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# COPPERBELT OUTGROWER INITIATIVE

**A GLOBAL DEVELOPMENT ALLIANCE PROGRAM FOR THE  
DIVERSIFICATION OF THE ECONOMIC ACTIVITIES ON THE COPPERBELT**

**2<sup>ND</sup>  
QUARTERLY REPORT  
YEAR 2  
[JANUARY– MARCH 2006]**

**APRIL 2006**

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<i>Program Title:</i>	<i>Copperbelt Outgrower Initiative</i>
<i>Co-operative Agreement Number:</i>	<i>690-A-00-04-00320-00</i>
<i>Contractor:</i>	<i>DAI</i>
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<i>Author:</i>	<i>DAI; subawardee ZATAC Limited</i>

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## LIST OF ACRONYMS

Co-op	Co-operative
COP	Chief of Party
CTO	Cognizant/Chief Technical Officer
DAI	Development Alternatives, Inc.
DRC	Democratic Republic of Congo
EDZ	Environment and Development in Zambia
GDA	Global Development Alliance
GRZ	Government of the Republic of Zambia
KCM	Konkola Copper mines Plc
MOU	Memorandum of Understanding
PGE	Producer Group Enterprise
STTA	Short-Term Technical Assistance
TA	Technical Assistance
USAID	United States Agency for International Development
SME's	Small and Medium Enterprises
ZATAC	Zambia Agribusiness Technical Assistance Centre
ZESCO	Zambia Electricity Supply Corporation Limited
EDZ	Environment and Development in Zambia
ZHECT	Zambia Health Education and Communication Trust
MCM	Mopani Copper Mines Plc

**Copperbelt Outgrower Initiative**  
**A GDA Program for the Economic Diversification of the Copperbelt**  
**Second Quarter Report – Year 2: January to March 2006**

**1. SUMMARY**

*a. Project's Objective and goal*

To expand and strengthen private, market-oriented agro-enterprises (producer-group enterprises), commercial smallholder outgrower production schemes and other such commercial opportunities that unlock and add value at the smallholder production level and increase the volume of high-value, agro-products sold domestically and internationally so that smallholder income, subsequently wealth, is increased.

The goal is to ultimately work with a total of 4,000 smallholders producing high value crops tied to agribusinesses who not only see them as suppliers, but also as partners in their value-chain. As such, all the agribusinesses partnering in this Alliance bring their sense of ethical behaviour in promoting a transparent system of trade.

*b. Quarterly Progress Report*

The following were the highlights of the Quarter:

- Commenced establishing coffee nurseries for 120 hectares.
- Field visitation by the American Ambassador, Dan Grifits (USAID) and Ms. Matilda Chibale (CTO).
- Leveraging additional resources into the program, from Barclays Bank Zambia plc for electrification of Lukoshi production site.
- The Coffee Quality Institute undertook a coffee STTA.

## 2. PROGRAM OVERVIEW

### *a. Objective and goal*

To expand and strengthen private, market-oriented agro-enterprises (producer-group enterprises), commercial smallholder outgrower production schemes and other such commercial opportunities that unlock and add value at the smallholder production level and increase the volume of high-value, agro-products sold domestically and internationally so that smallholder income, subsequently wealth, is increased.

The goal is to ultimately work with a total of 4,000 smallholders producing high value crops tied to agribusinesses who not only see them as suppliers, but also as partners in their value-chain. As such, all the agribusinesses partnering in this Alliance bring their sense of ethical behaviour in promoting a transparent system of trade.

### *b. Management Structure*

The project's activities are managed by the Chief of Party **Ms. Bagie Sherchand** who reports to **Ms. Matilda Chibale** the project's Cognizant Technical Officer (CTO) at USAID.

Mr. Likando Mukumbuta, Chief Executive Officer ZATAC Ltd., leads the Project Management Unit at Sub-contractor level. He serves as Program Manager. Mr. Wiggan Kanchela leads the field team as Field Coordinator, supported by two field officers, Messrs Simon Nguluwe and Clyd Muunza.

### *c. Key Results*

Overall planned results of the Copperbelt Outgrower Initiative are summarised in Table 2.

**Table 1: Copperbelt Outgrower Initiative Activity Impact**

Type of Beneficiary	<i>d. Benefits</i>	Total Number of Beneficiaries Over 3 years
Ex-copper miners, potential KCM retrenches and other smallholder farmers	Access to alternative employment and increased income. A total number of 240 farmers will integrate coffee with vegetables. Those who may not have irrigation equipment will be engaged in rain fed paprika growing and beekeeping.	4,000
Producer-Group Enterprises (PGE)	Access to markets for their members, access to resources, increased PGE revenue and assets.	15
Private Agribusinesses	Increased economies of scale leading to increased competitiveness and economic returns.	6
KCM Plc	Ability to demonstrate its commitment to meeting its <i>Development Agreement</i> obligations to GRZ.	1

## STTA Activities

Coffee Quality Institute and Coffee Corps (CQI) is the Specialty Coffee Association of America (SCAA)'s educational foundation established to integrate advances in science and technology to help improve, through education, coffee quality from "seed to cup." Besides education, CQI is also involved in providing training, certifying extension/technical staff in technical topics, and ensuring all aspects conform to industry standards. CQI also uses its unique position within the coffee industry to leverage highly skilled professionals willing to volunteer as members of the "Coffee Corps" to assist coffee producers in developing countries. CQI is assisting COI by making Coffee Corps volunteers accessible to the *Initiative* to benefit Zambian smallholders.

Other local and international STTA will be considered for the Initiative as required.

