិញ្ចឹមសត្វជាលក្ខណៈគ្រួសារ

Family Livestock Farming

CPA Name	Chicken	Cricket
Chiork	28	10
Chorm Thlok	54	14
Skor Krouch	34	11
Chup Tasok	14	12
RonoukKnheng	25	07
Other CPA		06
Grand Total	155	60



12. ការផ្តល់សួនបន្លែជាលក្ខណៈគ្រួសារ

Provision of Family Homegardens

CPA Name	Total
Chiork	31
Chorm Thlok	217
Skor Krouch	172
Chup Tasok	43
RonoukKnheng	60
Grand Total	523

ចែកសំភារៈគាំទ្រ និងគ្រប់ពូជបន្លែ

Distributed homegarden equipments and seedlings



ការចុះវាយតម្លៃការអនុវត្តសាកល្បងស្នូលបង្កើតគ្រួសារ Field evaluation on family piloting home-garden



13. ការធ្វើសួនកសិកម្មកម្មបង្ហាញនៅសហគមន៍តំបន់ការពារធម្មជាតិជាតិជំរុញ The Establishment of Piloting Agro-Forestry Site in Chorm Thlork CPA

អនុវត្តដោយសិក្សានុសិស្សចំនួន៤ ថ្នាក់ ក្នុងគោលបំណង ៖

Implementing by 4 student classes of an elementary school for:

- បង្កើនចំណេះដឹងកុមារ Increase children knowledge on agro-forestry
- ផ្សព្វផ្សាយគោលគំនិតនៃការធ្វើកសិកម្មនៅក្នុងសហគមន៍ Dissemination of agro-forestry concept to CPA members and villagers



14. ការធ្វើផ្លូវភ្លើងការពារឈើដាំក្នុងព្រៃសហគមន៍

Firebreak Creation to Protect Planted Forest

គម្រោងបានអនុវត្តការងារធ្វើផ្លូវភ្លើងការពារភ្លើងព្រៃនៅតាមទីតាំងដែលបានដាំស្ពានព្រៃសហគមន៍ចាប់ពីឆ្នាំ២០១៤កន្លងមក

The project has established firebreak to protect planted forest in CPA land areas since 2014



15. ការរៀបចំវគ្គបណ្តុះបណ្តាល

Training Courses

Prepared curriculum and conducted 48 training courses as following:

- Conducted a training on strategic patrolling and conflict resolution;
- Conducted 4 trainings for Nursery Management and seedling propagation;
- Conducted 1 ToT and 6 local community trainings on Climate Change Awareness and Climate Change Adaptation;
- Conducted 1 ToT and 5 local community trainings on Technique for Applying Agro-forestry;
- Conducted 1 ToT and 5 local community trainings on Family Financial Management;
- Conducted 1 ToT and 5 local community trainings on sustainable livelihood in context of climate change;
- Conducted 1 ToT and 5 local community trainings on Family Livestock Farming;
- Conducted 1 ToT & 5 local community trainings on land tenure policies and laws;
- Conducted 2 training on eco-tourism;
- Conducted 2 training on our community our hope;
- Conducted 2 training on family scale cricket raising.

វគ្គបណ្តុះបណ្តាល Training Courses

➢ វគ្គបណ្តុះបណ្តាលស្តីពីការគ្រប់គ្រងដំណាំស្រែច្រាំងអនុវត្តន៍នៅក្នុងថ្នាក់បណ្តុះបណ្តាលវិស័យសហគមន៍

(Training on Nursery Management and Seedling Propagation (13-14 May 2014) Participants : 58pax)

➢ វគ្គបណ្តុះបណ្តាលស្តីពីនីតិវិធីនៃការចុះល្បាតព្រៃសហគមន៍ និងការសម្របសម្រួលដោះស្រាយ

ទំនាស់ Training on Strategic Patrolling and Conflict Resolution (08-09 September 2014) (Participants : 67pax)

➢ វគ្គបណ្តុះបណ្តាលស្តីពីការប្រែប្រួលអាកាសធាតុ

Training on Climate Change (27 March 2015) (Participants : persons)

