



**Government of Lao PDR**  
**IBSA Trust Fund**  
**United Nations Development Programme**



## **SUPPORT TO INTEGRATED IRRIGATED AGRICULTURE IN 2 DISTRICTS IN BOLIKHAMXAY**

### **SECOND QUARTERLY PROGRESS REPORT (QPR)**

**(Reporting period: April-May-June 2014)**

**Bolikhamxay Provincial Agriculture and Forestry Office**

**July 2014**

**I. PROJECT INFORMATION AND RESOURCES**

|                                  |   |
|----------------------------------|---|
| <b>Project number and title:</b> | 00083482-Support to Integrated Irrigated Agriculture in 2 Districts in Bolikhamxay (SIRA)   |
| <b>Implementing Partners:</b>    | Provincial Agriculture and Forestry Office of Bolikhamxay Province, (PAFO)  |
| <b>Responsible Parties:</b>      | Provincial Department of Planning and Investment of MPI, Provincial Natural Resources and Environment Office (PNREO) of MONRE, Department of Irrigation of MAF, Department of Livestock and Fisheries of MAF, Department of Forest Resources Management of MONRE, Department of Forestry of MAF |

| <b>Project Starting date</b> |                | <b>Project completion date</b> |                  |
|------------------------------|----------------|--------------------------------|------------------|
| Originally planned           | Actual         | Originally planned             | Current estimate |
| June 2012                    | 14 August 2012 | June 2015                      |                  |

|   |                     |
|---|---------------------|
| <b>Period covered by this report:</b>                                     | April-May-June 2014 |
| <b>Date of Mid-term Review:</b><br><i>[Indicate if planned or actual]</i> | to be determined    |

| <b>Total Project Budget</b> | <b>Original Budget (US\$)</b> | <b>Latest Signed Revision (US\$)</b> |
|-----------------------------|-------------------------------|--------------------------------------|
|                             | 1,323,000                     | 1,323,000                            |

| <b>Resources</b> | <b>Donor</b>    | <b>Amount (US\$)</b> |
|------------------|-----------------|----------------------|
|                  | IBSA Trust Fund | 1,323,000            |

| <b>Quarterly Delivery rate</b> | <b>Total Planned Quarterly Project Budget for Q2, (US\$)</b> | <b>Total Actual Spent for this reported quarter (US\$)</b> |
|--------------------------------|--|--|
| %                              | US\$ 246,399.14  | US\$ 32,155.76   |

## II. PURPOSE

*[To be completed in cooperation with UNDP Programme Analyst]*

**1. Main objectives of the project:** *[as per the approved UNDP Country Programme Document and Country Programme Action Plan and/or project document]*

The overall objective of the project to contribute to sustainable livelihoods improvement and food security through the development of irrigated agriculture and the promotion of more sustainable management of corresponding watershed resources in the selected communities of Bolikhan and Viengthong Districts of Bolikhamxay Province.

### 2. How the project relates to United Nations Development Assistance Framework (UNDAF)?

The project objectives and activities fully comply with UNDP's policies and strategies, specifically in the following key areas:

- **MDG – Goal 1** (Eradication of Poverty and hunger) and **MDG Goal 7:** Promote Environmental Sustainability: the project is in line with the efforts to reduce poverty and hunger and will contribute the better management of natural resources supporting local agricultural production systems and livelihoods
- **UNDAF/CPD Outcome 1:** By 2015, the government ensures sustainable natural resources management through improved governance and community participation
- **UNDAF/CPD Output 7.3:** Communities are more engaged in the management of natural resources

### 3. How the project aims to support national development goals including the Millennium Development Goals (MDGs) and/or National Poverty Eradication Programme (NPEP)?

The project objectives and activities fully comply with national policies and strategies, specifically in the following key areas:

-The **National Growth and Poverty Eradication Strategy (NGPES)** provides strategic guidance for the Government of Lao PDR (GoL) to secure future economic growth and achieve poverty eradication in a holistic and comprehensive manner. The Strategy is an operational guide toward for enhancing growth and development and reducing poverty, with the goal of eradicating poverty by 2020. The NGPES and other national policies identify household food insecurity as the most critical challenge to overcome in order to ensure the most basic level of secure and sustainable livelihoods for the majority of the Lao rural population. Widespread food insecurity coupled with high levels of acute and chronic malnutrition impedes social, human and economic development and contributes significantly to poverty. Food insecurity is defined by inadequate availability, access, utilization and stability. Shortfalls in these areas are commonplace and are most pronounced amongst farming households in rural areas. Many communities lack adequate coping strategies for the food-deficits and associated health problems that persist amongst large sections of the population. Food security concerns are entwined with issues throughout the CCA and are very closely tied to the topics discussed in the Crosscutting Development Issues chapter (particularly resettlement and UXO contamination). Food security is recognised as a critical national development challenge by the GoL in the NGPES. Tackling food insecurity will also contribute to achieving Millennium Development Goal (MDG) 1, Target 2 - halving the proportion of Lao people who suffer from hunger by 2015.

-The recently issued **7<sup>th</sup> NSEDP 2011–2015** is, as part of the long term goal of the country, to implement its policy of national development, achieve economic growth of at least 8% annually, reduce poverty, achieve the Millennium Development Goals by 2015 and construct basic infrastructure for industrialisation and modernisation in the times to come. The 7<sup>th</sup> NSEDP states the direction for Agriculture and Forestry sector "Systematically develop all aspects of agriculture and forestry in line with industrialisation and modernisation priorities in areas that have favourable conditions; ensure food security; promote commodity production for domestic use and export; improve productivity and enhance end-product quality".

