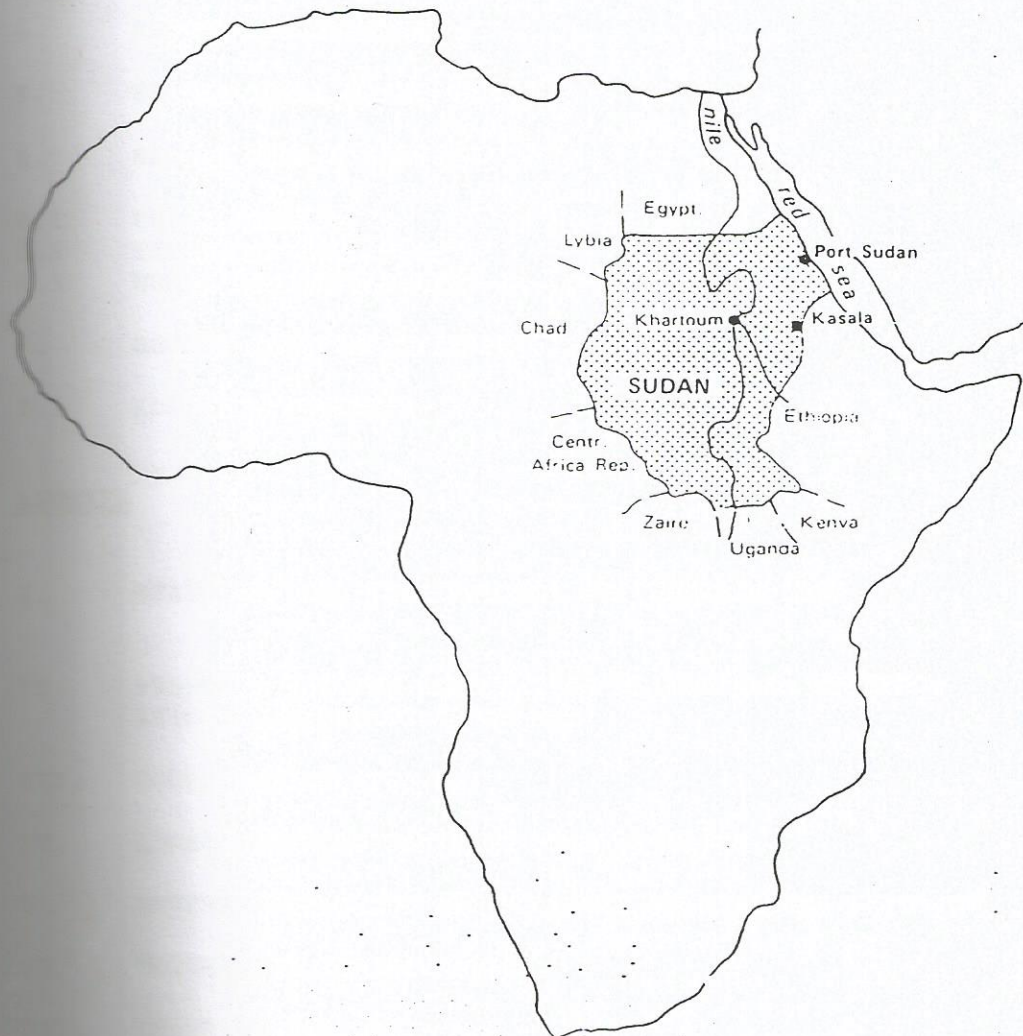


Republic of
the Sudan,
Eastern Region



Kingdom of
The Netherlands
Directorate General for
Development Coöperation

Kassala Area Development Activities



PROGRESS REPORT NO. 25

4th QUARTER 1989

(PERIOD 1st OCTOBER - DECEMBER 31)

