Novel and Practical Conservation Strategies following Mining in Sierra Leone

Report on Technical Workshops conducted at Sierra Rutile Operational Areas $13^{th} - 17^{th}$ November 2006

Submitted to Darwin Initiative

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Executive Summary

The aim of the visit was to present all the project components to the facilitators and implementing team members as well as develop appropriate facilitation methods to reduce conflict and build relationships among the various stakeholders through out all project activities. After a joint stakeholders [Sierra Rutile Limited (SRL), University Team Coordinators, Local Communities, Community Advocate for Development Movement (CADEM) and United Kingdom Partners] meeting held on the 11th of November, 2006, in the South Spur of Mobimbi, SRL, Sierra Leone, the project implementing team, accompanied by the SRL company representatives, visited 4 villages and held technical workshops using participatory methods on

- (1) composting techniques
- (2) candidate plants to be utilized on the mining spoils.
- (3) Trust and consensus building
- (4) ecosystem services payment

In addition, a series of meetings held with members of SRL during which various aspects of the project, especially, ecosystem services payment models were discussed. In general there was considerable cooperation from all stakeholders, especially the communities. Also SRL staff showed a high level of understanding in dealing with the issues that were discussed, especially those relating to the communities.

The Darwin Team also held a technical meeting in Freetown in which arrangements for the experimentation of the restoration programme were concretized.

1.0 BACKGROUND

In May, 2006 a research team comprising staff and students from the Fourah Bay College (FBC) University of Sierra Leone (USL) and Njala University (NU) collected data on soil, water, plants, insects and birds and socioeconomic issues from the Rutile operational area to assess the status of the environment following mining. The project, named SEE 360 with funds from IUCN Small Grants Programme, was aimed at providing a basis for target-oriented action to mitigate the effect of mining on the local communities and their environment. Based on preliminary results, the Centre for Ecology and Hydrology (CEH) and its local partners (FBC and NU) submitted a project proposal to Darwin Initiative to implement a land restoration project. The project is aimed at developing a process based on experimentations of a number of options for land restoration and benefit sharing within affected communities.

The current project funded by Darwin Initiative, started off with consultations and consensus building between Sierra Rutile Limited (SRL) and the local communities in November 2006. The Centre for Ecology and Hydrology (UK) and its external partners, joined forces with local experts from the University of Sierra Leone and Njala University to facilitate the process (Table 1). The consultation process also includes training and experience sharing in the area of compost making and plant identification, which are the most important material requirements for the restoration experimentation programme. The project at this experimental stage will run for three years, after which, the successes and lessons learnt will hopefully be translated into a sustainable mechanism for land restoration and enhancement of local economy. This report details proceeding of the consultative meetings and technical workshops held at SRL offices and at various villages in the SRL operational areas.

1.1 Terms of Reference

- 1. Conduct meetings with project facilitators and team members to develop appropriate facilitation methods and build relationships through out all project activities.
- 2. To present all project components to implementing team to ensure that everyone is acquainted with all aspects of the project.
- 3. Conduct technical workshops using participatory methods on composting techniques, ecosystem payments and monitoring with local communities and relevant mining staff.

1.2 Itinerary – Novemeber, 2006

- Thur 9 Travelled to Sierra Rutile Limited and had dinner at the mine site at Mobimbi.
- Fri 10 Briefing with Hadji Dabo, Manager, Community Affairs; Clement Adams, Head, Community Health and Safety Department; Aminata Kamara, Development Officer; Abdul R. Hassan-King, Horticulturist and Alie Dausy

- Yumkella regarding Darwin project. Visited NC-IUCN (SEE 360 analysis) project sites.
- Sat 11 Held a stakeholders meeting involving SRL representatives, CEH, university team coordinators and local communities. Presented the results of the SEE 360 analysis and an overview and purpose of the Darwin project.
- Sun 12 Day off
- Mon 13 Technical workshop at Lungi. Discussed composting techniques and candidate plants for the experimental plots.
- Tue 14 Technical workshop at Kpetema. Discussed composting techniques and candidate plants for the experimental plots.
- Wed 15 Technical workshop at Yangatoke. Discussed composting techniques and candidate plants for the experimental plots.
- Thur 16 Technical workshop at Bonjema. Discussed composting techniques and candidate plants for the experimental plots.
- Fri 17 Meeting with SRL and held discussions to address issues on demonstration plots (hypothesis, treatments, layout, location, budget) and timeline.
- Sat 18 Traveled back to Freetown

1.3 Participants and Facilitators of the village technical workshops

Participants were drawn from about nine villages adjacent to mined and would-be mined areas within the Rutile Concession areas (Appendix 1). Table 1 shows a list of workshop facilitators, who were mainly drawn from the team from United Kingdom and the Universities of Sierra Leone and Njala:

Table 1. Workshops Facilitators

Name	Organisation	Position/Role
Dr. Jan Dick	СЕН	Project Leader
Dr. Richard Wadsworth	СЕН	Landscape Ecologist
Dr. Scott Jones	Mind the Gap	Social Scientist
Dr. Eddy Niesten	CI	Conservation Economist
Dr. A. B. Karim	FBC, USL	Research Scientist
Dr. R. A. Sundufu	NUC, NU	Research Scientist
Mr. Arnold Okoni-Wiliams	FBC, USL	Research Scientist
Mr. Kabbie Kanu	FBC, USL	Plant taxonomist
Mr. Pious Sesay	NU	Research Assistant
Mr. Leslie Mboka	CADEM	Community Activist
Mr. Harold Williams	SLBS TV	Environmental Journalist
Ms Jestina Jusu	CADEM	Secretary CADEM
Mr Hadji Dabo	SRL	Manager, Community Affairs
Mrs. Aminata Kamara	SRL	Community Affairs
Alhaji Hassan King	SRL	Horticulturist

2.0 MEETINGS AND WORKSHOPS CONDUCTED

The first of a series of meetings was held on the 11th November, 2006. This gathering comprised representatives of various stakeholders including mining representatives, university staff, local communities, CADEM (local NGO) and media personnel. This meeting commenced after a brief prayer (Muslim and Christian), followed by self-introduction of members of the various stakeholder groups. However, for detailed introduction of each member of the entire gathering, aiming at establishing good working relationships among members, Dr. Scott Jones, who facilitated the initial workshop, suggested that the entire gathering be divided into 4 groups.