The **Irrigated Agriculture Strategy** includes the following irrigation sector targets that relate to this project: "By 2015 the irrigated area in the dry season to be increased to 500 thousand hectares including 300 thousand hectares for dry season irrigated rice; wet season irrigated areas to be expanded to 9.5 hundred thousand hectares" through a measure to "Promote irrigated farming systems to support production activities and improve productivity"

### III. PROJECT PERFORMANCE AND RESULTS

#### 1. Contribution to the strategic goals [SRF related matters to be completed in cooperation with UNDP Programme Analyst]

| SRF Goal:  |   | SRF Sub Goal:   | Strategic Area of Support:                                      |   |  |
|--|---|---|---|---|--|
| Annual outputs and indicators [According to project document and/or quarterly work plan]   | Key planned activities during reporting period  | Key activities completed during reporting period  | Expenditures [Actual expenditures against activities completed] | Progress towards achieving outputs and targets achieved against indicators  | Reasons if progress below target and response strategies [If applicable, explore underlying factors and reasons for gaps in output and target] |
| 1. Watershed management plan for Nam Pou project is developed and implemented<br>Target 1.1 (2014): Watershed Management plan developed and Watershed Management Committee in place<br>Indicator 1.1: Watershed Management Plan developed and implemented and Watershed Management Committee in place<br>Baseline 1.1: No existing watershed management plan<br>Target 1.2 (2014): Community based forest management plans developed and corresponding committees in place | 1.1 Development of Watershed Management Plan based on participatory land use planning and formation of Watershed Management Committee | 1.1.1 The Watershed Management Plan (WMP) and Village Forest Management Plan has been implemented.<br><br>1.1.2 The watershed management plan report has been submitted.<br><br>1.2.1 The land use planning | US\$ 13,286.65  | 1.1.1 The watershed management plan was implemented in Nampu watershed with community participation (as reported) and is being followed up by capacity building and awareness activities (see below).<br><br>1.1.2 The report #3 – Watershed Management Plan has been submitted in April and is currently under revision.<br><br>1.2.1 Using participatory consultation and amongst stakeholders and based on |  |

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| <p><b>Indicator 1.2:</b> Village forest management plan developed and implemented with corresponding committees in place</p> <p><b>Baseline 1.2:</b> No community based forest management</p> <p><b>Target 1.3 (2014)</b> Forest management plans, including improvement of slash-and-burn agriculture, implemented</p> | <p>village forest committees and development of village forest management plans</p> <p>1.3 Implementation of village forest management plans including the improvement of slash-and-burn agriculture</p> | <p>allocation (mapping and establishment) was completed in all 5 target villages: Phamouang, Phadai, Banbor, Phonyeng and Phonsong.</p> <p>1.2.2 Conflict resolution: land allocation conflict solved.</p> <p>1.3.1 Extra capacity building and livelihood improvement activities; including technical study tour and cooking improvement techniques/</p> |  | <p>Land Use Planning, each village category has been identified, mapped, demarcated and accordingly allocated (in accordance with Forestry Law and with village participation).</p> <p>1.2.2 A land previously unsolved boundary conflict between Ban Pondu and Ban Phonyeng have been solved under agreement. The process has been carried out by provincial and district team together with village authority and villagers involved.</p> <p>1.3.1 Waiting confirmation from Lao/021 regarding financial support.</p> | <p>1.2.2 Recommendations for improvement of Land Use Planning and mapping: Consultants and villagers should work together with all stakeholders involved, coordinating with SIRA's team for resolutions and agreements.</p> |
| <p><b>Annual outputs and indicators</b> <i>[According to project document and/or quarterly work plan]</i></p>   | <p><b>Key planned activities during reporting period</b></p>   | <p><b>Key activities completed during reporting period</b></p>  | <p><b>Expenditures</b><br/><i>[Actual expenditures against activities completed]</i></p> | <p><b>Progress towards achieving outputs and targets achieved against indicators</b></p>  | <p><b>Reasons if progress below target and response strategies</b> <i>[If applicable, explore underlying factors and reasons for gaps in output and target]</i></p>   |