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LIST OF ABBREVIATIONS

A	Sector Agriculture
CARE	International Aid Organization
CVF	Counter Value Funds
CDD	Control Diarrhoea Disease
CEAR	Committee of European Aid for Refugees
CCR	Commissioner for Refugees
DEMAS	Dredging, Engineering and Management Studies
DEV	DHV Consulting Engineers, Dutch consultancy firm which implements KADA
DSEC	Development Studies and Research Centre
EEC	European Economic Community
EPI	Expanded Programme for Immunization
FAO	Food and Agriculture Organization
FGA	German Aid Organization
GDAC	Gash Delta Agricultural Corporation
GON	Government of the Netherlands
GOS	Government of the Sudan
GTZ	German Government Aid Organization
GAC	German Consultancy Firm
HADA	Hadendowa Area Development Activities
HVA	Dutch Consultancy Firm Assisting GDC
IBRD	International Bank for Reconstruction and Development
ILO	International Labour Organization
IHS	Institute for Housing Studies, Rotterdam
ISS	Institute for Social Studies
KADA	Kassala Area Development Activities
KDC	Kassala District Council
KFFPC	Kassala Fruit Processing Company
MCH	Mother & Child Health
MDC	Management Development Centre, Khartoum
MFA	Ministry of Foreign Affairs
MFE	Ministry of Finance and Economy (Regional)
MFFP	Ministry of Finance and Economic Planning (Central)
M&ID	Management and Institutional Development Component
MDA	Ministry of Agriculture
MDE	Ministry of Education
MHE	Ministry of Health
MTD	Motor & Transport Department
NBS	New Banat South
NCDRWR	National Corp. for the Development of Rural Water Resources
NEC	National Electricity Corporation
OXFAM	International Aid Organization U.K.
PEP	Practical Education Programme
PEWC	Power, Electricity and Water Corporation
PHC	Primary Health Care
PHCUs	Primary Health Care Units
PMR	Programme Management Responsibility
PS	Public Services
RAW	Regional Administration for Water
RH	Sector Rural Health
RNE	Royal Netherlands Embassy (Khartoum)
RPE	Rural Practical Education
RWS	Rural Water Supply
SCF	Save the Children Fund
SRC	Swiss Red Cross

SUDC
SND
TSC
TFC
TNO
UNDP
UNHCR
UNICEF
UWC
VSA
VSO
VU
WCS

Sudan Rural Development Company
Stork Werkspoor Diesel Company
Tuberculosis Control (Programme)
Sector Technical Education
Institute for Applied Scientific Research
United Nations Development Programme
United Nations High Commissioner for Refugees
United Nations Children Fund
Urban Water Corporation
Vertical Electric Sounding
Voluntary Service Overseas
Free University, Amsterdam
Water

PROGRESS REPORT NR. 25

Period : October 1 - December 31, 1989

1. PROGRESS KADA PROGRAMME ACTIVITIES

1.1 Ongoing and past KADA activities

Of the 1981-1982 programme, all five projects are completed.
Of the 1982-1983 programme, all eleven project are finalized, of which four (Mokram, Kormuta Ws, RAW drilling-rig and the Expansion Dairy Farm) continue to receive KADA attention because of maintenance and/or project performance monitoring.

Of the 1983-1984 programme, (Tajuj Tree Plantation) makes steady progress as ongoing project and continued in a second phase.

Of the 1984-1985 programme, all nine project are finished, including the recruitment of the KADA staff and additional PMR funding.
The rural education improvement scheme has been redefined and is now an integral part of the 1987-1988 proposals.

Of the 1985-1986 programme, ten of the eleven projects are finished.
The Practical Education Programme second phase is now an integral part of the Technical Education proposals for 1987-1988.

Of the 1986-1987 programme, all project proposals in the three sectors are approved by the GON. The sector Public Service is sub-divided in the sectors Rural, Technical Education and Women Activities. The GOS contribution has been approved through the Counter Value Funds and has been made available at the beginning of the Sudanese fiscal year 1987/1988.

Of the 1987-1988 and 1988-1989 programme, no new sector activities are being introduced, but the ongoing three years plan is continuing to be implemented till April 1, 1989. Starting April 1, 1989 KADA will continue with a new programme of programmatic approaches in the same sectors.

For the 1989-1990 programme a new workplan for the period April 1, 1989 till January 1, 1991 has started in the sectors Agriculture, Rural Water Supply, Technical Education. Rural Health and Institutional Development including women and development. All sector budgets contain block grant to ensure the implementation of the programmatic approach for each sector.

For an overview of the status of all KADA activities since the start of the KADA programme, see Annex I.

1.2 KADA staff

At the end of the reporting period the RMFE/KADA employed staff has been reduced to 29 local employees and 3 expatriates and 1 VSO. Four local staff are employed by the Government but receive a coordinator allowance.