### 3. PROGRESS REPORT

#### *a. Activities Planned for the Second Quarter (Year 2):*

Major activities for January through March of 2006 were as follows:

- Submit 2nd Quarter report for Year 2.
- Field visitation by the US Ambassador
- Field visit by Ms. Matilda Chibale, CTO
- Field visit by Mr. David Roche, Technical Director CQI
- Business and HIV/AIDS training
- Complete outstanding work from the previous Quarter

#### *b. Accomplishments*

- Commenced establishment of coffee nurseries for 120 hectares.
- Facilitated field visits to the COI by the American Ambassador, Mr. Dann Griffiths (USAID) and Ms. Matilda Chibale (CTO)
- Secured funding from Barclays Bank Zambia Plc for electrification of Lukoshi production site.
- Commenced civil works for installation of the irrigation equipment at Chibote and Lukoshi.
- Facilitated HIV/AIDS workshops and awareness related activities.
- CQI Technical Director, Mr. David Roche and Dr. Robert Osgood undertook a technical assistance visit to Zambia that included visits to the projects sites, interaction with key stakeholders, such as the Coffee Board of Zambia and ZCGA as well as shade grown coffee trial sites.

#### *c. Plan for Next Quarter*

Major activities for April through June of 2006 will be:

- Complete establishment of the coffee nurseries for Lukoshi and Chibote.
- Undertake post-harvest training (paprika, Tbasco chilli)

- Complete the construction of the smallholder coffee wet processing plant at Ipafu
- Facility marketing of coffee, groundnuts, paprika, Tabasco chilli and honey
- Complete first phase of HIV/AIDS training involving 10 co-operatives.
- Chief of Party management field visit
- CQI technical assistance visit to support the construction of the smallholder coffee wet processing plant at Ipafu and support to coffee harvesting
- Continue leveraging additional financial resources for the project.

#### **4. SUB-SECTORAL REPORT**

##### *a. Coffee*

##### **Activities Planned for the Second Quarter (Year 2)**

- In collaboration with Coffee Board of Zambia, design the smallholder central coffee wet processing plant to be established at Ipafu.
- Complete digging of irrigation piping trenches.
- Commence installation of irrigation equipment at Chibote and Lukoshi production sites.
- Construction of pump houses at Chibote and Lukoshi production sites.
- Erect water embankment at Chibote production site.
- Electrify Chibote and Lukoshi production sites.
- Complete construction of the nursery sheds at Chibote and Lukoshi.
- Plant coffee seedlings.
- Register Chibote and Lukoshi cooperatives with the Coffee Board of Zambia.
- Facilitate application for water rights by Chibote and Lukoshi communities.
- Provide production training - coffee nursery preparation and management.
- Complete all outstanding work from the previous Quarter.

##### **Accomplishments**

- Designed the smallholder central coffee wet processing plant to be established at Ipafu.
- Commenced establishment of coffee nursery nurseries at Chibote and Lukoshi.
- Completed digging of irrigation piping trenches.
- Commenced installation of irrigation equipment at Chibote and Lukoshi production sites.
- Commenced erection of water embankment at Chibote production site.
- Secured leveraged funding for electrification of Chibote and Lukoshi production sites.
- Commenced construction of the nursery sheds at Chibote and Lukoshi.
- Commenced planting of coffee seedlings.
- Provided production training - coffee nursery preparation and management.
- Trained farmers in coffee nursery preparation and management.

## STTA

- Mr. David Roche, Specialty Coffee Advisor (Coffee Quality Institute), visited Zambia held meetings with Coffee Board of Zambia and ZATAC Ltd that led to the finalization of drawings for the proposed wet processing plant (pulper) at Ipafu.
- Dr. Robert Osgood a coffee volunteer under the Coffee Quality Institute visited Ipafu and conducted an assessment of the expected coffee production at Ipafu in addition to visiting the Chibote and Lukoshi coffee production sites to provide guidance.

## Plan for Next Quarter

Major activities for April through June of 2006 will be:

- Complete construction of the wet processing facility at Ipafu.
- Provide training to Ipafu farmers to process coffee using the central wet processing facility being set up.
- Complete installation of irrigation equipment at Chibote and Lukoshi production sites.
- Complete construction of pump houses at Chibote and Lukoshi production sites.
- Complete putting up a water embankment at Chibote production site.
- Ensure electrification by ZESCO of Chibote and Lukoshi coffee production sites.
- Register Chibote and Lukoshi cooperatives with the Coffee Board of Zambia.
- Commence land preparation for coffee fields.
- Facilitate application for water rights by Chibote and Lukoshi communities.
- Complete all outstanding work from the previous Quarter.

## STTA

- CQI technical assistance visit to support the construction of the smallholder coffee wet processing plant at Ipafu and support to coffee harvesting

## *b. Vegetables and Spices*

### Activities Planned for the Second Quarter (Year 2):

- Provision of field management and post harvest training for the paprika grown during the 2005/2006 agricultural season.
- Liming of irrigation production sites at Chibote and Lukoshi.
- Provision of extension services to Chilli, paprika and groundnut growers.
- Completion of outstanding work from the previous Quarter.

### Accomplishments

- Provided field management and commenced post harvest training sessions for paprika growers.
- Provided extension services to Chilli, paprika and groundnut growers.

- Provided lime to farmers at Chibote and Lukoshi production sites.

**Plan for Next Quarter**

Major activities for April through June of 2006 will be:

- Complete land preparation for vegetables to be intercropped with coffee.
- Completion of all outstanding work from the previous Quarter.

**c. *Honey***

**Activities Planned for the Second Quarter (Year 2):**

- Re-training of beekeepers in management of apiaries and general beekeeping activities.
- Complete all outstanding work from the previous Quarter.

**Accomplishments**

- Commenced re-training of beekeepers.
- Facilitated field visitation and inspection of apiaries by extension staff from EDZ.

**Plan for Next Quarter**

Major activities for April through June of 2006 will be:

- Complete re-training of beekeepers in management of apiaries and general beekeeping activities.
- Facilitate marketing of honey.
- Complete all outstanding work from the previous Quarter.

**d. *HIV/AIDS training activities***

**Activities Planned for the Second Quarter (Year 2).**

- Undertake business and HIV/AIDS training and outreach respectively.