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| <p><b>2. Water supply in both season for irrigating command area of Nam Pou project in Bolikhan District and Namyang and Phondou projects in Viengthong District is available</b></p> <p><b>Target 2.1(2014):</b><br/>Feasibility for rehabilitation of irrigation infrastructure conducted, and in 2013 rehabilitation of irrigation infrastructure completed</p> <p><b>Indicator 2.1:</b> 3,050 meter main canal of Nam Pou project, 1 weir of Namyang project and 1 weir of Phondou project is rehabilitated by 2014</p> <p><b>Baseline 2.1:</b> Poor irrigation infrastructures facilities available</p> | <p><b>2.1. Review and validation of design and costing of irrigation schemes</b></p> <p><b>2.2. Contract Awarding and Contract Management/monitoring</b></p> | <p><b>2.1.1 Minor modification redesigning in the stabilization banks of Nanser scheme. The new designing has been approved.</b></p> <p><b>2.2.1 The new irrigation consultant has been contracted.</b></p> <p><b>2.2.2 The irrigation rehabilitation of 2 schemes – Inception Report was completed.</b></p> <p><b>2.2.3 Construction company and irrigation consultant (SIRA project) have agreed on mechanisms of monitoring and control.</b></p> <p><b>2.2.4 The machinery mobilization has started in both sites.</b></p> | <p><b>US\$ 9,491.16</b></p> | <p><b>2.1.1 Due to the difficulty in access and irrelevance of a previous (designed by of LAO-ASIE consultancy) canal bank stabilization plan, the irrigation consultant was required to redesign the stabilization bank; the new design was approved by SIRA's project manager and will not affect the overall cost of the contract.</b></p> <p><b>2.2.1 New Irrigation consultant (Mr. Suvit Tangchongrath) is working onboard since June, 2014 and is visiting the construction site periodically as accorded.</b></p> <p><b>2.2.2 The first deliverable (#1) of irrigation consultancy has been submitted (Inception Report) on the 09<sup>th</sup> June, 2014 - accordingly.</b></p> <p><b>2.2.3 A controlling method (monitoring, reporting &amp; verification) was established and agreed between SIRA project and the construction company. A series of documents (forms, framework and reporting system) will be used to follow up the construction and rehabilitation process.</b></p> <p><b>2.2.4 The ground work has started and the sites are already cleaned,</b></p> |
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|   |   | <p>2.2.5 SIRA project and construction' company have agreed in a work-rate for the rehabilitation system during the rainy season.</p> <p>2.2.6 PAFO irrigation sector has required translated forms.</p> | <p>however, the construction is going slow (due to the rain).</p> <p>2.2.5 The agreement is that the personnel and machinery will be placed on the target sites, safely working whenever the weather permits, without demobilizing or stopping the work.</p> <p>2.2.6 PAFO irrigation sector has required some of the key forms / documents used by the construction company to be translated in Lao language, facilitating the understanding and evaluation of the personnel involved.</p> | <p>2.2.5 Due to the harsh weather conditions the construction is working in a very slow rate.</p> |
| <p><b>3. Irrigation projects are co-managed by government authorities and Water Users' Association with women participation</b></p> <p><b>Target 3.1. 2014</b> WUA established, capacity of WUA developed in 2013, and in 2014 WUA able to co-manage irrigation projects in cooperation of provincial and district government authorities</p> <p><b>Indicator 3.1:</b> WUA established by 2012 and functional by 2014</p> <p><b>Baseline 3.1:</b> No existing WUA</p> | <p>3.1 Institutional support (logistic, administrative, managerial) for WUA establishment and management from 2012 through 2015</p> <p>3.2 Capacity developing activities</p> | <p>3.2.1 PONRE has conducted awareness rising in 4 villages.</p> <p>3.2.2 PONRE has carried out the evaluation process of the activity.</p>  | <p>US\$ 134.70</p> <p>3.2.1 PONRE has provided awareness activities (providing t-shirts and posters) in 4 villages (Ban Bor, Phondou, Namyang and Thape) for 250 people (including students, officials from the district and village authorities).</p> <p>3.2.2 The training evaluation was conducted and the students have</p>   |   |

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|   |  |  |               | shown to have the best understanding of the training. Several stakeholders were present and the main challenge encountered was to plan the timing of the training in accordance with farmers and other stakeholders' activities.   |  |
| <p><b>4. Agriculture production increased and diversified in Nam Pou project in Bolikhan District and Namyang and Phondou projects in Viengthong District</b></p> <p><b>Target 4.1 (2014):</b> Crop yield increased, two season cultivation in at least 25% of irrigated area (205 ha) with crops other than rice in dry season, and in 2014 two season cultivation in additional next 25% (410 ha) with crops other than rice in dry season</p> <p><b>Indicator 4.1:</b> Two season cultivation with diverse cropping pattern in dry season, Crop yield increased by 2014 - rice 3.5 t/ha (wet season) 4.5 t/ha (dry season), Sweet corn 4.3 t/ha, Feed corn 5</p> | <p>4.1 Training on improved agriculture method - efficient irrigation, diversified cropping method for farmers representing all households ensuring at least 33% women participation</p> <p>4.2 Seed (other than rice) provision for 25% of dry season cultivated land</p> | <p>4.1.1 Establishment of household farmers' model groups</p> <p>4.2.1 The training on "Diversifying Rice Production" was concluded in 4 villages (2 districts).</p> | US\$ 1,275.91 | <p>4.1.1 PAFO and DAFO and village leaders and locals have identified and selected a model for households "increasing and diversification of production", using trainings on cultivation techniques. A total of 2 model groups per village were established; totalizing 5 hectares of piloting plots. For the establishment of the pilot plots were provided 400 Kg of KHAO kai noi seeds and 90 Kg of VTE 450/2 seeds at Ban Bor, Phondou, Namyang and Thape.</p> <p>4.2.1 The training has presented and introduced the new varieties of rice, VTE 450/2 and KHAO Khai Noi (the varieties can produce a yield up to 30% more of the current varieties, being also more resilient to climate change). A total of 46 households (including 10 female) have participated in the model training.</p> |  |



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| t/ha, Soybean (2t/ha)<br><b>Baseline 4.1:</b> Single crop (rice) cultivation, Rice yield 3.41 ton/ha, no other crops cultivated   |   |  |               |  |  |
| <b>5. Improved Fisheries in Nam Pou reservoir through establishment of fisheries co-management</b><br><b>Target 5.1 (2014):</b><br>Fisheries management subcommittee (FMSC) under the WMC established and capacity developed, fisheries co-management developed, and in 2015 fisheries co-management implemented<br><b>Indicator 5.1:</b> Fisheries co-management established<br><b>Baseline 5.1:</b> No fisheries in Nam Pou reservoir | 5.1 Formation and capacity building of FMSC<br><br>5.2 Development Fisheries Co-Management plan<br><br>5.3 Implementation of fisheries co-management plan | 5.3.1 Hatchery activity #1. Fingerlings' production. | US\$ 1,927.91 | 5.3.1 After successful construction of the hatchery ward and tanks allocation, the first fingerling batch production was carried out. On 3rd of June 50,000 fingerlings were hatched; however only 20,000 (40%) survived; due to the unreliable electricity supply, which has affected the pumps and did not properly oxygenate the nursery tanks. |  |