Local staff (under KADA contract or seconded)

<u>Name</u>	<u>Function</u>	<u>Location</u>
Salah El Tayeb Moh.	KADA Programm Manager	KADA Office
Dr. Izzildin Eltayeb	Health Coordinator	
Abdalla El Hag	Agriculture Coordinator	
Mohammed Hussein	RWS Coordinator	
Zakaria El Basha	Educator Coordinator	
Ikhlas Hussein	Women & Dev. Coordinator	
Abdul Magid Abdul Salaam	Accountant Counter Value Fund	
Osman Taha	Assistant Accountant	
Yacoub Andeberhan Tulluk	Secretary	
Ali Hassan Ali	Assistant Office Manager	
Ahmed Mohammed Ali	Secretary/typist	
Moses Charles Kidi	Storekeeper/Telexist	
Eftris Adam Mohammed	Servant/Watchman	
Ibrahim Ogbay	Traffic Coordinator/Driver	
Ogbaldet Nur Kindane	Maintenance Coordinator	
Hassan Ali Mohammed	Driver (Agronomist/co-manager)	
Kurban T.G.Kuddus	Driver (Rural Water Expert)	
Abdalla Moh. Nur	Driver (KADA Programme Manager)	
Tewelde Markie	Driver Office Duty Vehicle	
Johannes Melekin	Driver Public Service Expert	
Mohammed Bakheet	Gardener guest-house	Guest-house
Hassaballa Hamid	Administrator/Financial Controller	Workshop
Mascal Gabru	Storekeeper workshop	
Mohammed Marghani	Car mechanic	
Abakar Ahmed Mohammed	Car mechanic	
Abd. Ahmed Ismail	Car mechanic	
Mustafa Ahmed Sharif	Car mechanic	
Hussein Adam El Haj	Blacksmith/welder	
Beshir Hassan	Welder	
Isam Dawoud	Assistant mechanic	
Ahmed Assadig Ahmed	Assistant mechanic	
Berekhet Goitom	Driver (Workshop Adm.)	
Gibreel Abdullah	Cook workshop	
Mohammed Hussein	Cleaner	
Adam Hag Hamid	Watchman	
Mohammed Nur	Watchman	
Eisa Ali Ahmed	Watchman	Container yard
Abdu Rahman Ahmed	Watchman	

Khartoum office

Philip Samuel Girgis	KADA Liaison officer	Khartoum
Mura	Servant KADA office	Khartoum

Expatriate personnel

Dick Nauta	Co-manager/Agric. Expert	KADA office
Geoffrey Ostler	VSO Tech. Education (on local contract M.O.E.)	Min.of Edu.
Monique Calon	Public Service Expert	KADA office
Joop Couenberg	Rural Water Expert	KADA office

2. General

2.1 General progress of the programme

The new MFE/KADA Programme Manager Mr. Salah El Tayeb Mohammed arrived from MFE in Khartoum to Kassala (KADA) on the 5th of October and immediately started in function and took over responsibilities.

The new Co-manager Mr. Dick Nauta (Agriculture expert) arrived in Kassala on 4th of November and assumed his responsibilities together with the programme manager. The outgoing expatriate Programme Manager Mr. Hans de Vries finally left Kassala on 7th November.

Mr. Joop Couenberg the expatriate assigned to the Rural Water sector, had earlier arrived on the 20th of September and is attached (full time) to RWC premises.

Miss Monique Calon the new proposed expert for the function of Public sector service was accepted by the Regional and Central authorities. Consequently Miss Calon arrived in Kassala on late November and also she assumed her responsibilities as Public Service expert occupying her office at the Regional Department of Planning (Woman Development).

2.2 : Mr. Ghazali, Director General for MTD and Mr. Papa John from TASK arrived in Kassala on mid October. Meetings were held with Mr. Mohammed Ahmed El Tahir (DG MFE) and chairman KADA Steering Committee. The meeting was also attended by some officials from KDC and the Regional MTD and planning in addition to KADA. A plan of action to integrate KADA workshop into MTD/TASK was agreed upon and it was considered as a pre requisite prior to allocate the 1989 KADA foreign reserve for the expected integration (a proposal for the integration is attached in Annex II).

2.3 Visits from DIGS, Embassy and DHV

Mr. K. S. Thio the DHV-KADA Project Director arrived in Kassala on the 10th of November. Meetings were held between him, KADA Programme Manager and the Co-manager. Subjects like procurement, fellowships and training, technical assistance and KADA-new organizational set-up were discussed.