After spending 20 minutes in the groups, Dr. A. B. Karim (Team coordinator, FBC), gave an overview of the origin of the Darwin project, the SEE 360 analysis, and Dr. A. J. Sundufu (Team coordinator, NU) presented the results of the research conducted during the SEE 360 implementation. Unfortunately, the result from the socio-economic study was not presented because the analysis done on it was not site-specific.

Dr. Jan Dick then presented an illustrative overview of all project components to the facilitators and implementing team, ensuring that everyone was fully integrated with all aspects of it. In addition, she clearly stated the purpose of the visit, which was a decentralised sourcing of compost and seedlings from the communities to rehabilitate the mining spoil. Both groups were supportive of the idea and the village representatives requested knowledge on preparing compost. Against this backdrop, the team was invited to provide such education in workshops organized in their villages. In all these activities, Mr. Hadji Dabo (Community Development Affairs Officer, SRL) was very helpful in interpreting the entire presentations in Mende (the language of the local communities), which they appreciated very much.

We held technical workshops in four villages (Table 2.), using participatory methods on composting techniques and ecosystem services payments with local communities and relevant mining staff. A total 324 participants of from 16 villages, attended (Table 2; Appendix 1). Some photos taken during the village workshop have been included in Appendix 4.

The final meeting was held on the 17th November, 2006. This gathering comprised representatives of Sierra Rutile Limited (SRL) and the project-implementing group. The minute of this meeting is in Appendix 2a and a list of attendees in Appendix 2b.

Table 2. Dates, locations and villages involved in the technical workshop

Date	Workshop Location	Villages involved	No. of participants
13 th November	Lungi	• Lungi	73
		 Gangama 	
		 Semabu 	
		 Junctionla 	
14 th November	Kpetema	 Kpetema 	85
		 Bamba 	
		 Ndedemoya 	
		 Mokepe 	
15 th November	Yangatoke	 Yangatoke 	97
		 Foinda 	
		 Gbangbama 	
		 Madina 	
16 th November	Bonjema	 Bonjema 	69
		 Varma 	
		 Bandavulahun 	
		 Simbeck 	

2.1 Village Technical Workshops Proceedings

The programme for the technical workshops held at village levels followed the general outline shown below:

- 1. Prayers (Muslim and Christians)
- 2. Introductions (Facilitators and local community members)
- 3. Explanation of the background and purpose of the workshop
- 4. Questions, comments and responses
- 5. Group work (four groups)
- 6. Lunch
- 7. Plenary Report from each group
- 8. General discussions, questions and responses
- 9. Prayers (Muslim and Christian)

Muslim and Christian prayers were said by volunteers from the communities. A member of the Darwin Initiative team introduced team members followed by introduction of community member by a local resident (usually a traditional elder). The Project Leader, Jan Dick then explained the background and purpose of the project and allowed questions relating to its implementation. The whole group of participants was then divided into four subgroups to discuss and exchange ideas on compost making and suitable candidate plant species for the restoration programme.

These workshop sessions were facilitated by one or two members of the Darwin team and sometimes assisted by a member of staff of SRL. Facilitators led the discussions by posing questions and stimulating discussions that were dominated by local participants. Sample questions included:

For compost

- Do you know how to make compost manure?
- How do you do it and what materials do you put into the compost heap?
- What materials should not be included in the compost heap and why?
- What do you do with the compost?
- How long does it take to make compost and what time of the year it is best to make it?
- How much would you charge for a bucket or rice bag full of compost?

For plants

- What plants have you observed growing in the sand tailings?
- What experience do you have with plants grown on the sand tailings?
- Why do you think the plants that were planted did well or do not do well in the sand tailings?
- What plants do you think can grow well in the sand tailings if treated with compost?

After lunch, the groups together reconvened for a plenary where a local participant reported to the entire audience what was discussed at the group levels. A question, comments and response session then followed, which included responses by staff of SRL and a member of the Darwin team as and when necessary. The workshop proceedings were always concluded by prayers from both a Muslim and a Christian participant.

3.0 OUTCOMES OF MEETINGS AND WORKSHOPS CONDUCTED

3.1 Composting

Procedures for compost making agreed and experience shared among participants and facilitators of the workshop (Box 1). The agreed procedure was based primarily on local knowledge with complementary ideas provided by facilitators.

Box 1. Procedure for Compost making

The following is an outline of the general steps that were discussed and agreed for compost making

- 1. Excavate a hole in the ground (of reasonable dimension, preferably three feet deep) or construct a heap bound by thatch above the ground.
- 2. Collect and deposit degradable materials into the hole/heap, including the following among other things:
 - Peels of potato, cassava, yam and banana etc.
 - Groundnut hawks, rice hawks and palm kernel hawks
 - Fish skins, cattle, goat and sheep excreta, chicken wastes
 - Leaves, and grasses that are easily degradable (e.g. *Eupatorium africanum* and California Plant (local name))
 - Ash from the kitchen or burnt grasses or vegetation.
 - Carbon from used batteries
 - Layers of earth can be used in between layers of degradable materials

Materials that should not be added into the compost heap include:

- Plastics and rubber materials
- Clothing-like materials
- Tins and metals
- Slowly degrading plants/leaves (for e.g. Acacia)
- Any non-degradable material
- 3. Sprinkle water over the compost regularly and allow the decay process to proceed.
- 4. After a period of one to two weeks use a stick to deep through the compost. If heat is generating from the heap, that is an indication that the decaying process is ongoing.
- 5. Turn compost upside down by mixing the layers. Sprinkle water and leave for another week
- 6. Carry out a regular check on the decaying process, sprinkle water at regular intervals and mix layers to facilitate the decaying process.
- 7. Insert stick through compost to monitor progress. Reduced heat emission from the compost heap is an indication of the maturity.
- 8. At the completion of the decaying process no heat is generated from the heap, meaning that the compost is ready for use. Young seedlings could be seen popping up from the compost at this stage.

Things to note

- Compost heap or hole should be located away from houses, away from latrines and wells and closer to a backyard garden or rubbish dump. This is to avoid contamination and invasion by insect into homes.
- Compost can take between two months to one year to make depending on the type of materials used and the processing.
- A mature compost is normally dark in colour and compact.
- The rainy season is the best time to make compost, when water is abundant. Otherwise compost can be made anytime of the year.