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|   |  | 5.3.2 Hatchery activity #2. Group formation.  |        | 5.3.2 A group was formed and assigned to carry out the activities of fish transposition; supervising and carrying the tanks of fingerlings to the Nampu reservoir. A total of 6 persons were assigned (4 females) for the activity. The first group was reformulated afterwards; due to the distance and heavy weight of the transposition tanks. |  |
|   |  | 5.3.3 Hatchery activity #3. Transposition.  |        | 5.3.3 The remaining fingerlings (after the incident with the pumps) have been moved to the reservoir. The activity has successfully moved the 20,000 grown fingerlings to the Nampu reservoir. The grown fish population will be responsible to over 10 t of available food within the reservoir.   | 5.3.3 Due to the problems with the hatchery oxygen supply, this activity has happened later than expected and may affect the fish population reproduction. |
| 6. Technical and managerial capacity of provincial and district level government staff enhanced<br>Target 6.1 (2012): Capacity assessment<br>Indicator 6.1: One technical report assessing the technical and managerial capability of implementing partner available at the end of 1st quarter of the project | 6.1: Assessment report<br><br>6.2: Staff training and updating on Project Cycle Management | Assessment of the target villages.<br><br>6.2.1 SIRA relevant stakeholders have participated in the NIM-SOP training. | US\$ 0 | 6.1.1 Completed in Q1.<br><br>6.2.1 The relevant persons from SIRA team:<br>Ms. Khaikhan Kounnavong (SIRA's accountant)<br>Ms. Viengsavanh Thongvilay (PAFO's cashier)<br>Mr. Thongbanh Senabandith (SIRA's PM)   |  |

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| <p><b>Baseline 6.1:</b> No report</p> <p><b>Target 6.2(2013):</b> Project team capable to manage all aspects of the project implementation</p> <p><b>Indicator 6.2:</b> Project management team trained following the assessment of institutional capacity in first quarter of project implementation</p> <p><b>Baseline 6.2:</b> Higher officials trained by previous donor supported projects in DOI</p>  |                                       |  |               | Have been invited and participated in the training "Training on NIM-Manual (SOP) for UNDP supported Programme / Projects" - Organized by DIC/MPI and UNDP. (Vientiane Capital, 19-20 June, 2014).  |   |
| <p><b>7. Project management</b></p> <p><b>Target 7.3 (2014):</b> Project office, vehicles procurement, team establishment, effective office management and coordination</p> <p><b>Indicator 7.3:</b> Minimum number of risk and issues recorded in risk and issue logs</p> <p><b>Baseline 7.3:</b> Initial risk log, issue log and communication and monitoring plan elaborated, and list of Project Board member and nominated PM, number of recruited project support staff, project Office established and operational</p> <p><b>Target 7.4(2014??):</b> Regular project monitoring and in 2013 to 2015 as the</p> | 7.3: Project administration operation | <p>7.3.1 The hiring process for Senior National Technical Irrigation Specialist for SIRA was carried out and completed.</p> <p>7.3.2 Assistant Project Manager hiring process. The project is taking actions for contract a new APM.</p> <p>7.3.3 End of contract of SIRA Land Use Planning and Watershed Management Expert (Anouxy Phommala).</p> | US\$ 6,039.43 | <p>7.3.1 New Irrigation consultant (Mr. Suvit Tangchongrath) is working onboard since June, 2014 and is visiting the construction site periodically as accorded.</p> <p>7.3.2 The position for APM is still available, since the resignation of the former SIRA's APM (Q1). The project is taking steps to the preparation for hiring a new APM.</p> <p>7.3.3 The conclusion and delivery of the expected outputs were finalized accordingly. The consultant has provided additional useful maps for</p> | <p>7.3.1 Timely visits may be hindered due to weather issues.</p> <p>7.3.2 The quality of the applicant's submissions did not met UNDP / SIRA requirements so far. The position in considered key in the interlocation between implementer and supporter and should be filled immediately.</p> <p>7.3.3 The final report is currently under amendment and the final</p> |

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| <p>same as 2012</p> <p><b>Indicator 7.4:</b> Quarterly/annual work plan, reports on quarterly/annual project progress, midterm review, monitoring and evaluation including field visit reports, revised quarterly work plans after midterm review is available in timely manner</p> <p><b>Baseline 7.4:</b> No monitoring report prepared</p> <p><b>Target 7.5(2014):</b> Project external monitoring</p> <p><b>Indicator 7.5:</b> Sound financial and technical project management reflected in project external evaluation report</p> <p><b>Baseline 7.5:</b> No external monitoring report</p> <p><b>Target 7.6(2014):</b> Sound financial management indicated in regular financial report</p> <p><b>Indicator 7.6:</b> Audit reports/spot checks with no high risk observation and minimum medium/low risk observation</p> <p><b>Baseline 7.6:</b> All implementing agencies have experience working with externally funded projects</p> <p><b>Target 7.7 (2014):</b> Criteria</p> | <p>7.3.4 Starting preparation for contract of new Program Analyst</p> <p>7.3.5 Upcoming end of contract of Project Specialist (UNV/UNDP) on 21st of July 2014</p> <p>7.3.6 Upcoming maternal leave of project accountant (Set / Oct 2014)</p> <p>7.4: project monitoring and evaluation including field visits</p> | <p>7.3.4 Starting preparation for contract of new Program Analyst</p> <p>7.3.5 Upcoming end of contract of Project Specialist (UNV/UNDP) on 21st of July 2014</p> <p>7.3.6 Upcoming maternal leave of project accountant (Set / Oct 2014)</p> <p>7.4.1 Monthly meetings for April, May and June were held as usual with participation of UNDP and sectors.</p> | <p>the project. No further contract is necessary for the position.</p> <p>7.3.4 UNDP is receiving applications and the position should be fulfilled soon. Mr. Singha Unniyom (Climate Change Policy Specialist - UNDP) has assumed SIRA project in the meanwhile.</p> <p>7.3.5 On 21st of July 2014; Valter Ziantoni - Agricultural &amp; Natural Resources Management Specialist / UNDP / UNV will be finishing his contract. The project will taking actions for replacement.</p> <p>7.3.6 By late September Ms. Khaikhan Kounnavong - SIRA's accountant will be out of office for maternal leave. The project is aware and will be assigning a replacement person during the period.</p> <p>7.4.1 All reports are up-to-date. PAFO and UNDP have communicated regularly to exchange ideas on programmatic and managerial issues encountered. UNDP has participated regularly in the project monthly meeting/quarterly meetings.</p> | <p>version should be submitted soon.</p> <p>7.4.1 Delay obtaining the advance settlement; reports and pending documents from sectors. SIRA project and</p> |
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| setting and defining, and<br>in 2015 recommendation<br>of irrigation policy<br>components of<br>government of Lao PDR<br><b>Indicator 7.7:</b> One report<br>on policy comments<br>defining recommendations<br>from project lesson learnt,<br>and availability of field<br>visit reports<br><b>Baseline 7.7:</b> No reports<br>prepared yet | <b>7.7: Project<br/>         management/coordination</b> | <b>7.7.1 SIRA relevant stakeholders<br/>         have participated in the NIM-<br/>         SOP training.</b> |                   | <b>7.7.1 SIRA team have participated in<br/>         the training "Training on NIM-Manual<br/>         (SOP) for UNDP supported<br/>         Programme / Projects" - Organized<br/>         by DIC/MPI and UNDP. (19-20 June,<br/>         2014).</b> | government<br>counterparts<br>should work on the<br>improvement<br>timing of<br>monitoring,<br>reporting and<br>budgeting. |
| <b>Total:</b>   |  |   | US\$<br>32,155.76 |   |  |