During the period 11 - 17th of November, KADA also welcomed Drs. Simon J.H. Smits from the Ministry of Foreign Affairs (Dev. coop (AFRICA) Dept.) together with Mr. W.J. Plantinga First Secretary of Netherlands Embassy in Khartoum. Important issues i.e

- 1) new structure of KADA; responsibilities of each party, administrative arrangement ... etc;
- 2) procurement; responsibilities and liabilities ... etc
- 3) fellowships
- 4) project implementation period
- 5) KADA foreign budget 1989/90.

were discussed and good conclusions were reached. The foreign budget for 1989/90 was transferred for the coming year (i.e 1990) in order to be disbursed as follows; 2.5 for overhead costs, 0.4 for fellowships, 1.5 advance for (RIB) the new procurement agency. Almost Dfl 5.5 millions as a total is ready to be disbursed on procurement and over seas training.

Justifications are required for purchasing vehicles and/or large quantities of any other equipments.

Procedures for the drawing up of Matters like KADA project documents, expatriate TORs were also discussed and agreed upon.

Miss Widad A/Mutaal attended the meetings on the 12th and 13th of November as a representative of both the Regional-/and Central Planning offices.

A stock taking committee was formed to carry out inventory procedures for all KADA possessions. The committee finished its task on November 23rd. A comprehensive report was written, subject to some minor revisions and amendments.

On 25th of November the remaining (CVF) budget for 1989 Ls. 3.5 millions was transferred to Bank of Khartoum - Kassala Branch.

The TORs for experts prepared by the DHV reached KADA and distributed among the concerned sector for comments. The TORs for KADA - Coordinators was approved and endorsed by the Steering Committee (attached herein after annex III).

Late December some (RIB) procurement catalogues arrived at KADA subject to be reviewed by KADA supported sectors prior ordering.

A meeting was held on the 28th of November for KADA Steering Committee. Matters concerning the allocation of 1989 foreign reserve for the integration of KADA/MTD + TASK workshop, participation of the Co-manager in the Steering Committee were discussed and approved. Besides, two coordinators/experts meeting were held at KADA office on October and November. Matters like training, procurement, budgets transference, progress reports etc were discussed. Moreover, it was agreed that a regular meeting chaired by the Programme Manager between the coordinators/experts is to be held on the first Monday of each month as stated in the (TOR) of the coordinators.

During December Mr. Dick Nauta the Co-manager and Mr. Joop Couenberg the Rural Water expert went to Holland for Christmas.

2.4 General organizational observations

According to the new - KADA structure Mr. Gabir Hussein - KADA liaison officer - returned back to KDC effective from the first of October 1989. Mr. Yagoub Ibrahim who was a candidate for the post of assistant Programme Manager also returned back to the RMEF on the first of November, since the post in question should be occupied by a first inspector from Khartoum or from Kassala. Suitable candidates from the associated department were to be chosen prior final selection.

A new assistant accountant Mr. Osman Taha was recruited to take over some responsibilities from the chief accountant Mr. Abd El Magid. Also a new watchman was appointed for the container yard after complaints of labour office - Kassala, since Mr. Eisa is too old now to carry the whole work alone.

2.5 Training

a) Local training :

A number of Government officials were trained during this quarter, especially in DSRC in Khartoum (a list of persons and courses is attached annex IV).

b) Training abroad :

Mr. Yousif Yagoub Director General of Agriculture and Miss Halima Shanan from Regional Planning were sent to Britain and Egypt respectively see (annex V). Osman Banaga Director Regional of Planning returned from Decentralized Development and Project Planning course at Bradford University which attended from September to December . . .

2.6 : The advance payment of Ls. 100,000 was forwarded to the Regional Ministry of Construction in order to start building the proposed RMFE/KADA offices.