3.1.1 Prices for compost

A range of prices charged for the compost by the participating communities to be purchased by SRL (Fig 1). These figures would served as a guide to the negotiation process with SRL for the price of compost to be used for the experimental plots.

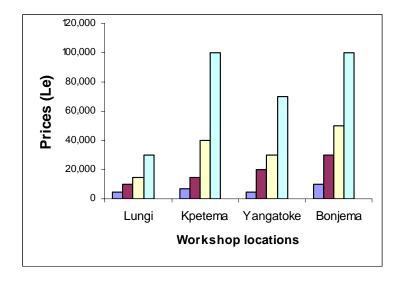


Figure 1..Range of prices for compost per 50kg rice bag (Note that the prices have been converted to cost per bag assuming that 2.5×34 cm bucket = 1 rice bag). The four bars for each location show the common prices suggested in the four groups

There was a wide range of prices suggested by the local participants for one 34cm bucket or a 50 kg rice bag full of compost. Participants were asking for as low as Le 3000 (US\$ 1) a bucket to as high as Le 100,000 (US\$ 33) per rice bag depending on the community.

From Figure 1 one can deduce that Kpetema, Yangatoke, and Bonjema workshops participant suggested that widest and highest range of prices, whereas, participants at the Lungi workshop suggested the lowest range of prices. The varying prices between communities are thought to have been determined by level of discontent people from these community have with regard to the environmental problems they have faced as a result of the mining activities of SRL. Kpetema, Yangatoke and Bonjema participants come from areas where considerable mining has been done, whereas, Lungi workshop participants come from areas where little or no mining had occurred.

3.2 Plants for restoration of sand tailings

A list of plants, considered as candidate species for restoration of sand tailings, compiled (Box 2 and Appendix 3.). This list was purely based on local knowledge and on a consensus between members of the affected communities on desired species that should be planted on the sand tailing. The choice of species from the communities' point of view was mainly considered on the basis of economic benefit to the people. With the exception of *Anisophyllea laurina* no overlap exist between species suggested by the communities and those found growing on or near the sand tailings that are considered suitable for restoration.

Box 2. A. List of plant species suggested by the local participants, that are thought to do well in the sand tailings during the community workshops

Consider Ref	DI4	Community workshop locations				E
Species list	Plant use	Lungi	Kpetema	Yangatoke	Bonjema	Frequencies
Ananas comosus		1	1	0	1	3
Anacardium accidentale	Food (C)	1	1	1	1	4
Arachis hypogaea	Food	1	1	1	1	4
Allium cepa		1	1	1	1	4
Anisophtllea laurina	Timber (B)	0	1	0	0	1
Cocos nucifera	Food (C)	1	1	1	1	4
Capsicum frutescens		1	1	1	1	4
Citrus sinensis	Food	0	1	0	1	2
Cumunis sativus		1	1	1	1	4
Colocynthis citrullus	Food	0	0	1	1	2
Dioscorea sp	Food	0	1	0	1	2
Elaeis guineensis	Food (C)	1	1	1	1	4
Gmelina arborea	Timber (C)	1	1	1	1	4
Hevea brasiliensis		1	1	1	1	4
Hibiscus esculentus		1	1	1	1	4
Ipomoea batatas	Food	1	1	0	0	2
Manikot esculenta		1	0	0	1	2
Oryza sativa	Food (S)	1	1	0	1	3
Solanum melongena		1	1	1	1	4
Saccharum officinarum		0	0	1	0	1
Vigna sinensis	Food (C)	1	1	1	1	4
Vigna unguiculata	Food (C)	1	1	1	0	3
Zea mais Food		1	1	1	1	4
Total no. of plants	18	20	16	19		

B – mainly for building poles; C – mainly for commercial purposes; S – mainly subsistence use

B. Plants found growing on or close to the sand tailings that are thought to be suitable for restoration by the Darwin Team

- 1. Anadelphia leptocoma
- 2. Anisophyllea laurina
- 3. Borreria verticilata
- 4. Centosema probuscens
- 5. Croton hirtus
- 6. Eupatorium africanum
- 7. Eragrostis grangatica
- 8. Imperata cylindrical
- 9. Pennicum parvifolium
- 10. Pennisitum subagastrum
- 11. Pueraria phaseoloides
- 12. Ricinus cunminis

3.3 Seedlings production and sale

The communities agreed to produce the seedlings for the experimental plots at a price of Le 1000 for three seedlings. SRL agreed in principle to support the communities in the production of the seedlings and to pay the suggested price.

3.4 Gathering, sale and supply of mulch

Agreement was reached with communities on the gathering and sale of mulch as it was considered as one of the treatment for the experimental plots. A purchasing price of Le 5000 a bunch of mulching material was accepted in priniciple by the communities. A bunch of mulch in this case would be about half the volume of the bunch of thatch materials used for roofing. The following were the proposed materials to be collected for mulching:

- Lalang grass (*Imperata cylindrica*)
- Centrosema pubenscens
- Acacia leaves
- Aerial portion of Eupatorium africanum
- Dried palm fronds
- Leaves of Anadelphia sp.

3.5 Trust and concensus built between stakeholders

Trust and consensus built between SRL, the communities and Darwin Project team, particularly with regards to cooperation and collaboration in the implementation of the project. This was particularly addressed during the plenary sessions where the communities asked very pertinent questions relating to the project and SRL past and future plans for rehabilitation and ecosystem payment for the environmental destruction they have caused. As part of the consensus building the communities requested that the following be done by SRL, which was agreed in principle, but on the feasibility and availability of funds:

- 1. the supply of topsoil (a depth of 1 m) for planting for spread on sand tailing
- 2. leveling of the sand mounds
- 3. provision of irrigation facilities
- 4. prefinancing the cost of nursing/composting materials purchase of polythene bags, wheelbarrows, pick axes, shovels etc

APPENDICES

${\bf Appendix} \ {\bf 1-Names} \ of \ {\bf Participants} \ of \ the \ technical \ workshops$