## 2. Update on partnership strategies *[Brief update on any achievement and/or problem in partnerships and inter-agency collaboration.]*

| Partnerships  | 2012 Role in PPG   | 2014 actual Role in Implementation  |
|---|--|---|
|   |  |   |
| MAF: Department of: Irrigation, Planning, Agriculture, Livestock and Fisheries, Forestry, UNDP, Lux-Development | Data, information, situational update, participation in workshops<br>Data, information, situational update, participation in workshops | Board member (Ministry), Executing, Agency, Implementing Agency,<br>UNDP: Board Member<br>Strategic advice<br>Cross-fertilization with own projects<br><br>SIRA project have requested support from LUX-Development (Lao 021) and is still in standby waiting for a response. |
| <b>Main projects:</b>   |  |   |
| Co-financing partner projects (Lux-Development Lao/021 Project)   | Situational update, participation in workshops   | Cross-fertilization, Data, Information, Technical Advice, part of AA2CC network<br>The project have still not received any financial support from LAO/021 – Several activities under output 1 are waiting for support / further advice from Lux Dev.                          |
| <b>Province:</b>  |  |   |
| GoL: Governor's Office, PAFO, PAFES, PAFRI, PDMC, MoNRE and other departments                                   | Data, information, situational update, participation in workshops  | Provincial guidance, Organizational Support, Local Project Promotion, Local Trouble-shooting  |
| GoL: District Administrator (Vienthong and Bolikhan), DAFO (Vienthong and Bolikhan), Kumban                     | Data, information, situational update, participation in workshops  | District guidance, Organizational Support, Local Project Promotion, Local Trouble-shooting Participatory Monitoring, Awareness Creation   |
| Communities, farmer organizations, women's and youth organizations, CBOs  | Data, information, situational update, participation in workshops, interviews during field visits                                      | Local Promotion, Participation in Implementation, Participatory Monitoring, Awareness Creation  |
| Individual farmers  | Information, situational update, interviews during field visits  | Local Promotion, Participation in Implementation, Participatory Monitoring, Awareness Creation, Farmer to Farmer extension  |

## 3. List main three challenges (at most, if any) experienced during implementation. Note any steps already taken to solve problems. *[There may be problems that are generic and not related to any specific output, or that apply to all of them. If the issues have been covered through the table in question 1 above, this section may be left empty.]*

1. The construction could not start and end before the rainy season; due so the development of a suitable schedule in partnership with the Construction Company & SIRA project was necessary. Due to the harsh weather conditions the construction is working in a very slow rate. SIRA project and construction' company have agreed in a work-rate for the rehabilitation system during the rainy season. The agreement is that the personnel and machinery will be placed on the target sites, safely working whenever the weather permits, without demobilizing or stopping the work
2. Delay obtaining the advance settlement; reports and pending documents from sectors. SIRA project and government counterparts should work on the improvement timing of monitoring, reporting and budgeting.

3. Finding additional resources to carry out further sustainable activities proposed in output 1 (stand by response from LuxDev (Senior Provider and Member of Project Board).

**4. Recommendations and proposed actions** *[Actions on any matter related to outcome, progress of outputs, and/or partnerships. Corrective measures. Responsibilities.]*

1. Due to the upcoming end of contract of Project Specialist (UNV/UNDP) (July,2014) and upcoming maternal leave of project accountant (Set / Oct 2014) the Project must take immediate action to hire a new APM in order to guarantee the flowing of the administration activities of the project). The actual SIRA project implementer team (PAFO – Paksan) need more training on monitoring, reporting and administration / finance.

3. Delay obtaining the advance settlement; reports and pending documents from sectors. SIRA project and government counterparts should work on the improvement timing of monitoring, reporting and budgeting.

4. The project needs to focus on local community participation on the responsibility of their own activities, with trainings must focus on the youth and also need to provide the means of practice to helping learning processes and attitude (evaluation process and changings during capacity building delivery are key points for excelling).

**5. Describe briefly key lessons learned during the quarter:** *[Lessons learned from addressing implementation constraints and knowledge gained from evaluations, technical reviews, and studies that have taken place in the course of the year]*

1. Long land tenure and boundary conflicts can be solved with SIRA's project help (as experienced in Ban Pondu and Ban Phonyeng). The process however, must been carried out by provincial and district team with direct participation of village authority and villagers involved. The process is recommended to be bottom-top oriented and based on agreements rather than actual rights.
2. Even harsh weather conditions can be overcome throughout planning and agreements. The construction/rehabilitation of the irrigation schemes was not believed to be suitable to happen during the rainy season. However, with a precise schedule and an agreement with SIRA project the construction is happening (slow rate). SIRA project and construction' company have agreed that the personnel and machinery will be placed on the target sites, safely working whenever the weather permits, without demobilizing or stopping the work.