KADA PROGRAMME

FINANCIAL STATUS OF PROJECTS - 4TH QUARTER 1989

PROJECT NAME	STARTING YEAR	COUNTER VALUE FUND (1n Sudanese Pounds)						
		BUDGET				EXPENDITURES		
		87/88	88/89	89/90	TOTAL BUDGET	4th QUARTER 1989	INCLUDING 4th QUART.89	BALANCE
SECTOR AGRICULTURE								
Project Support			12,000	115,000	127,000	6,662.2	61,005.2	65,994.8
Irrigation								
Mixed farming Salam Aleikum	1982							
Forestry								
Gash Delta forestry	1986			87,000	87,000	22,215.0	31,315.0	55,685.0
Tajuj tree plantation	1986							
Livestock								
Expansion dairy farm	1983							
Dairy production development	1983							
BAAP Waterspreading	1987							
Water spreading	1987	314,428	180,000	160,000	654,428	17,042.0	453,586.8	200,841.2
Mokram Experimental Farm	1987	182,571	51,000		233,571			233,571.0
Reforestation	1987	111,571	85,000		196,571		144,661.0	51,910.0
Agricultural Experimental Farm	1987	50,715	296,000	270,000	616,715	75,049.5	572,172.5	44,542.5
Agricultural extension	1987	50,715	97,000	400,000	547,715	123,080.9	291,775.8	255,939.2
Cattle husbandry	1987	71,000	140,000		211,000			211,000.0
Horticulture	1987		226,000	180,000	406,000	76,731.0	329,138.0	76,862.0
Kassala tree plantation	1987		348,000	238,000	586,000	72,622.0	203,384.0	382,616.0
Total Sector Agriculture		781,000	1,435,000	1,450,000	3,666,000	393,402.6	2,087,038.3	1,578,961.7
SECTOR RURAL WATER SUPPLY								
Research & support	1987	553,500	147,000	147,000	847,500	147.0	320,319.0	527,181.0
Rehabilitation W.S.W.	1987	452,500	115,000	115,000	682,500	11,769.0	256,024.0	426,476.0
Rural Water Supply II								
Mobile Maintenance Unit								
New water supply works			188,000		188,000			188,000.0
Maintenance W.S.W.			64,000	183,000	247,000	183.0		247,000.0
Urban water (village water supply)			5,000	100,000	105,000	14,026.0		105,000.0
Kassala water supply	1983							
Normuta water supply	1983							
Wad Sherifei water supply	1985							
Pipe materials water supply	1986							
Garb el Gash water supply	1986							
Access roads	1987	85,000	125,000		210,000			210,000.0
Total Sector Rural Water Supply		1,091,000	644,000	545,000	2,280,000	26,125.0	576,343.0	1,703,657.0

WADA PROGRAMME
PROJECT ACTIVITY SHEET

PROJECT NAME	STARTING YEAR	COUNTER VALUE FUND (1n Sudanese Pounds)						
		BUDGET				EXPENDITURES		
		BUDGET 87/88	BUDGET 88/89	BUDGET 89/90	TOTAL BUDGET	4th QUARTER 1989	INCLUDING 4th QUART. 89	BALANCE
SECTION PUBLIC SERVICES								
Rural Health	1987							
Project support		31,600	30,000	30,000	91,600	8,667	84,794	6,806
Primary health care planning		387,000	15,000	15,000	417,000		412,931	4,069
Drug distribution			12,500	112,000	124,500		88,067	36,433
P.H.C. rehabilitation			150,000	150,000	300,000		98,115	201,885
N.C.H.			177,000	177,000	354,000		182,300	171,700
Health training		138,200	80,000	50,000	268,200		97,099	171,101
National Health Programme EPI		178,700	7,000	20,000	205,700		43,385	162,315
National Health Programme TBC			80,500	73,000	153,500		110,470	43,030
National Health Programme CDD			30,000	23,000	53,000		30,000	23,000
Technical Education :	1987							
Project support			77,500	60,000	137,500	10,929.0	27,347	110,153
Rural practical education		368,400	350,000	480,000	1,198,400	3,500.0	757,057	441,343
Post primary tech. education		185,600	279,500	210,000	675,100	15,851.0	443,359	231,741
Post intermediate tech. education		374,000	200,000		574,000			574,000
Youth training centre			175,000	200,000	375,000	104,500.0	375,400	(400)
Women Activities :								
Project support			35,000	145,000	180,000	4,535.0	14,830	165,170
Integrated rural projects			408,500	120,000	528,500	12,996.0	330,914	197,586
Assistance to self-employed women			93,000	180,000	273,000		2,900	270,100
Cooperatives & community			156,500	55,000	211,500	21,313.0	170,836	40,664
Total Public Services		1,663,500	2,357,000	2,100,000	6,120,500	182,291.0	3,269,804	2,850,696
SECTION INSTITUTIONAL DEVELOPMENT								
IFE (Economic Planning)			467,000	350,000	817,000	130,045.0	773,370	43,630
WDC workshop (Third Option) Rehab.			987,000	350,000	1,337,000	84,800.0	1,404,425	(67,425)
(*) Agriculture building activities			79,000		79,000			79,000
(*) Local Training (all ministries)			100,000	150,000.00	250,000		16,630	233,370
Total Sector Inistit. Development			1,454,000	700,000	2,154,000	214,845	2,177,795	(23,795)
OTHER ACTIVITIES								
(*) Project support/PMR		1,038,000			1,038,000			1,038,000
(*) Rain-water drainage project			266,000		266,000			266,000