1a – 13th November - Lungi

Participant Town/Village Position/Occupation	Group A – Facilitators – Pious Sesay & Jan Dick				
Amidu Ansumana				Position/Occupation	
Sorba Bonah	1	Kemoh T. Sannoh	Gangama	Tribal authority	
Sorba Bonah " Town Speaker	2	Amidu Ansumana	Lungi	Chief Imam	
Bockarie Makawray	3	Sorba Bonah	"	Town Speaker	
Mary Sam	4	Bockarie Makawray	"	Elder	
6 Thomas Munda Lungi Youth 7 Luseni Kaiboi " " 8 Moi-Konneh Kallon " Elder 9 Sulaiman Kenneh " Youth 10 Sallieu Kanneh " " 11 Tejan Sany " " 12 Fatmata Lupan " " 13 Mammie Bockarie Junctionla " 14 Mammie Kemoh " " 15 Baindu Sam " " 16 Lansanah Nuni Gangama " Group B. Facilitators – A. Okoni-Williams, Richard Wadsworth& Aminata Kamara 1 Joe Karjui Junctionla Section Chief 2 Samuel B. Songu Lungi Section Chief 2 Samuel B. Songu Lungi Lungi 3 Albert Williams Junctionla " 4 Osman Kabba " " 5 Lansana Musa " "	5	i	Junctionla	"	
7 Luseni Kaiboi " Elder 8 Moi-Konneh Kallon " Elder 9 Sulaiman Kenneh " Youth 10 Sallieu Kanneh " " 11 Tejan Sany " " 12 Fatmata Lupan " " 13 Mammie Bockarie Junctionla " 14 Mammie Kemoh " " 15 Baindu Sam " " 16 Lansanah Nuni Gangama " Group B. Facilitators – A. Okoni-Williams, Richard Wadsworth& Aminata Kamara 1 Joe Karjui Junctionla Section Chief 2 Samuel B. Songu Lungi Lungi 3 Albert Williams Junctionla Lungi 4 Osman Kabba Lungi Lungi 5 Lansana Musa " " 6 James Lebbie " " 7 Amara Sheriff Junctionla Lungi	6		Lungi	Youth	
Moi-Konnen Kailon Elder	7	Luseni Kaiboi		"	
10	8	Moi-Konneh Kallon	"	Elder	
11 Tejan Sany	9	Sulaiman Kenneh	"	Youth	
12 Fatmata Lupan	10	Sallieu Kanneh	"	"	
12 Fatmata Lupan " " 13 Mammie Bockarie Junctionla " 14 Mammie Kemoh " " 15 Baindu Sam " " 16 Lansanah Nuni Gangama " Group B. Facilitators – A. Okoni-Williams, Richard Wadsworth& Aminata Kamara 1 Joe Karjui Junctionla Section Chief 2 Samuel B. Songu Lungi Lungi 3 Albert Williams Junctionla Lungi 4 Osman Kabba Lungi Lungi 5 Lansana Musa " Lungi 6 James Lebbie " Lungi 7 Amara Sheriff Junctionla Lungi 8 Aruna Nabbie Selorne Lungi 9 Idrissa Sama " " 10 Mariama Gasiima Junctionla Lungi 12 Aminata Kabba " Lungi 13 Aminata Humpa	11	Tejan Sany	"	"	
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15 Baindu Sam	13	*	Junctionla	"	
15	14	Mammie Kemoh	"	"	
Identification of the color of the	15	Baindu Sam	"	"	
Group B. Facilitators – A. Okoni-Williams, Richard Wadsworth& Aminata Kamara 1 Joe Karjui		Lansanah Nuni	Gangama	"	
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9 Idrissa Sama " 10 Mariama Gasiima Junctionla 11 Lamin Bockarie Lungi 12 Aminata Kabba " 13 Aminata Humpa " 14 Kardie Moriba Junctionla 15 Theresa Koroma " 16 Muiatu Kemoh " 17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	8	Aruna Nabbie Selorne	Lungi		
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12 Aminata Kabba " 13 Aminata Humpa " 14 Kardie Moriba Junctionla 15 Theresa Koroma " 16 Muiatu Kemoh " 17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	10	Mariama Gasiima	Junctionla		
13 Aminata Humpa " 14 Kardie Moriba Junctionla 15 Theresa Koroma " 16 Muiatu Kemoh " 17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	11	Lamin Bockarie	Lungi		
14 Kardie Moriba Junctionla 15 Theresa Koroma " 16 Muiatu Kemoh " 17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	12	Aminata Kabba	"		
14Kardie MoribaJunctionla15Theresa Koroma"16Muiatu Kemoh"17Hannah Vincent"18Moira Koroma"Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	13	i	"		
16 Muiatu Kemoh " 17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	14	1	Junctionla		
17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	15	Theresa Koroma	"		
17 Hannah Vincent " 18 Moira Koroma " Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones	16	Muiatu Kemoh	"		
Group C. Facilitators – Kabbie Kanu, Abdul Hassan King & Scott Jones			46		
Group C. Facilitators –Kabbie Kanu, Abdul Hassan King & Scott Jones			"		
		Group C. Facilitators -Kabbie Kan	u, Abdul Hassan Ki	ng & Scott Jones	
	1				