**Accomplishments**

- Facilitated two workshops for HIV/AIDS awareness training sessions conducted through ZHECT. Details of HIV/AIDS training sessions are as shown in the Table 1:
- (Update on these numbers being awaited from ZHECT) A total number of 62 farmers from two co-operatives were trained in Association and Co-operative Values, Principles and Practices. In addition 159 farmers attended the HIV/AIDS awareness training sessions. Details of Business and HIV/AIDS training sessions are as shown in the Table 2:

**TABLE 2: COI SUMMARY OF HIV/AIDS AND BUSINESS TRAINING**

DATE TRAINING DELIVERED	ASSOCIATION/CO-OPERATIVE SOCIETY	SUBJECT COVERED	FARMERS		TOTAL ATTENDANCE
			M	F	
<b>(i) Business Training</b>			M	F	TOTAL
18/11/05	Kakolo Multipurpose	Association and Co-operative Values, Principles and Practices.	10	9	19
19/11/05	Chiwembashi Multipurpose	Association and Co-operative Values, Principles and Practices.	28	15	43
		<b>Total</b>	<b>38</b>	<b>24</b>	<b>62</b>
<b>(ii) HIV/AIDS Activities</b>			M	F	TOTAL
21/11/2005	Mutesha	Epidemiology of the HIV/AIDS and prevalence in Zambia, Impact of HIV/AIDS (on personal, household, farming community and national level), Prevention methods.	4	4	8
“	Luswishi	“	7	1	8
“	Chitashi	“	2	1	3
“	Mushinka	“	3	7	10
“	Lumwana	“	6	5	11
22/11/2005	Chati	“	14	2	16
“	Chiwembashi	“	22	18	40
23/11/2005	Chibote	“	25	12	37
24/11/2005	Kakolo	“	9	4	13
25/11/2005	Akabangile	“	10	3	13
		<b>Total</b>	<b>102</b>	<b>57</b>	<b>159</b>

**Plan for Next Quarter**

Major activities for April through June of 2006 will be:

- Complete first phase of HIV/AIDS training sessions.

## 5. PARTNER CONTRIBUTIONS

Coffee Board of Zambia offers on-going support to the community at Ipafu (Chingola) to an irrigated coffee scheme for 30 households. The Coffee Board continues to support the farmers with technical assistance and inputs, particularly fertilizers. Extension support services by the Coffee Board and Zambia Coffee Growers' Association are yet to commence.

Mopani Copper Mines Plc has provided substantial support to smallholder farmers, including land clearing, erection of earth dams, irrigation equipment, farm management and extension services, transport, beehives, planting materials, seed, fertilizers, etc.

CARE International in Zambia has provided increased support for electrification of the Chibote production site. Kalulushi Municipal Council has provided land for agricultural development at Chibote and Lukoshi.

Barclays Bank provided financial support for electrification of the Lukoshi production site.

Cheetah Zambia and Environment and Development in Zambia are serving as commercial partners providing markets and extension services for paprika and honey respectively. ZCGA serves as the commercial partner for coffee marketing. The Table below shows the partner contribution as at the end of the period under review.

**Table 3: COI Non-Federal Partner Contributions Report**

Period of Performance: FY – 05 to 31<sup>st</sup> December 2005

PARTNER	CONTRIBUTION FOR THE QTR US\$	CUMULATIVE CONTRIBUTION AS AT 31/12/05 US\$
DAI/ZATAC Limited		200,000
Coffee Board of Zambia (CBZ)		64,623
Cheetah Zambia Limited		37,513
Paprika Farmers (Land)		24,250
Kalulushi Municipal Council	35,000	47,000
CARE International Zambia	10,909	21,677
Zambian Fertilizers (input ore-financing)		10,000
Mopani Copper Mines Plc:		2,250
Environment and Development in Zambia (EDZ)		1,487
Co-operatives:		
<i>Akabangile Co-op</i>	-	186
<i>Chitwi</i>	-	133
<i>Kakolo &amp; Twatasha Women Club</i>	-	129
<i>Isoma Co-op</i>	-	110
<i>Chiwembashi Co-op</i>	-	80
Zambia Coffee Growers' Association (ZCGA)	-	-
Stravendale Farm Limited	-	-
Konkola Copper Mines Plc (KCM)	-	-
Barclays Bank Zambia Plc	10,267	10,267
<b>Total</b>	<b>56,176</b>	<b>419,705</b>

**Table 4: MEETING NOTES UNDER THE COPPERBELT OUTGROWER  
INITIATIVE – SUMMARY  
Second Quarter Yr 2 (January – March 2006)**

1. *Organization:* Coffee Board of Zambia (CBZ)  
*Date:* 11<sup>th</sup> January 2006  
*Venue:* Coffee Board Offices - Lusaka  
*In attendance:* Benny Zimba (CBZ – Board Secretary), Sunday Silutongwe (CBZ – Coffee Inspector), Likando Mukumbuta and Wiggan Kanchela (ZATAC Ltd)  
  
*Objective:* To discuss with management of CBZ construction of a coffee wet processing plant at Ipafu one of the coffee cluster sites under the Copperbelt Outgrower Initiative. It was agreed in the meeting that CBZ will engage people to design the plant in addition to preparing the drawings and bill of quantities to be submitted to ZATAC Limited for evaluation and implementation.
  
2. *Organization:* Mopani Copper Mines Plc (MCM)  
*Date:* 19<sup>th</sup> January 2006  
*Venue:* MCM offices - Kitwe  
*In attendance:* Mrs. Chuma M.C Kabaghe (Manager Special Projects – MCM), Mr. George Milapo (Farm Manager – MCM), Likando Mukumbuta, Simon Nguluwe and Wiggan Kanchela (ZATAC Ltd).  
*Objective:* To brief MCM management on the project's progress and the expected activities as per project work plan. MCM management also indicated that senior management was keen to ensure success of the project and that there was a possibility to contribute towards electrification of the farm block.
  
3. *Organization:* USAID – Zambian mission  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* Kitwe  
*In attendance:* Matilda Chibale (USAID – CTO), Likando Mukumbuta, Simon Nguluwe, Clyd Muunza and Wiggan Kanchela (ZATAC Ltd)  
*Objective:* To brief Matilda (Project's Cognizant Technical Officer) progress on program activities and facilitate her first field monitoring exercise.  
  