4. SECTOR : Agriculture and Natural Resources
SECTOR COORDINATOR : Abdalla Mohammed El Hag
SECTOR ADVISOR : Dick Nauta
PROJECT MANAGER : Dr. Mohammed El Nasieh

4.1 PROJECT : Kassala Agricultural Research Station (KARS)

4.1.1 Hedadeb Experimental Programme.

Experiments conducted in the low potential area were :

- a) Evaluation of some early maturing cultivars of sorghum for yield under water spreading system.
- b) Response of some sorghum cultivars to plant density.
- c) Effect of fertilizer on yield of sorghum cultivars.
- d) Evaluation of different selections of millet.
- e) Response of two varieties of water melon to plant density.
- f) Evaluation of some local cultivars of okra for yield and earliness.
- g) Effect of plant spacing on yield of cucumber.

Limited rainfall and improper water spreading coupled with delayed sowing due to late land preparation caused retarded plant growth. Eventually all planted crops because completely dry at various stages except water melon and cucumber. The late crops received flood water from streams transacting the experimental plot through a break in the contours.

Fruits of the water melon were destroyed by night-visiting wild animals feeding on them. Yields data were only collected from the cucumber experiments.

Tukrof Experimental Farm :

A successful new borehole was drilled in the northern part of the 50 feddans farm. There is a difficulty to find the submersible pump in the local market. The Director of Rural Water Administration promised to provide the appropriate engine and pump against the KARS CVF budget.

Land preparation for the experiments of this season, 1989/90, was very much delayed due to the difficulties of getting a reliable tractor to do the job. We had to resort to renting commercial tractors. The following experiments are now in the field :

New crops

- a) Potato : evaluation of 31x2 imported Dutch varieties for adaptation and yield.
- b) Broad bean : spacing and fertilizer trial.
- c) Chickpea :
 - 1- evaluation of 9 varieties for adaptation and yield.
 - 2- response to plant density.
- d) Kidney bean : response to plant density and fertilizer.
- e) Peas : response to plant density.

Other crops :

a) Onions :

- 1- effect of time of nitrogen application on yield.
- 2- response to nitrogen and phosphorus application.
- 3- effect of plant spacing and nitrogen on yield.
- 4- effect of spacing and nitrogen on onion seed production.

b) Tomatoes :

1. evaluation of 14 lines for resistance to leaf curl.
- 2- evaluation of 11 varieties for yield.

Fodder Crops :

Evaluation of leguminous and grass species for adaptation and fodder production.

Takruf Rank Experimental Programm :

The range experimental programme is supposed to cover both natural range and irrigated fodders. The programme is also to consider different plant species (both grasses and legumes). Although the programme is now located at Tukruf, it is expected to touch other sites or the natural ranges.

Trial programme at Tukruf :

This programme concentrates on leguminous plants. In this respect two trials were designed using both indigenous and exotic legumes.

Trial number (1)

The objective of this trial is to study :

1. the performance of 12 leguminous species of which 5 are introduced.
2. evaluate the production of these species.

In this trial the following is to be observed for the different species :

1. first date of flowering
2. 50 % date of flowering
3. 100 % date of flowering
4. plant height at 100 % flowering
5. date of full maturity
6. fodder yield
7. seed yield

Achievements :

1. planting started in mid January 1990.
2. data recording is going on.

Trial number (2)

In this trial three legumes were studied. The objectives of this trial are :

1. to study the effects of single and multiple cut on three leguminous species. The species used are : clitoria ternata -Dolicus lab lab and phageolus triblus.
2. measurement of fodder production as affected by cutting interval.