2 Francis Songu " Pastor 3 Kemoh Mansaray " Elder 4 Momoh Tibbo " Chiefdom T.A. 5 James Junisa " Pastor 6 James Moseray Lungi Elder 7 Tommy Karjui Junctionla General Secretary 8 Momoh Humpa " Youth 9 Solomon Tucker " " 10 Umaru Swarray Lungi " 11 Momoh Sannoh Gangama " 12 Sallay Jabaty Junctionla Women's Leader
4 Momoh Tibbo "Chiefdom T.A. 5 James Junisa "Pastor 6 James Moseray Lungi Elder 7 Tommy Karjui Junctionla General Secretary 8 Momoh Humpa "Youth 9 Solomon Tucker " 10 Umaru Swarray Lungi " 11 Momoh Sannoh Gangama " 12 Sallay Jabaty Junctionla Women's Leader
5James Junisa" Pastor6James MoserayLungiElder7Tommy KarjuiJunctionlaGeneral Secretary8Momoh Humpa" Youth9Solomon Tucker" "10Umaru SwarrayLungi"11Momoh SannohGangama"12Sallay JabatyJunctionlaWomen's Leader
6James MoserayLungiElder7Tommy KarjuiJunctionlaGeneral Secretary8Momoh Humpa" Youth9Solomon Tucker" "10Umaru SwarrayLungi"11Momoh SannohGangama"12Sallay JabatyJunctionlaWomen's Leader
7Tommy KarjuiJunctionlaGeneral Secretary8Momoh Humpa"Youth9Solomon Tucker"10Umaru SwarrayLungi"11Momoh SannohGangama"12Sallay JabatyJunctionlaWomen's Leader
8Momoh Humpa" Youth9Solomon Tucker" "10Umaru SwarrayLungi" "11Momoh SannohGangama" "12Sallay JabatyJunctionlaWomen's Leader
9Solomon Tucker"10Umaru SwarrayLungi"11Momoh SannohGangama"12Sallay JabatyJunctionlaWomen's Leader
10 Cmard Swarray Lungi 11 Momoh Sannoh Gangama " 12 Sallay Jabaty Junctionla Women's Leader
11Momoh SannohGangama"12Sallay JabatyJunctionlaWomen's Leader
12 Sallay Jabaty Junctionla Women's Leader
13 Mamie Sam King "Treasurer Women's
14 Fatmata Sindeh " Housewife
15 Iye Doddie " "
16 Mamadi Karjui " "
17 Umu Ansumana " "
18 Betty Ansumana "Business Women
Group D. Facilitator – Abu J. Sundufu
1 Adama Moseray Lungi Nurse (TBA)
2 Hawa Dawah "Farmer
3 Anthony Juana " "
4 Musa Kabba " " & Decision maker
5 Yeama Sonny "Farmer
6 Tajoe Kallon " "
7 Tommy Gbondo " "
8 Mohamed Conteh " "
9 Sorbah Kallon " "
10 Tommy Kpanah " & Decision maker
11 Thomas Fatoma Gangama Farmer
12 Patrick Kallon Lungi "
13 Adama Conteh " "
14 Mariama Kabba " "
15 Joe Ndapy " Decision maker
16 Jeneba Ndapy "Farmer
17 Henry Kpana " "
18 Kadie Kaniwai " "
19 Maddy Wudu " "
20 Isha Humpa " "
21 Morie Conteh " "

1b – 14th November 2006 – Kpetema

Group A. Facilitator – A. Okoni-Williams & Jan Dick				
	Participant	Town/Village	Position/Occupation	
1	Franklyn Dakowa	Kpetema	Leader	
2	Alpha Shaw	"	Secretary	
3	Talibie Allie	"	Town Chief	

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Saidu Sesay	4	Andrew Williams	"	Deputy Town Chief
6 Saidu Sesay " Imam 7 Faduru Koroma " Deputy Imam 8 Aruna Humpa Bamba Elder 9 Tommy Moseray Kpetema Elder 10 Gbanya Ngimor Bamba Town Chief 11 Abu Joe " Dpty Section Chief 12 Mammy Abu " 13 Haja Abu " 14 Yeima Williams Kpetema 15 Jeneba Madieu " 16 Hawa James " 17 Sembu Mansaray " 18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 21 Abu Dauda " Youth Leader 21 Musa Ahmed " Wetema 23 Abdulai Bassie Kpetema Kpetema 4 Lansana Kongo Kpetema Wetema			44	1 7
7 Faduru Koroma " Deputy Imam 8 Aruna Humpa Bamba Elder 9 Tommy Moseray Kpetema Elder 10 Gbanya Ngimor Bamba Town Chief 11 Abu Joe " Dpty Section Chief 12 Mammy Abu " 13 Haja Abu " 14 Yeima Williams Kpetema 15 Jeneba Madieu " 16 Hawa James " 17 Sembu Mansaray " 18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Youth Leader 23 Abdulai Bassie Kpetema 4 Joseph Facilitators - Kabbie Kanu & Aminata Kamara 1 Lansana Kongo Kpetema 2 Joseph Brima " 3 Michael Rogers			66	
8 Aruna Humpa Bamba Elder 9 Tommy Moseray Kpetema Elder 10 Gbanya Ngimor Bamba Town Chief 11 Abu Joe " Dpty Section Chief 12 Mammy Abu " Dpty Section Chief 13 Haja Abu " Hamida Abu 14 Yeima Williams Kpetema ** 15 Jeneba Madieu " ** 16 Hawa James " ** 17 Sembu Mansaray " ** 18 Nancy Moinu " ** 19 Teneh Abu " ** 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Youth Leader 23 Abdulai Bassie Kpetema 24 Joseph Brima " ** 3 Michael Rogers " ** 4		·	44	
9 Tommy Moseray Kpetema Elder 10 Gbanya Ngimor Bamba Town Chief 11 Abu Joe " Dpty Section Chief 12 Mammy Abu " Dpty Section Chief 13 Haja Abu " Image: Chief Chi			Ramba	1 1
10 Gbanya Ngimor		•	•	
11			1	
12 Mammy Abu				
13			"	Dpty Section Chief
14 Yeima Williams Kpetema 15 Jeneba Madieu " 16 Hawa James " 17 Sembu Mansaray " 18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Youth Leader 23 Abdulai Bassie Kpetema Kpetema 24 Joseph Fracilitators - Kabbie Kanu & Aminata Kamara * 2 Joseph Brima " * 3 Michael Rogers " * 4 Joseph Anthony " * 5 Musa Koroma " * 6 Alpha Mansaray " * 7 Ansumana Kpaka " * 8 Festus Simbo " * 9 Francis Tucke			44	
15 Jeneba Madieu " 16 Hawa James " 17 Sembu Mansaray " 18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Youth Leader 23 Abdulai Bassie Kpetema Kpetema 2 Joseph Facilitators - Kabbie Kanu & Aminata Kamara " Kpetema 2 Joseph Brima " " 3 Michael Rogers " " 4 Joseph Anthony " " 5 Musa Koroma " " 6 Alpha Mansaray " " 7 Ansumana Kpaka " " 8 Festus Simbo " " 9 Francis Tucker " " 10 Allieu Mansaray Mokepe 11			Knatama	
16 Hawa James " 17 Sembu Mansaray " 18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " 23 Abdulai Bassie Kpetema Group B. Facilitators – Kabbie Kanu & Aminata Kamara 1 Lansana Kongo Kpetema 2 Joseph Brima " 3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14				
17 Sembu Mansaray " 18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Youth Leader 23 Abdulai Bassie Kpetema Group B. Facilitators – Kabbie Kanu & Aminata Kamara 1 Lansana Kongo Kpetema 2 Joseph Brima " 3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Morie Kamara "			66	
18 Nancy Moinu " 19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Youth Leader 23 Abdulai Bassie Kpetema ** Group B. Facilitators – Kabbie Kanu & Aminata Kamara 1 Lansana Kongo Kpetema 2 Joseph Brima " 3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara			44	
19 Teneh Abu " 20 Hamidu Lamin Bamba Elder 21 Abu Dauda " Youth Leader 22 Musa Ahmed " Spetema 23 Abdulai Bassie Kpetema Kpetema Eroup B. Facilitators – Kabbie Kanu & Aminata Kamara 1 Lansana Kongo Kpetema 2 Joseph Brima " 3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia		Ž	44	
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Abu Dauda				
Musa Anmed Kpetema				Youth Leader
Lansana Kongo				
1 Lansana Kongo Kpetema 2 Joseph Brima " 3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "	23			
2 Joseph Brima " 3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "		I		a Kamara
3 Michael Rogers " 4 Joseph Anthony " 5 Musa Koroma " 6 Alpha Mansaray " 7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "				
4 Joseph Anthony 5 Musa Koroma 6 Alpha Mansaray 7 Ansumana Kpaka 8 Festus Simbo 9 Francis Tucker 10 Allieu Mansaray 11 Amara Fillie 12 Betty Jusu 13 Davoy Yumkella 14 Moriba Johnson 15 Morie Kamara 16 Juana Mattia 17 Joe Lebbie 18 Musa Khadara 19 Morie Charles 20 Emmanuel Moseray " " " " " " " " " " " " " " " " " " "				
5Musa Koroma"6Alpha Mansaray"7Ansumana Kpaka"8Festus Simbo"9Francis Tucker"10Allieu MansarayMokepe11Amara Fillie"12Betty Jusu"13Davoy Yumkella"14Moriba Johnson"15Morie Kamara"16Juana Mattia"17Joe Lebbie"18Musa Khadara"19Morie Charles"20Emmanuel Moseray"				
6 Alpha Mansaray 7 Ansumana Kpaka 8 Festus Simbo 9 Francis Tucker 10 Allieu Mansaray 11 Amara Fillie 12 Betty Jusu 13 Davoy Yumkella 14 Moriba Johnson 15 Morie Kamara 16 Juana Mattia 17 Joe Lebbie 18 Musa Khadara 19 Morie Charles 20 Emmanuel Moseray " " " " " " " " " " " " " " " " " " "				
7 Ansumana Kpaka " 8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "				
8 Festus Simbo " 9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "				
9 Francis Tucker " 10 Allieu Mansaray Mokepe 11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "		_		
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11 Amara Fillie " 12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "				
12 Betty Jusu " 13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "		Š	Mokepe	
13 Davoy Yumkella " 14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "			44	
14 Moriba Johnson " 15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "	12			
15 Morie Kamara " 16 Juana Mattia " 17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "		•		
16Juana Mattia"17Joe Lebbie"18Musa Khadara"19Morie Charles"20Emmanuel Moseray"				
17 Joe Lebbie " 18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "				
18 Musa Khadara " 19 Morie Charles " 20 Emmanuel Moseray "				
19 Morie Charles " 20 Emmanuel Moseray "				
20 Emmanuel Moseray "				
20 Eminanuel Moseray		Morie Charles		
Croup C Facilitators Diana Sagar & Saatt Ionas	20	· ·		
			Pious Sesay & Scott	Jones
1 Gbanja Ngimoh Bamba		Gbanja Ngimoh		
2 Abu Dauda "		Abu Dauda		
3 Musa J. Brima "	3	Musa J. Brima	"	
4 Dauda Humpa "	4	Dauda Humpa	66	