Likando gave a brief of the project and the progress achieved and thereafter left for Chibote (Kalulushi) and later visited the Makumbi farms a production site where ZATAC has partnered MOPANI Plc to support an association of retired mine workers numbering about 100.
  
4. *Organization:* Mpongwe Coffee and Organic Co-operative Society Limited.  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* Luanshya.

*In attendance:* David Njamba, Eva Mulyati, Mike Muweuri, Fedelis Shantima, Lonic Habweze, Simon Mawele (Mpongwe Coffee and Organic Co-operative Society Limited), Likando Mukumbuta and Wiggan Kanchela (ZATAC Ltd).  
*Objective:* To meet and brief Mpongwe Co-op executive on marketing arrangements and technical service provision for groundnuts grown by Chibote and Lukoshi farmers. Further, the co-operative was also provided with credit finance amounting to US\$8,677.14 as Trade Finance by ZATAC Limited.

5. *Organization:* USAID – Zambian mission  
*Date:* 21<sup>st</sup> January 2006  
*Venue:* Kitwe  
*In attendance:* Matilda Chibale (USAID – CTO), Likando Mukumbuta, Simon Nguluwe, Clyd Muunza and Wiggan Kanchela (ZATAC Ltd).  
*Objective:* Facilitate Matilda’s field visitations as part of her project monitoring. Visited Lukoshi integrated coffee production site and later visited one of the KCM farmers a Mr. Chanda on the Honey program.
  
6. *Organization:* Barclays Bank Zambia Limited  
*Date:* 23<sup>rd</sup> January 2006  
*Venue:* Kitwe  
*In attendance:* Mr. Bigie M. Miyoba (Agriculture Advisor – Barclays Bank Zambia Limited) and Wiggan. Visited Chibote and Lukoshi.  
  
*Objective:* This was an on-site inspection of Lukoshi where Barclays had agreed to finance electrification of the site.
  
7. *Organization:* Coffee Board Of Zambia  
*Date:* 24<sup>th</sup> January 2006  
*Venue:* Kitwe  
*In attendance:* Mr. Sunday Silutongwe (Coffee Inspector – Coffee Board) and Wiggan Kanchela.  
*Objective:* Took Sunday Silutongwe to inspect the irrigation infrastructural development at Chibote in Kalulushi. He inspected the proposed pump station and the coffee nursery site.
  
8. *Organization:* Chibote Co-operative  
*Date:* 3<sup>rd</sup> January 2006  
*Venue:* Chibote -Kalulushi  
*In attendance:* Clyd and Chibote Co-operative farmers  
*Objective:* To check progress on the construction of the coffee nursery structure
  
9. *Organization:* Mopani-Makumbi farm  
*Date:* 4<sup>th</sup> January 2006  
*Venue:* Makumbi farm-Mufulira  
*In attendance:* Clyd and Farm Manager Mr.Milapo  
*Objective:* To monitor the groundnut planting exercise and the chilli nursery

10. *Organization:* Chibote Co-operative  
*Date:* 5<sup>th</sup> January 2006  
*Venue:* Chibote - Kalulushi  
*In attendance:* Chibote Co-operative members and Clyd  
*Objective:* Organise materials for the construction of the coffee nursery
11. *Organization:* Akabangile Co-operative  
*Date:* 5<sup>th</sup> January 2006  
*Venue:* Akabangile-Kalulushi  
*In attendance:* Co-operative members and Clyd  
*Objective:* Organise materials for the construction of the coffee nurseries
12. *Organization:* Chibote Co-operative  
*Date:* 16<sup>th</sup> January 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Mr.Chabu-Chairperson and Clyd  
*Objective:* To monitor the chilli transplanting and groundnut plantings including the construction of the coffee nursery shelter
13. *Organization:* Chati Co-operative  
*Date:* 17<sup>th</sup> January 2006  
*Venue:* Chati - Kalulushi  
*In attendance:* Wiggan, Clyd, Mr.Chasaya, Mr.Chilando and Mrs.Hamusali (Local Extensionist)  
*Objective:* To monitor the paprika transplanting and established fields
14. *Organization:* Chiwembashi Co-operative  
*Date:* 18<sup>th</sup> January 2006  
*Venue:* Chiwembashi - Lufwanyama  
*In attendance:* Clyd and Mr.Mpofu  
*Objective:* Inform about HIV/AIDS training and collect Beekeeping loan agreements
15. *Organization:* St. Marys Co-operative  
*Date:* 18<sup>th</sup> January 2006  
*Venue:* St.Marys Co-operative-Lufwanyama  
*In attendance:* Clyd and Mr.Actiony Mundawarara  
*Objective:* Inform about HIV/AIDS training and collect paprika production agreement forms
16. *Organization:* ZESCO Limited  
*Date:* 19<sup>th</sup> January 2006  
*Venue:* ZESCO offices-Kitwe  
*In attendance:* Clyd and Mr.Liyenje  
*Objective:* To make a follow up on the power quotations for Akabangile and Chibote integrated coffee production sites
17. *Organization:* Chibote Co-operative  
*Date:* 5<sup>th</sup> January 2006