➢ វគ្គបណ្តុះបណ្តាលស្តីពីផលប្រយោជន៍ពីការអនុវត្តកសិរុក្ខកម្ម

Training on Benefits from Practicing Agroforestry (28 March 2015) (Participants : persons)



វគ្គបណ្តុះបណ្តាល Training Courses

➢ វគ្គបណ្តុះបណ្តាលស្តីពីការគ្រប់គ្រងថវិកាគ្រួសារ

Training on Family Financial Management (29 March 2015)

(Participants : pax)

➢ វគ្គបណ្តុះបណ្តាលស្តីពីការចិញ្ចឹមសត្វជាលក្ខណៈគ្រួសារ

Family Livestock Farming (27 May 2015) (Participants : pax)

➢ វគ្គបណ្តុះបណ្តាលស្តីពីការចិញ្ចឹមជីវិតក្នុងបរិបទនៃការប្រែប្រួលអាកាសធាតុ

Sustainable Livelihood in Context of Climate Change (28 May 2015)

(Participants : pax)

➢ វគ្គបណ្តុះបណ្តាលស្តីពីគោលនយោបាយ និងច្បាប់ដីធ្លី

Land Tenure Policies and Laws (29 May 2015) (Participants : pax)



16. ការផ្តល់អាហារូបករណ៍ដល់និស្សិតរដ្ឋាក់អនុបណ្ឌិត

Scholarships for Master Degree Students (Msc)

- The Project provided full sponsored to 11 Msc students,
- 06 Msc students are pursuing their education at Royal University of Agriculture (Chamkar DOUNG),
- 05 Msc students are studying their Master degree at Royal University of Phnom Penh.

17. ការរៀបចំផែនការគ្រប់គ្រងសហគមន៍

Preparation of Community Protected Area Management Plan

- The Project has prepared 04 community protected area management plan namely:
 1. Chiok Boeungprey CPA management plan,
 2. Chorm Thlok CPA management plan,
 3. Skor Krouch CPA management plan,
 4. Chup Tasok CPA management plan.
- Beside, Ronouk Khgneng CPA has already its own management plan.

18. ការធ្វើអន្តរាគមន៍លើការងារអភិរក្ស

Conservation Interventions

- Grouping 126 members of nursery team in total were formed for the three nurseries,
- Propagation and storing young tree seedlings,
- Providing incentives for nursery management teams and USD 200/month/CPA on gasoline for nursery management,
- Providing USD 150/month/CPA for patrolling activities,
- Firebreak creation to protect planted forests and forest fire every year in March and April,
- Fish release activities,
- Arranged camping activities in two occasions for more than 200 campers,
- Organized Earth Day Campaign.

19. កង្រួមឈម

Challenges

- Budget revision,
- Negative impacts from ELC and Gov't Land Policy,
- Disperse location of project intervention sites,
- High cost of transportation,
- Slow budget release,
- Limited time availability of core working teams,
- Capacity of CPA committee on climate change and its adaptation is still limited,
- Deal with grassroots (ethnic minorities) people (knowledge, traditional, believe and way of life),
- Limited knowledge on agro-forestry,
- Planted forests were threatened with water shortage and forest fire,
- CPA villagers have little interest in planting indigenous trees but more interest in livestock farming activities,
- The findings of experts did not reflect CPA real situation.

20. មេរៀនបទពិសោធន៍

Lessons Learned

- Communities are reluctant to be part of the project due to their geographic locations and traditions;
- Community consultations are necessary for any work undertaking;
- Leadership and facilitation skills and abilities of the CPA committee members are vital for project implementation;
- Sense of ownership among the community members should be promoted in all aspects of project implementation;
- Theoretical lessons must go alongside with actual implementation;
- Provision of the communities to do their labor work is better than the work is done by outsiders.
- Slow provision of young trees and vegetable seeds causing problems and lack of water usage;
- Linking technical knowledge with that of immediate practice;
- Community immediate interests outweigh long term interests;
- Fund release should be done on time and right seasons for project implementations.
- CPA members got involved in the project implementation;
- Concrete infrastructure establishment are necessities;
- Other considering factors such as location, humanity factors and traditional factors,

Thank you!