5	Idrissa Moiwo	44	
6	Amidu Mohammed		
7	Abdul Ngimoh	"	
8	Minkailu Ngimoh		
9	Musa Ahmad		
10	Fatima Jusu	"	
1	Mamie Abu	"	
12	Haja Conteh	"	
13	Fatimata Amidu	"	
	Group D. Facilitators	– Abu J. Sundufu (D)r.)
1	Foday Dumbuya	Kpetema	Section Chief
2	Alpha B. Turay	- 44	Chair, MuslimJamat
3	Jeneba Allie	44	
4	Moseray Keifala	44	
5	Pastor Julius W. Jusu	44	Pastor
6	Solomon Tucker	44	
7	Sandy Margao	44	
8	Laurence Ensah	44	
9	Ibrahim Mansaray	44	Youth/masoner
10	Arnold Ensar	44	Carpenter
11	Munda Samu		Motor mechanic
12	Idrissa Jusu	44	
13	Gibrilla Kpaka	44	
14	Augustine Kawa	Ndedemoya	
15	Jusufu Issa	44	
16	Fadilu Musa	"	Town Speaker
17	Daramy Ansumana	Kpetema	Imam
18	Sandy Margao	"	Youth Leader
19	Abu Conteh	"	
20	Musa Kpaka	"	
21	Kinnie Kpaka	"	
22	Fatu Gibrilla	"	
23	Morie Abdulai	"	
24	Mary Allieu	Ndedemoya	Women's Leader
25	Ibrahim Conteh	Kpetema	
26	Jetta Corey	"	
27	Rev John J. Yambasu	"	Christian Minister
28	Nancy A.Sesay	"	Taecher
29	Solomon B. Fornie Jr.S	"	"

1c. 15th November 2006. Yangatoke

Grou	Group A – Facilitators - Abu J. Sundufu				
	Name	Community	Occupation/position		
1	Peter O. Massaquoi	Foinda	Teacher		
2	James Baindoma	"	Town Chief		
3	Solomon Gbouma	"	Elder		