**6. Rating on progress towards results**

**6.1 Overall rating by Implementing Partner PAFO** (Tick one category): ☐ HS ☒ S ☒ MS  
☐ MU ☐ U

**Rating Definitions**

|                          |  |
|--------------------------|--|
| Highly Satisfactory (HS) | The project was managed in very effective and efficient manner in accordance with the work plan, schedule and budget. The project can be presented as "good practice". |
| Satisfactory (S)         | The project was managed in a reasonably effective and efficient manner, largely in accordance with the work plan, schedule and budget.                                 |

|                                |  |
|--------------------------------|--|
| Moderately Satisfactory (MS)   | The project was managed in an acceptable manner but not fully in accordance with the work plan, schedule and budget.   |
| Moderately Unsatisfactory (MU) | The project was managed in a marginally effective and responsive manner but not fully in accordance with the work plan, schedule and budget.                 |
| Unsatisfactory (U)             | The project was managed in a less than effective manner due to internal or external factors and not in accordance with the work plan, schedule and budget.   |
| Highly Unsatisfactory (HU)     | The project was managed in an ineffective manner particularly due to internal factors and clearly not in accordance with the work plan, schedule and budget. |

**REASONS:** Satisfactory (S). The project is considered Satisfactory (S) - passing from MS to S from last quarter (Q1) mainly because, after a long procurement process, the key goal of the project has started (rehabilitation of the 2 irrigation schemes) has started and is being carried out even during the rainy season (SIRA project and construction' company have agreed that the personnel and machinery will be placed on the target sites, safely working whenever the weather permits, without demobilizing or stopping the work). Other activities of the Project (such as fishery and trainings on rice varieties diversification) have been happening in a reasonable and effective way; in accordance with the work plan and budget. Delay obtaining the advance settlement; reports and pending documents from sectors still hinders SIRA project to be classified as Highly Satisfactory (HS) so far. Project and implementers (counter parts) are working on the improvement of the bottle-necks of the project encountered so far.

|   |                                     |                 |
|---|-------------------------------------|-----------------|
| <b>6.2 Outputs:</b>   |                                     |                 |
| 1. Watershed management plan for Nam Pou project is developed and implemented   | <input checked="" type="checkbox"/> | Positive change |
|   | <input type="checkbox"/>            | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |
| 2. Water supply in both season for irrigating command area of Nam Pou project in Bolikhan District and Namyang and Phondou projects in Viengthong District is available | <input checked="" type="checkbox"/> | Positive change |
|   | <input type="checkbox"/>            | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |
| 3. Irrigation projects are co-managed by government authorities and Water Users' Association with women participation   | <input checked="" type="checkbox"/> | Positive change |
|   | <input type="checkbox"/>            | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |
| 4. Agriculture production increased and diversified in Nam Pou project in Bolikhan District and Namyang and Phondou projects in Viengthong District                     | <input checked="" type="checkbox"/> | Positive change |
|   | <input type="checkbox"/>            | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |
| 5. Improved Fisheries in Nam Pou reservoir through establishment of fisheries co-management   | <input checked="" type="checkbox"/> | Positive change |
|   | <input type="checkbox"/>            | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |
| 6. Technical and managerial capacity of provincial and district level government staff enhanced   | <input type="checkbox"/>            | Positive change |
|   | <input checked="" type="checkbox"/> | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |
| 7. Project management   | <input checked="" type="checkbox"/> | Positive change |
|   | <input type="checkbox"/>            | Negative change |
|   | <input type="checkbox"/>            | Unchanged       |

### 6.3 Output target:

|  |                                     |           |
|--|-------------------------------------|-----------|
| 1.1 Development of Watershed Management Plan based on participatory land use planning and formation of Watershed | <input type="checkbox"/>            | No        |
|  | <input checked="" type="checkbox"/> | Partially |



|   |   |                        |
|---|---|------------------------|
| Management Committee  | <input type="checkbox"/>  | Yes                    |
| 1.2 Demarcation of village forests, establishment of village forest committees and development of village forest management plans   | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 1.3 Implementation of village forest management plans including the improvement of slash-and-burn agriculture   | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 2.1. Review and validation of design and costing of irrigation schemes  | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 2.2. Contract Awarding and Contract Management/monitoring   | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 3.1 Institutional support (logistic, administrative, managerial) for WUA establishment and management from 2012 through 2015  | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 3.2 Capacity developing activities  | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 4.1 Training on improved agriculture method - efficient irrigation, diversified cropping method for farmers representing all households ensuring at least 33% women participation | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 4.2 Seed (other than rice) provision for 25% of dry season cultivated land  | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 4.3 Seed provision (Other than rice) for 50% of dry season cultivation land   | <input checked="" type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 5.1 Formation and capacity building of FMSC   | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 5.2 Development Fisheries Co-Management plan  | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 5.3 Implementation of fisheries co-management plan  | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 6.1: Assessment report  | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 6.2: Staff training and updating on Project Cycle Management.   | <input type="checkbox"/><br><input checked="" type="checkbox"/><br><input type="checkbox"/> | No<br>Partially<br>Yes |
| 7.1: Project inception workshop   | <input type="checkbox"/><br><input type="checkbox"/><br><input checked="" type="checkbox"/> | No<br>Partially<br>Yes |
| 7.2: Project final meeting  | <input checked="" type="checkbox"/>   | No                     |