- Venue:* Chibote - Kalulushi  
*In attendance:* Clyd met individual Chibote Co-operative members  
*Objective:* Monitor Chilli nurseries
18. *Organization:* ZATAC  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* ZATAC –Kitwe office  
*In attendance:* Likando, Wiggan, Simon, Clyd and Ms.Matilda Chibale (Cognizant/Technical Officer-USAID)  
*Objective:* Briefing Matildah on the C.O.I programmes
19. *Organization:* Chibote Co-operative  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Likando, Wiggan, Simon, Clyd and Ms.Matilda Chibale (Cognizant/Technical Officer-USAID), Charles Somanje (Irrigation Consultant)  
*Objective:* Taking Matildah on a conducted tour of the Chibote coffee production site
20. *Organization:* Makumbi farm  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* Makumbi-Mufulira  
*In attendance:* Likando, Wiggan, Simon, Clyd and Ms.Matilda Chibale (Cognizant/Technical Officer-USAID)  
*Objective:* Taking Matildah on a conducted tour of Makumbi farm to see Chillies and groundnuts
21. *Organization:* Nchanga Co-operative  
*Date:* 21<sup>st</sup> January 2006  
*Venue:* Mr.Chanda ‘s farm-Chingola  
*In attendance:* Likando, Wiggan, Simon, Clyd and Ms.Matilda Chibale (Cognizant/Technical Officer-USAID)  
*Objective:* To visit one of the farmers under the beekeeping programme from KCM
22. *Organization:* St.Marys  
*Date:* 23<sup>rd</sup> January 2006  
*Venue:* St.Marys-Lufwanyama  
*In attendance:* Grace Zyambo, Mike Chabala (ZHECT) and Clyd including Co-op members  
*Objective:* To conduct an HIV/AIDS training and VCT
23. *Organization:* ZATAC  
*Date:* 24<sup>th</sup> January 2006  
*Venue:* ZATAC Office-Kitwe  
*In attendance:* Clyd and Wiggan  
*Objective:* Programme review on targets set and achieved
24. *Organization:* Akabangile Co-op

*Date:* 25<sup>th</sup> January 2006  
*Venue:* Akabangile-Kalulushi  
*In attendance:* Grace Zyambo, Mike Chabala (ZHECT) and Clyd including Co-op members  
*Objective:* To conduct an HIV/AIDS training and VCT

25. *Organization:* ZESCO Limited  
*Date:* 25<sup>th</sup> November 2005  
*Venue:* ZESCO offices-Kitwe  
*In attendance:* Clyd and Mr.Mwanza  
*Objective:* Re-applying for Power for Akabangile Co-operative
26. *Organization:* Chibote co-operative  
*Date:* 26<sup>th</sup> January 2006  
*Venue:* Chibote Coffee Production Site-Kalulushi  
*In attendance:* Clyd, Simon, Wiggan and 14 Chibote Co-operative farmers  
*Objective:* To carry out a potting and sowing demonstration for coffee nursery
27. *Organization:* Chibote Co-operative  
*Date:* 27<sup>th</sup> January 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd and 15 co-operative farmers  
*Objective:* To form a coffee committee to spearhead the activities of coffee nursery
28. *Organization:* Agro-Water Systems  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* ZATAC Offices-Kitwe  
*In attendance:* Clyd, Simon and Charles (Agro-water systems)  
*Objective:* Get an update on the irrigation works for Chibote and Akabangile co-operatives respectively
29. *Organization:* ZESCO Limited  
*Date:* 3<sup>rd</sup> February 2006  
*Venue:* ZESCO Offices  
*In attendance:* Clyd and Mr.Mwanza  
*Objective:* Collect power quotation for Akabangile co-operative
30. *Organization:* Akabangile Co-operative  
*Date:* 3<sup>rd</sup> February 2006  
*Venue:* Akabangile-Kalulushi  
*In attendance:* Clyd and 41 Co-operative farmers  
*Objective:* To form a coffee committee to spearhead the activities of coffee nursery
31. *Organizations:* St.Marys, Bubile, Kinjijimene, Nselauke, Lunga, Mapunga, Mukema, Mushingashi  
*Dates:* 6<sup>th</sup> -17<sup>th</sup> February 2006  
*Venue:* Lufwanyama

*In attendance:* Clyd, Saviour Tonga Tonga (Local extensionist) and Farmers from individual Co-operatives  
*Objective:* To monitor the paprika fields

32. *Organization:* ZATAC  
*Date:* 20<sup>th</sup> February 2006  
*Venue:* ZATAC Office-Kitwe  
*In attendance:* Clyd, Simon and Wiggan  
*Objective:* Reviewing progress work progress and setting programmes for the following two weeks
33. *Organization:* Chibote Co-operative  
*Date:* 20<sup>th</sup> February 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd and Co-operative farmers  
*Objective:* Monitor work progress on coffee potting
34. *Organization:* Chibote Co-operative  
*Date:* 21<sup>st</sup> February 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd and 15 Co-operative farmers  
*Objective:* Monitor work progress on coffee potting
35. *Organization:* Kameme Kumofya co-operative  
*Date:* 22<sup>nd</sup> February 2006  
*Venue:* Kameme -Kalulushi  
*In attendance:* Clyd and 2 Co-operative farmers  
*Objective:* To monitor paprika fields
36. *Organization:* ZATAC  
*Date:* 23<sup>rd</sup> February 2006  
*Venue:* ZATAC Office-Kitwe  
*In attendance:* Clyd, Wiggan, Simon and John Chishimba-CEETAH Zambia  
*Objective:* To set the way forward for the paprika programme
37. *Organization:* Ipafu co-operative  
*Date:* 25<sup>th</sup> February 2006  
*Venue:* Ipafu -Chingola  
*In attendance:* Wiggan, Clyd, Simon.Festol (Pulpery-Consultant), Sandando (Coffee Board of Zambia) and 4 co-operative farmers  
*Objective:* To get drawings for the Ipafu wet processing mill
38. *Organization:* Chibote Co-operative  
*Date:* 11<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Wiggan, Simon, Clyd  
*Objective:* Monitor the potting progress
39. *Organization:* Akabangile Co-operative  
*Date:* 11<sup>th</sup> March 2006

*Venue:* Akabangile-Kalulushi  
*In attendance:* Wiggan, Simon, Clyd  
*Objective:* Monitor the potting progress