18

4	Maseray Gbouma	66	Elder			
5	Joseph Anaumana	"	Elder			
6	Milicent Kpanagbom	Yangatoke	Teacher			
7	Isata Gatewah	Madina	Teacher			
8	Boi Kandoh	"	Community member			
9	Alfred A Pat-Squire	Yangatoke	"			
10.	Moses M. Koroma	Foinda	"			
11	James Baidoma	"	Town Chief			
12	Joseph Ansumana	"	Asst. Chief			
13	Solomon Gbouma	"	Advicer			
14	Hawa Mbayoh	44	Community member			
15	Yusufu Manna	44	"			
16	Josephine Koroma	44	"			
17	Boi Lamin	44	"			
18	Kadie Mohamed	"	"			
Grou	up B. Facilitators – Kabbie Kanu & J	an Dick	·			
1	Alycious Kpanabum	Yangatoke	Security			
2	A. P. Squire	"	Teacher			
3	Abdulai Gbondo	"	Student			
4	Pa Lagaio	"	Farmer			
5	Abudu Kabba	44	"			
6	Joe Koroma	"	"			
7	Amara Kabba	"	"			
8	Steven Lavai	44				
9	Katumu Baum	Foinda				
10	Neneh Koroma	66				
11	Alice John	Madina				
12	Lamie Pujeh	Yangatoke				
13	Adama Dukulay	Yangatoke				
14	Joseph Abu	Gbangbama				
15	Adama Sei	Yangatoke				
16	Sheku Koroma	"				
17	Maseray Lamie	Foinda				
18	Durumane Kaiyenga	Yangatoke				
19	Mamie Kanneh					
20	Alhadi Kabba	"				
	Group C. Facilitators – Pious Sesay & Aminata A. Kamara					
1	Mohamed S. A. Sheriff	Gbangbama				
2	James Beahnoloma	Foinda				
3	Brima Sei					
4	Gassima Jebboh	Gbangbama				
5	Sulaiman Fatorma	**				
6	Ansumana Baum	Yangatoke				
7	Kadiatu Gbondo					
8	Martha Jumbla					
9	Safiatu Amara					

10	Martha Syvalie		
11	Joseph Moriba		
12	Tenneh Beahndoma		
13	Umaru Foday		
14	Malikie Bangalie		
15	Mahamed Sandy		
16			
17	Brima Kungubeh		
	Francis Bumpay	Vanantalya	
18	Thomas Foday	Yangatoke	
19	Jeneba Foday	46	
20	Mamie Sesay		
21	Kadie Malikie		D (
22	Samuel farmer	Yangatoke	Pastor
23	Bockarie Kanneh	"	
24	Munda Gbondo	"	
25	Masidu Koroma		
26	Isata Gatewa	Madina	
27	Bobor Lamboi	Yangatoke	
28	David Tommy	Gbangbama	
29	Peter Massaquoi	Foinda	
30	Joe Sawyerr	Yangatoke	
31	Jeneba Charlie	"	
32	Lansana Kanneh	"	
33	Lappia Bangura	"	
34	Siaka Kpukumu	44	
35	Joseph Ansumana	Foinda	Town Speaker
36	Kadiatu Massaquoi	44	
37	Amara Ansumana	Moyere	
	Group D. – Facilitators – A	. Okoni-Williams & Jes	stina Jusus
1	Francis B. Dauda	Yangatoke 1	
2	Josephine Koroma	Foinda	
3	Jusufu Minah	"	
4	Hawa Turay	"	
5	Jilloh Domawe	"	
6	Jaiah Gbondo	Yangatoke 1	
7	Mohamed Foday	Gbangbama	
8	Essa Rogers	Yangatoke 1	
9	Moses H. Koroma	Foinda	
10	Alex Kpukumu	Yangatoke 1	
11	Tommy Murana	Gbangbama	
12	Amara Lamina	Yangatoke	
13	Ernest Vamboi	Madina	
14	Mamie Rogers	Yangatoke	
15	Millicent Kanagbou	"	
16	Mariama Kombo	"	
17	Gibrilla Keifala	"	
1/	Giornia ixchaia		

18	Luseni Gbondo	"	
19	Abdul B. Braima	"	
20	Solomon Gbouma	Foinda	
21	Murray Aruna	Yangatoke 1	
22	Tommy Sharka	44	

1d. 16th November 2006 – Bonjema

	Group A. Facilitators – Kabbie Kanu				
1	Musa Kabba				
2	Anthony Juanah				
3	Joe Ndapy				
4	Tommy Kpanah				
5	Sorba Kallon				
6	Mohamed Conteh				
7	Hawa Ndawa				
8	Adama Moseray				
9	Yeama Sonny				
10	Tajoo Kallon				
11	Thomas Fartoma				
12	Sheiku Bellay				
13	Patrick Kallon				
14	Tommy Gbondo				
15	Isha Humpa				
16	Maddy Wudu				
17	Adama Conteh				
18	Henry Kpana				
19	Jeneba Ndapy				
20	Kadie Kaniwai				
21	Morie Conteh				
Grou	up B. Facilitators – Pious Sesay				
1	Edmond Kpanabom				
2	Isata Foday				
3	Jeneba Sesay				
4	Jebbeh Baum				
5	Mohamed Koroma				
6	Maseray Wudu				
7	Betty Sesay				
8	Aminata Foday				
9	Fatmata Jimmy				
10	Theresa Kayenge				
11	Mohamed Gbangba				
12	Mohamed Sulaiman				
13	Marie Fonny				
	Group C. Facilitators – Abu J. Sundufu, Jan Dick, Aminata A. Kamara				
1	Hamza Jalloh	Bonjema			
2	Agnes Pujeh	Varma			

3	Musa Samuels	Bandavulahun	
4	Jannies Kayegeh	46	
5	Moyega Swarray	Varma	
6	Amara Sylvali	v arma "	
7	Lucy Kainesie	Poniomo	
8	J	Bonjema	
9	Musa Gbangba Mammie Masalie	Simbeck	
10	Memuna Swaray	Varma	
11	y	Gawama	
	Allieu Mansaray		
12	Alpha Jabatie	Bonjema	
13	Lamin Bawah	17	
14	Musa Jenkins	Varma	
15	Tommy Kpana	Bonjema	
16	Abu Jabatie	Bandavulahun	
1.7			
17	Adama Jabatie		
18	Nancy Jenkins	Varma	
19	Mohamed Fambulleh		
20	Hassan Sheka		
	Group D. Facilitators – Jestina	I	i-Williams
1	Alusia Foday	Gangama	
2	Christiana Swarray	Varma	
3	Abu Koroma	66	
4	Tenneh Kaindia	Gangama	
5	Tommy Jemmy	44	
6	Ibrahim Kamara	Mokepe	
7	Syvallie Vongo	Gangama	
8	Hawa Jemmy	"	
9	Mammie Shaka	"	
10	Nawyo Abu	"	
11	Nancy Bier	٠٠	
12	Mammie Lamin	Varma	
13	Konneh Ngegba	Gangama	
14	Alpha Sesay	Simbeck	
15	Hassan Shaka	Varma	

Appendix 2a

Minute of the meeting held at the SRLTraining Centre, South Spur, Mobimbi - 17 November, 2006.