|   |                                     |           |
|---|-------------------------------------|-----------|
|   | <input type="checkbox"/>            | Partially |
|   | <input type="checkbox"/>            | Yes       |
| 7.3: Project administration operation                                     | <input type="checkbox"/>            | No        |
|   | <input type="checkbox"/>            | Partially |
|   | <input checked="" type="checkbox"/> | Yes       |
| 7.4: Project monitoring and evaluation including field visits             | <input type="checkbox"/>            | No        |
|   | <input checked="" type="checkbox"/> | Partially |
|   | <input type="checkbox"/>            | Yes       |
| 7.5: Project external monitoring  | <input checked="" type="checkbox"/> | No        |
|   | <input type="checkbox"/>            | Partially |
|   | <input type="checkbox"/>            | Yes       |
| 7.6: Audits/Spot Checks   | <input type="checkbox"/>            | No        |
|   | <input type="checkbox"/>            | Partially |
|   | <input checked="" type="checkbox"/> | Yes       |
| 7.7: Project management/coordination meetings, site visits, results study | <input type="checkbox"/>            | No        |
|   | <input type="checkbox"/>            | Partially |
|   | <input checked="" type="checkbox"/> | Yes       |

#### IV. ADDITIONAL ACTIVITIES WHICH CONTRIBUTE TO OUTCOME OR OUTPUTS

**1. Provide information about any activities undertaken by the project that were NOT envisaged in the work plan but which contributed to the outcome and/or outputs? E.g. advocacy and policy dialogue.**

SIRA relevant stakeholders have participated in the NIM-SOP training. SIRA team have participated in the training "Training on NIM-Manual (SOP) for UNDP supported Programme / Projects" - Organized by DIC/MPI and UNDP. (19-20 June, 2014).

#### V. FUTURE WORK PLAN

**1. What are the priority actions planned for the following quarter to overcome constraints, build on achievements and partnership, and use of the lessons learned during the previous quarter?**

##### Planned Technical Activities:

##### **Key deliverables and key activities for the Third Quarter of 2014**

Based on the key outputs identified in the Annual Project Work Plan and review of the past quarter results, the major deliverables and activities of the SIRA Project during July-Sep 2014 will included:

##### **OUTPUT 1 - Watershed management plan for Nam Pou project is developed and implemented:**

- Revision of the Watershed Management Plan / Submission of WMP final report and recommendations.
- Produce and make available the official LUP maps for every village within Nampu watershed.
- Design and print the LUP signs for every village (which are supposed to be placed in the entrance of the villages).
- Study tour for "sharing experiences"; including the head of villages of 5 villages and 2 district officials

from each village cluster (25,000,000 LAK has been requested for the complete activities considered for Q3).

- Participatory Monitoring and Evaluation by watershed management committee in collaboration with provincial and district concern agencies
- Training farmer on fruit tree production in contour farming technique
- Exchange visit for women group on value added and processing of agriculture products

**OUTPUT 2 - Water supply in both season for irrigating command area of Nam Pou project in Bolikhan District and Namyang and Phondou projects in Viengthong District is available**

- Periodic Monitoring and Report system between SIRA and the responsible company through the irrigation consultant.
- Manage the schedule and rate of the rehabilitation process.
- Held period meeting to equalize schedules and present results.

**OUTPUT 3 - Irrigation projects are co-managed by government authorities and Water Users' Association with women participation**

- Following up preparing of construction areas still unclear.
- Following up of training methodology approaches on water management and irrigation training.
- Monitoring water user group (village participation) and handover activities
- 66,000,000 LAK requested for the complete activities of Q3.

**OUTPUT 4 - Agriculture production increased and diversified in Nam Pou project in Bolikhan District and Namyang and Phondou projects in Viengthong District**

- Organize and delivery a capacity building training on "seeding, seedling (separation) and harvesting of the new varieties of rice (VTE 450/2 and KHAO Khai Noi) at Ban Bor, Phondou, Namyang and Thape.
- Training farmers on rice crop promotion in the wet season
- Training farmers on soil fertility improvement through green manure and compost making techniques
- Follow up monitoring at Viengthong and Bolikhan districts of vegetable plantations.

**OUTPUT 5 - Improved Fisheries in Nam Pou reservoir through establishment of fisheries co-management**

- Continue fingerling raising (hatchery) and monitoring activities (Monitoring activity: 25,000,000 LAK requested for Q3).
- Continue fingerling transposition and protection activities in Namphu.
- Maintenance of the hatchery in Ban Bor
- Fish release to Nam Pu reservoir - Proposal of SIRA's contribution of 20,000 fingerlings (19,000,000 LAK) by 13th of July (the contribution has to be confirmed and may happen before or after the proposed date).

**OUTPUT 6 - Technical and managerial capacity of provincial and district level government staff enhanced**

- Staff training and updating on Project Cycle Management.
- Follow up the trainings and workshops for capacity enhancement.

**OUTPUT 7 - Project management**

- Project monthly meetings and technical gatherings,
- Conduct the filed visits in the target communities
- Contract process for new APM.
- Contract process for new Project Analyst.
- Managerial process for accountant replacement during maternal leave.
- Managerial process for Project Specialist (UNV/UNDP) replacement.

## 2. List major adjustment in the strategies, targets or key outcomes and outputs planned.

Minor modification /redesigning occurred in the stabilization banks of Nanser scheme. The new designing has been already approved. Due to the difficulty in access and irrelevance of a previous (designed by of LAO-ASIE consultancy) canal bank stabilization plan, the irrigation consultant was required to redesign the stabilization bank; the new design was approved by SIRA's project manager and will not affect the overall cost of the contract.

**3. The total estimated budget required for the following quarter (Q3) is LAK 2,134,286,526 or equivalent in USD 265,260.56** (with exchange rate of 1 USD = LAK 8,046 / June, 2014).