40. *Organization:* ZATAC  
*Date:* 13<sup>th</sup> March 2006  
*Venue:* ZATAC Offices  
*In attendance:* Likando, Wiggan, Simon  
*Objective:* Programmes update on targets set and achieved
41. *Organization:* Chibote Co-operative  
*Date:* 14<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd, Likando, Wiggan, Simon, Charles (Irrigation consultant) and Mr.Chabu-co-op Chairperson  
*Objective:* To inspect work progress on irrigation. Monitor works on the coffee nursery
42. *Organization:* Makumbi farm  
*Date:* 14<sup>th</sup> March 2006  
*Venue:* Makumbi-Mufulira  
*In attendance:* Clyd, Likando, Wiggan, Simon  
*Objective:* Monitor groundnut and Chilli fields
43. *Organization:* Chibote Co-operative  
*Date:* 15<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd, Likando, Wiggan, Simon, 4 co-operative farmers and Martinez-American ambassador with her entourage  
*Objective:* Inspect the Chibote coffee production site and familiarise herself with C.O.I programmes
44. *Organization:* Makumbi Farm  
*Date:* 16<sup>th</sup> March 2006  
*Venue:* Makumbi-Mufulira  
*In attendance:* Clyd, Likando and Tom Kruger (A.D.F)  
*Objective:* Accompanied Kruger on a conducted tour of Makumbi farms
45. *Organization:* Chibote Co-operative  
*Date:* 16<sup>th</sup> March 2006  
*Venue:* Chibote - Kalulushi  
*In attendance:* Wiggan, Clyd  
*Objective:* Monitor coffee nursery potting
46. *Organization:* Chibote Co-operative  
*Date:* 17<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd  
*Objective:* Monitor coffee nursery potting

47. *Organization:* Konkola Copper Mines Co-ops  
*Date:* 19<sup>th</sup> March 2006  
*Venue:* KCM board room  
*In attendance:* Clyd, Wiggan, Chisanga and Dereck Lungu  
*Objective:* To make clarifications on the Memorandum of Understanding and Beekeeping Loan Agreement Forms
48. *Organization:* Chibote Co-operative  
*Date:* 20<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd, Wiggan, Simon  
*Objective:* Organise labour for Coffee nursery potting
49. *Organization:* Akabangile Co-operative  
*Date:* 20<sup>th</sup> March 2006  
*Venue:* Akabangile-Kalulushi  
*In attendance:* Clyd, Wiggan, Simon  
*Objective:* Organise labour for Coffee nursery potting
50. *Organization:* Kakolo Co-operative  
*Date:* 21<sup>st</sup> March 2006  
*Venue:* Kakolo-Kitwe  
*In attendance:* Clyd, Wiggan, Simon and Edward Mundongo Beatrice Banda-EDZ  
*Objective:* Inspect the establishment of bee apiaries and monitor paprika fields
51. *Organization:* Chitwi Co-operative  
*Date:* 22<sup>nd</sup> March 2006  
*Venue:* Chitwi-Luanshya  
*In attendance:* Clyd, Wiggan, Simon and Edward Mundongo, Beatrice Banda-EDZ  
*Objective:* Inspect the establishment of bee apiaries and monitor paprika fields
- 52.. *Organization:* Isoma Co-operative  
*Date:* 22<sup>nd</sup> March 2006  
*Venue:* Isoma-Ndola  
*In attendance:* Clyd, Wiggan, Simon and Edward Mundongo, Beatrice Banda-EDZ  
*Objective:* Inspect the establishment of bee apiaries and monitor paprika fields
53. *Organization:* Chiwembashi Co-operative  
*Date:* 23<sup>rd</sup> March 2006  
*Venue:* Chiwembashi-Kalulushi  
*In attendance:* Clyd, Wiggan, Simon and Edward Mundongo, Beatrice Banda-EDZ  
*Objective:* Inspect the establishment of bee apiaries and monitor paprika fields
54. *Organization:* ZATAC  
*Date:* 24<sup>th</sup> March 2006  
*Venue:* ZATAC offices-Kitwe

*In attendance:* Clyd, Wiggan, Simon  
*Objective:* Reviewing work progress

55. *Organization:* Chibote Co-operative  
*Date:* 24<sup>th</sup> March 2006  
*Venue:* Chibote - Kalulushi  
*In attendance:* Wiggan, Clyd  
*Objective:* Monitor coffee nursery potting
56. *Organization:* Chibote Co-operative  
*Date:* 27<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Simon, Clyd, Chabu-Co-operative Chairperson  
*Objective:* Organise labour for potting for Akabangile and monitor Coffee nursery potting. And to discussed with the Chairperson on the need for the farmers to actively participate in the monitoring of the coffee nursery potting
57. *Organization:* Chibote Co-operative  
*Date:* 28<sup>th</sup> March 2006  
*Venue:* Chibote-Kalulushi  
*In attendance:* Clyd  
*Objective:* Monitoring coffee nursery potting
58. *Organization:* CHEETAH Zambia  
*Date:* 28<sup>th</sup> March 2006  
*Venue:* ZATAC Office-Kitwe  
*In attendance:* Clyd, Simon and John Chishimba (Cheetah Zambia)  
*Objective:* Finding a way forward for the paprika programme with Cheetah
59. *Organization:* Akabangile Co-operative (Mufulira)  
*Date:* 11<sup>th</sup> January 2006  
*Venue:* Mwila's Farm  
*In attendance:* Besa Mwila - Member (SADA), Simon Nguluwe (ZATAC Ltd)  
*Objective:* To come up with a program of inspecting the farmers with chilli nurseries, and advise on the time to start transplanting. Later we visited 10 farmer doing chilies.
60. *Organization:* Mopani Copper Mines Plc (MCM)  
*Date:* 19<sup>th</sup> January 2006  
*Venue:* MCM offices - Kitwe  
*In attendance:* Mrs. Chuma M.C Kabaghe (Manager Special Projects – MCM), Mr. George Milapo (Farm Manager – MCM), Likando Mukumbuta, Simon Nguluwe and Wiggan Kanchela (ZATAC Ltd).  
*Objective:* To brief MCM management on the project's progress and the expected activities as per project work plan. MCM management also indicated that senior management was keen to ensure success of the project and that there was a possibility to contribute towards electrification of the farm block.