Reporting structure of DARWIN project

It was agreed that with such a diverse team, written reports are the only practical way to communicate all the activities between partners. In addition, written reports are the means of project review favoured by the donor. The following rules were therefore agreed by the authorised representatives.

- All members of the DARWIN team must submit a report following each activity they undertake for the project
- these activity or interim reports would commonly be only a few pages and would be addressed to the DARWIN project manager or authorised representative
- Activity report e.g. back to office after a field trip, data analysis report, status report etc must be submitted within 4 weeks of the project activity
- Failure to submit reports within the 4 week deadline would result in all financial support for the all aspects of that organisations work being suspended
- The DARWIN project manager or authorised representative would use these activity/interim reports to collate the 6 monthly and annual report required by the donor
- The DARWIN project manager must submit 6 monthly and annual reports to all
 participants for formal approval one week prior to the submission to the Darwin
 Secretariat failure of project participants to return comments to the project
 manager will be viewed as acceptance of the report such that the report will be
 submitted (failure to submit reports to the donor on time will impact adversely on
 the finances of the project.

Compost price

The price of compost must be agreed as soon as possible preferably before villagers start to manufacture compost. It was agreed that the price should have two elements this first year

- Commercial price of compost (possibly \$1)
- Incentive/learning payment (possibly \$2-\$9)

Richard Wadsworth should visit the villages again during the week of 17th Dec and is authorised by the project manager to agree on a fixed price.

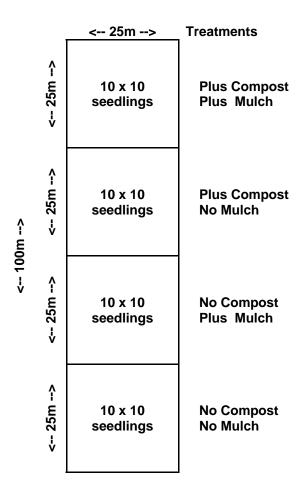
Demonstration plots

The experimental plan was agreed with the DARWIN team and SRL staff as follows:

- The experimental unit is one 0.25 ha plot comprising of 4 treatments; ± mulch spread over the surface and ± compost in planting holes of 45 cm (18 inches) by 45 cm (see diagram below)
- The plots would be spread over the three soil types identified white sand, brown sand and lateritic soil
- The four regions within the concession which had hosted the village workshops each have two plots on sand tailing and/or lateritic soil depending on what was close to their village (see table below).
- The exact location of the plots will be agreed by the villagers and SRL representatives
- The communities would choose for themselves what plants were to be sown both the trees in the compost enriched planting holes (100 per treatment per plot) and between the rows of trees. The only stipulation would be that a crop and tree must be equally represented in all four soil treatments in every 0.25 ha plot (it is recognised that crop productivity will not be analysable in this experimental design).
- The plots identified at Lanti North which would be used to more rigorously test rehabilitation techniques on the sand tailing would be planted in two halves one half would be planted with groundnut (*Arachys hypogeae*) and the other would be planted with the colonising plants identified by the university partners and SRL staff.
- SRL would be responsible for planting the experimental plots according the plan agreed at the joint meeting.
- Ownership of the products from the plots it was agreed that the product of the plots would belong to the land owner (or village community if that was agreed within the village). Neither SRL nor the DARWIN team would own the crops. It was noted however that the DARWIN team would like access to monitor the crops.

It was agreed that Lesile Mboka, DARWIN team is authorised to work with Hadji Dabo, SRL to identify and agree on village plots suitable to host experimental demonstration plots by 17th Dec 2006.

Richard Wadsworth and Leslie Mboka are authorised to mark the plots in a manner acceptable to the local communities. They should also record the plots in such a manner that other project staff will be able to find them easily in order to take base line measurements. In addition, Leslie Mboka should obtain a binding agreement that the land owner and villagers will plant which ever crops they wish in the demonstration plots but all crops must be planted identically in all soil treatments.



Diagrammatic representation of the experimental rehabilitation plots

	Red L	Sand
Lanti North		4
Bamba/Kpetema	2	2
Lungi	2	
Yangatoke	2	2
Banjema	2	

Location of the 16 experimental rehabilitation plots in the SRL concession area. The four plots at Lanti North will be divided equally between the white and brown sand (2 each) and the plots at Yangatoke and Bamba/Kpetema will be located in consultation with villagers.

Appendix 2b

Attendees of the meeting held at the Training Centre, SRL Primary School, South Spur, Mobimbi, 17th November, 2006

Name/Designation	Organisation/Department	Telephone/e-mail
Aminata Kamara Development Officer	Community Affairs, SRL	+232-76-770-866
Abdul R. Hassan-King Horticulturist	SRL	+232-76-629-854
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Abu James Sundufu Lecturer	Njala University	+232-33-443-877
Clement Adams Head	Community Health and Safety, Sierra Rutile Limited (SRL)	+232-76-801-419
Harold Williams Mass Media Consultant	Union of Environmental Journalist	+232-76-637-533
Henry Kangbai Supervisor	Community Affairs, SRL	+232-76-648-500
Hadji Dabo Manager	Community Affairs, SRL	+232-76-651-903
Jan Dick Project leader	Centre for Ecology and Hydrology	
Jestina Jusu Secretary	CADEM	+232-76-952-691
Kabbie M. T. Kanu Senior Technician	Fourah Bay College, University of Sierra Leone	+232-76-683-641/+232- 77-425-265

Leslie Mboka Executive Director	CADEM	+232-76-714-561
Mohamed Gbator Member	CADEM	
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Sheiku Imam Rogers Director	Beautification Rehabilitation and Conservation Organisation (BRACO)	+232-33-537-541/+232- 76-532-527

Appendix 3

Photographs of candidate plants identified for restoration of sand tailings

Appendix 4 Photographs of Meetings and Technical Workshops sessions