## VI. ANNEXES

1. Annex 1.Risk Log
2. Annex 2.Issues Log
3. Annex 3. Third Quarterly Work Plan (July - September 2014)

### PREPARED BY

PREPARED BY:



Signature

Thongbanh Senabandith

Project Manager

20 AUG 2014

Date

CERTIFIED BY:



Signature

Souvanny Xaysana

National Project Director

20 AUG 2014

Date

# Annex 1. Risk Log

| Project Title: Support to integrated irrigated agriculture in 2 district of Bolikhambay |   |                 |              |  | Award ID: 00068072   |   | Date: 25/06/2014      |             |         |
|---|---|-----------------|--------------|--|--|---|-----------------------|-------------|---------|
| #   | Description   | Date identified | Type         | Impact & probability   | Countermeasure / Mngt response   | owner   | Submitted, updated by | Last update | Status  |
| 1   | Rice production on next dry season maynot occur if irrigation work is not complete. | 25/10/2013      | Agriculture  | Due to the harsh weather conditions the construction is working in a very slow rate. SIRA project and construction' company have agreed in a work-rate for the rehabilitation system during the rainy season.                        | Speed up construction;<br><br>Develop proper work schedule<br><br>Prioritize target places   | Construction Company<br><br>The project team'<br><br>Construction Company / Irrigation Consultant | SIRA project          |             | Ongoing |
| 2   | Irrigation construction occurring in the middle of the rainy season.                | 20/04/2014      | Construction | The rehabilitation of the 2 irrigation schemes) has started and is being carried out even during the rainy season<br><br>Some sites may not be reachable by the machinery, under high rainfall, delaying the conclusion of the work. | Establish and realist schedule of work in partnership with the contract awarded company.<br><br>SIRA project and construction' company have agreed that the personnel and machinery will be placed on the target sites, safely working whenever the weather permits, without demobilizing or stopping the work). | The project team / Construction' company  |                       |             | Ongoing |

|   |  |            |               |  |  |            |  |  |         |
|---|--|------------|---------------|--|--|------------|--|--|---------|
| 3 | Current gold mining concession and un-controlled timber logging practice within and around Nam-Pou Watershed | 10/11/2013 | Environmental | Environmental issues and bad-practices are the key constraint / risk for the implementation / sustainability of the watershed and Forest Management Plan and a possible constraint to delivery sustainability, ownership and enough awareness before the end of the project. | LUP and Land allocation concluded.<br><br>Land Tenure conflicts resolved.<br><br>Environmental awareness raising provided. | GoL / SIRA |  |  | Ongoing |
|---|--|------------|---------------|--|--|------------|--|--|---------|

## Annex 2. Issue Log

| Project Title: Support to integrated irrigated agriculture in 2 district of Bolikhamxay |   |                 |  |   |   |                            | Award ID:<br>00068072 | Date:<br>25/06/2014 |
|---|---|-----------------|--|---|---|----------------------------|-----------------------|---------------------|
| ID  | Type  | Date identified | Description and Comments   | status  | Status change date  | Author                     |                       |                     |
| 1   | Natural disaster  | 18.07.2013      | Flood occurred in the target communities(in particular in the Nam Phou reservoir)delaying activity during Q3.<br><br>The area is prone for flooding. | GoL will carry out the reservoir repairing.<br><br>LUP and WM activities are aimed also to establish best soil/management activities reducing the hardness of further floods.   | Unofficial confirmation.<br><br>PLUP concluded and set of maps highlighting flood/erosion zones produced and shared.<br><br>Repairing still unconfirmed (July, 2014). | GoL<br><br>SIRA<br><br>GoL |                       |                     |
| 2   | Irrigation system may not work properly in Nampu (Ban Bor) area in Bolikhan district. | 18.07.2013      | The flood in 2013 has considerably damaged the NampuReservoir, such damage will impede the irrigation system to work properly in Nampu area.         | Lao government is going to take all responsibility and repairing costsfor the damage in the project target area; also meeting the expectation time for project activities. However no official document was issued or showed assuring the government responsibility on the repairing issue. | Unofficial confirmation.<br><br>Non-official confirmation yet.<br><br>Repairing still unconfirmed (July, 2014).   | GoL                        |                       |                     |
| 3   | Unreliable electricity supply   | 15.04.2014      | Unreliable electricity supply in the office; resulting in damage to machines and impossibility of work; also affecting internet connection,          | Actions were taken for fixing damaged assets and replace cables.  | Ongoing repairing.  | SIRA                       |                       |                     |

|   |  |            | delaying information sharing   |   |         |                    |
|---|--|------------|--|---|---------|--------------------|
| 4 | Fish raising (fingerlings production) threatened by unreliable electricity supply during the rainy season. | 20.06.2013 | Problems with electricity supply of the fish tanks. Due to the problems with the hatchery oxygen supply, the transposition activity happened later than expected (begging of June) and may affect the fish population reproduction.  | Standby / acquiring backup generator.   | Standby | SIRA / GoL         |
| 5 | Delaying in meeting deadlines (monitoring, reporting and budgeting).                                       | 23.06.2014 | <p>Delay obtaining the advance settlements; reports and pending documents from sectors. SIRA project and government counterparts should work on the improvement timing of monitoring, reporting and budgeting (delays still hinders SIRA project to be classified as Highly Satisfactory).</p> <p>The actual SIRA project implementer team (PAFO – Paksan) needs more training on monitoring, reporting and administration / finances.</p> | Project and implementers (counter parts) are working on the improvement of the bottle necks of the project.   | Ongoing | GoL / SIRA         |
| 6 | SIRA project employee upcoming shortage.   | 25.06.2014 | <p>Due to the upcoming end of contract of Project Specialist (UNV/UNDP) (July, 2014) and upcoming maternal leave of project accountant (Set / Oct 2014).</p> <p>Project must take immediate action to hire a new APM in order to guarantee the flowing of the administration activities of the project).</p>   | <p>The project is aware and actions are being taken.</p> <p>APM position still in standby waiting for candidates (the APM position should be filled ASAP.</p> | Ongoing | SIRA / UNDP / PAFO |