61. *Organization:* USAID – Zambian mission  
*Date:* 20<sup>th</sup> January 2006  
*Venue:* COI Office (Kitwe)  
*In attendance:* Matilda Chibale (USAID – CTO), Likando Mukumbuta, Simon Nguluwe, Clyd Muunza and Wiggan Kanchela (ZATAC Ltd)  
*Objective:* To brief Matilda (Project’s Cognizant Technical Officer) progress on program activities and facilitate her first field monitoring exercise.

Likando gave a brief of the project and the progress achieved and thereafter left for Chibote (Kalulushi) and later visited the Makumbi farms a production site where ZATAC has partnered MOPANI Plc to support an association of retired mine workers numbering about 100.

62. *Organization:* USAID – Zambian mission  
*Date:* 21<sup>st</sup> January 2006  
*Venue:* Kitwe  
*In attendance:* Matilda Chibale (USAID – CTO), Likando Mukumbuta, Simon Nguluwe, Clyd Muunza and Wiggan Kanchela (ZATAC Ltd).  
*Objective:* Facilitate Matilda’s field visitations as part of her project monitoring. Visited Lukoshi integrated coffee production site and later visited one of the KCM farmers a Mr. Chanda on the Honey program.

63. *Organization:* Chati and Chiwembashi Co-ops – HIV/AIDS Awareness Training  
*Date:* 24<sup>th</sup> January 2006  
*Venue:* Kalulushi  
*In Attendance:* Mr. Mike Chabala, Mrs. Grace Zyambo (ZHECT) and Simon Nguluwe (ZATAC)  
*Objectives:* As part of the on doing program in the sensitisation of farmers on the dangers of this serious pandemic HIV/AIDS, a series of training programs have been lined up. The farmers underwent a first training session some time in November 2005; this time around they are going through the next secession, which includes Voluntary Testing and Counselling (VTC).

From the **25 members** that attended the training in Chati, **13** were counselled and tested whilst **21** were counselled and tested out of **26 Members** in Chiwembashi

64. *Organisation:* Chibote Co-operative  
*Date:* 25<sup>th</sup> January 2006  
*Venue:* Chibote  
*In attendance:* Wiggan Kanchela and Simon Nguluwe (ZATAC), Blantye Mwelwa and Paul Nkaka (Co-op Executive members)  
*Objectives:* To give a preliminary introduction to coffee nursery preparation. Full participation of all members in the co-operation in the whole exercise of potting.

65. *Organisation:* Chibote Co-operative  
*Date:* 26<sup>th</sup> January 2006  
*Venue:* Chibote

- In attendance:* 14 Chibote farmers, Wiggan Kanchela, Clyd Muunza and Simon (ZATAC)  
*Objectives:* to come up with a work plan at the coffee nursery involving all members and also do a demonstration on how to mix, pot and sow the Coffee seeds.
66. *Organisation:* Kakolo and Chibote Co-ops – HIV/AIDS Awareness Training  
*Date:* 27<sup>th</sup> January 2006  
*Venue:* Kitwe and Kalulushi respectively  
*In Attendance:* Mr. Mike Chabala, Mrs. Grace Zyambo (ZHECT) and Simon Nguluwe (ZATAC).  
*Objectives:* To encourage the farmers to form HIV/AIDS support groups their areas.
67. *Organization:* Agro - water Systems  
*Date:* 30<sup>th</sup> January 2006  
*Venue:* COI office Kitwe  
*In attendance:* Charles Somanje (Agro – water systems), Clyd Muunza and Simon Nguluwe (ZATAC)
68. *Objectives:* Discussed on some of the works taking place in the irrigation installation for Chibote and Akabangile co-operatives with regards to the completion and movement of his staff.
69. *Organization:* Akabangile Co-operative  
*Date:* 2<sup>nd</sup> February 2006  
*Venue:* Mwila’s farm  
*In attendance:* Mr. Besa Mwila (SADA) and Simon Nguluwe (ZATAC)  
*Objectives:* Establish the need to withdraw some of the Chilli seed distributed to the co-operative and reallocate it to MOPANI – Makumbi farm in Mufulira.
70. *Organization:* Mutundu Co-operative  
*Date:* 2<sup>nd</sup> February 2006  
*Venue:* Mr. Malaya  
*In attendance:* Mr. Malaya Contact farmer (Mutundu) and Simon Nguluwe (ZATAC)  
*Objectives:* To discuss on the way forward for the paprika grown in the area, it also was established that **40 packs** of Paprika seeds were delivered to Mutundu, out of which **31 packs** were returned and **9 packs** planted.
71. *Organization:* Kakolo Resettlement Scheme  
*Date:* 3<sup>rd</sup> February 2006  
*Venue:* Mr. Kabuya’s Farm  
*In attendance:* Mrs. Kabuya Lead farmer – Kakolo and Simon Nguluwe (ZATAC)  
*Objectives:* Follow ups on the Paprika and Honey Programs, it was learnt that some moneys for the paprika seed purchases had not yet been collected. A total 29 farmers had collected the seed.
72. *Organization:* ZATAC COI – Staff Technical Meeting  
*Date:* 20<sup>th</sup> February 2006

*Venue:* COI offices – Kitwe

*In attendance:* Wiggan Kanchela, Clyd Muunza and Simon Nguluwe (ZATAC)

*Objectives:* To discuss on the weekly targets set under all the programs that are been under taken on the copperbelt and be able to set new ones.

73. *Organization:* Cheetah Zambia

*Date:* 23<sup>rd</sup> February 2006

*Venue:* ZATAC COI offices – Kitwe

*In attendance:* John Chishimba Extension officer – Cheetah (Z), Wiggan Kanchela, Clyd Muunza and Simon Nguluwe (ZATAC)

*Objectives:* To facilitate for the chemicals for the paprika and find the way forward in serving the farmers better.

Other issues raised include: inconsistent visitation and poor extension to the paprika growers, poor communication among the partners, lack of chemicals, and some areas paprika was not bought.

John Chishimba from Cheetah complained of not having enough money for his operation and that he had a vast area to cover.

74. *Organization:* IPAFU

*Date:* 24<sup>th</sup> February 2006

*Venue:* Co-operative Shed

*In attendance:* Dr. Bob Osgood (Coffee Quality Institute), Simon Nguluwe (ZATAC), Mr. Konsolo and Mr. Musukwa (Co-op members IPAFU)

*Objective:* Dr. Osgood wanted to make a follow up on the activities being carried out in the area that includes; a visit to those members that had shade trees trails, estimation of the expected yields by sampling some of the fields and finally visit the proposed site for the pulper.

After the field tours, it was established that out of the 18 farmers with coffee trees, only 8 have good fields of 1.5Ha each.

75. *Organization:* IPAFU

*Date:* 25<sup>th</sup> February 2006

*Venue:* Proposed Pulper Site

*In attendance:* Dr. Osgood (CQI), Mr. Sunday Silutongwe (Coffee Board of Zambia), Mr. Festol (Architect), Wiggan Kanchela, Clyd Muunza and Simon Nguluwe (ZATAC), Mr. Zimba, Mr. Konsolo, Mr. Bulambo and Mr. Musukwa (IPAFU farmers)

*Objectives:* To come up with the final drawing for the pulper.

- It was suggested that the site will have four (4) fermentation tanks
- The site will not have a roof so as to allow enough sun light and heat.
- The walls for the fermentation tanks to be made from 6 inch blocks.
- The foundation must be raised.
- The water tank reservoir to be mounted on the ant hill.
- The drawings and the bill of quantity to be ready by next week

76. *Organization:* Chitwi Co-operative

*Date:* 28<sup>th</sup> February 2006

*Venue:* Mr. Simukonda's House

*In attendance:* Mr. Simukonda (chairman Chitwi), Mr. Mulenga, Mr. Chabala, Mr. Kampamba and Mr. Chabala (Members Chitwi), Mr. Cason Longwani and Austin Metisala (EDZ), Dr. Bob Osgood (CQI) and Simon Nguluwe (ZATAC)

*Objective:* There was a general complaint by the farmers that most bees were absconding and that they could not locate the queen bee, then there were strange looking beetles in the hives.

It was discussed with the experts from EDZ that the absconding could be attributed to lack of sufficient food for the bees and that there can never be a colony without a queen and lastly, the beetles are co exist with the bees and do not pollute the honey in any way.

After the meeting, a field visit was conducted to demonstrate this.

77. *Organization:* Chitwi and Isoma Co-operatives

*Date:* 06<sup>th</sup> March 2006

*Venue:* Co-operative Shed and Church building respectively

*In attendance:* Mike Chabala and Grace Zyambo (ZHECT), Simon Nguluwe (ZATAC) and 19 farmers from the co-operative

*Objective:* To discuss on the HIV/AIDS training programs that were not conducted in some of the areas and the need to get back to the first session training lessons.

It was also discussed that for those areas which are behind with trainings, there was need to spend more time with them.

78. *Organization:* Kakolo and Chibote Co-operatives

*Date:* 07<sup>th</sup> March 2006

*Venue:* Co-operative shed and community school respectively

*In attendance:* Mike Chabala and Grace Zyambo (ZHECT), Simon Nguluwe (ZATAC) and a total of **25 farmers** were present at Kakolo, whilst at Chibote the training did not take place.

*Objective:* The training was on HIV/AIDS support group formation in the communities. At Chibote the training could not take place because most were absent attending a burial program in the community.

79. *Organization:* Chati and Chiwembashi Co-operatives

*Date:* 09<sup>th</sup> March 2006

*Venue:* Community Hall and Church building respectively

*In attendance:* Mike Chabala and Grace Zyambo (ZHECT), Simon Nguluwe (ZATAC) and a total of **22 farmers** were present at Chati, whilst at Chiwembashi they were **27 farmers**.

*Objectives:* Farmers were encourage to form support groups that will give assistance to the affected and infected, therefore, the training was basically to help with the HIV/AIDS support group formation and how to care for sick and prevent those who are not sick.

80. *Organization:* Makumbi farm and Chibote Co-operative

*Date:* 13<sup>th</sup> March 2006

*Venue:* ZATAC COI offices – Kitwe

*In attendance:* Likando Mukumbuta, Wiggan Kanchela, Clyd Muunza and Simon Nguluwe (ZATAC Ltd), Chiselwa Kawanda (Times of Zambia)  
*Objectives:* To visits the two production sites and see the programs being undertaken.

81. *Organization:* Kakolo co-operative  
*Date:* 20<sup>th</sup> March 2006  
*Venue:* Mr. Kabuya's Farm  
*In attendance:* Wiggan Kanchela, Clyd Muunza and Simon Nguluwe (ZATAC), Beatrice Banda and Edward Mundongo (EDZ)  
*Objective:* To visit farmers under the beekeeping program and be able to check on the progress as well as seeing those with paprika in the some area.
82. *Organization:* Chitwi and Isoma co-operatives  
*Date:* 21<sup>st</sup> March 2006  
*Venue:* Mr. Simukonda's Farm and Mutambo's farm respectively  
*In attendance:* Wiggan Kanchela, Clyd Muunza and Simon Nguluwe (ZATAC), Beatrice Banda and Edward Mundongo (EDZ)  
*Objectives:* continue with the visitation of farmer doing beekeeping and honey programs.
83. *Organization:* Cheetah Zambia  
*Date:* 27<sup>th</sup> March 2006  
*Venue:* ZATAC office – Kitwe  
*In attendance:* John Chishimba (Cheetah), Simon Nguluwe and Clyd Muunza (ZATAC)  
*Objectives:* To come with a program of field visitation for all the paprika growers under ZATAC and make it effective by dividing the areas, also the need to for Cheetah to supply Chemicals which were long over due.  
Major concerns on the Cheetah staff were that; his operation money was not enough to do most of the work; also the area that he is covering was too big.