The cutting interval used are :

1. 5 weeks
2. 9 weeks
3. 18 weeks

Observation :

1. total fresh and dry weight
2. crude protein %

Achievement : Planting started mid January.

Observations : recording are going on.

4.2 : PROJECT : Horticulture
PROJECT MANAGER : Abd El Haleem El Hassan

The following activities were executed in the Eastern nursery :

- a) clearance of the nursery
- b) ploughing and land preparation of six feddans
- c) installation of pump and engine
- d) preparation of construction materials for canalization

4.3 : PROJECT : Unified Agricultural Extension
 PROJECT-MANAGER : El Fatih Osman

The Border Area :

Many visits have been made for the water spreading area to :

- a) follow-up harvesting of sorghum
- b) follow-up construction of shade to serve meetings with farmers and women activities.

A group discussion was held on 11-11-1989 at Hafarat to discuss the experiments conducted on contour raising in Kawateib and Hadadeib khors. It was attended by heads of agricultural departments and staff. It was also attended by the five re-forestry researchers coming from Soba and Madani and 44 villagers.

High Potential :

The following demonstration plots were started in the horticultural area around Kassala.

Crops Area	Southern Sawagi	Northern Sawagi	Tukrof East	Eastern Sawagi	Total
Tomato	2	2	2	--	6
Onion	1	3	--	1	5
Okra	--	--	1	--	1

The following table shows the extension activities during October - December 1989 :

No. of visits	No. of demonstrations	No. of farmers visited in the field	farmers visited office	group discussion
157	12	356	265	1

Table showing inputs distributed by the Agricultural Bank through the Extension Department :

Inputs	Stock at beginning of Oct.	Received during Oct - Dec	Total inputs	Distributed	Stock at end of Dec.
Chemicals :					
Urea (50kg)	7206	--	7206	6793	413
Folimat(lit)	51	--	51	51	--
Sevin (kg)	10	5	15	13	2
Sweet pepper (lb)	90	--	90	90	--
Egg Plant(lb)	10	--	10	10	--
Water melon (lb)	10	252	262	262	--
Tomatoes (lb)	--	216	216	205	11
Alfa alfa (sack)	--	40	40	29	11
Supper Phosphate (sack)	--	300	300	42	258

4.4 : PROJECT : Kassala Tree Plantation
 PROJECT MANAGER : Abdalla Ali El Tom
 COORDINATOR : Asha Adam

This project is implemented to reforested 1000 feddans of reserved forest within Kassala area. It is an irrigated forest.

Phase I :

It was completed in an area of 250 feddans. The general condition of the trees is good. The various types of silvicultural operation (weeding, pruning) was done. Irrigation is continuing to trees less than two years. Signs of drought were observed in some places, due to the limited amount of fuel and lubricants available for the irrigation water pump, beside lack of spare parts. It was observed that the rate of height growth was more than that of girth, this shows the need for thinning, which is very important for the production of high quality poles.

Phase II :

The total area of Tafayet forest planted is 130 feddans, sixty feddans were recently prepared for planting but the engines and pumps were not installed yet, and planting has to be delayed till these are available.

Constraints :

- 1- Landrover No. 832 that belongs to the project is under repair.
- 2- shortage of fuel and oil.

4.5 : PROJECT : Gash Delta Green Belt
 PROJECT MANAGER : Ahmed El Rashed

1. The GDGB comprises two related activities : Aroma Nursery and Aroma Green Belt. The nursery is to provide seedlings for afforestation purposes in the Green Belt and other afforestation area. October witnessed the last provision of seedlings from nursery to the field, beating up and weeding the Green Belt.

2. Irrigation : Although preparations for water spreading were intensified last season, the water received was very little, due to low levels of Gash water and the irregular nature of the river itself. The amount of rainfall received throughout the season (July - September) totals about 157 mm compared to 337 mm for 1988/89.

3. Conditions and performance of plantations : Five different species were planted according to design and homogeneity of shelter belts. Beating up was carried out in areas flooded, particularly the areas of *Acacia mellifera*, *Ziziphus spina - christi* and *A.seyal*

4. Nursery balance :

Species	No. produced	Planted out	Area
<i>Eucalyptus microtheca</i>	16,000	10,000	Balags
<i>Eucalyptus camaldulensis</i>	15,000	11,000	"
<i>A. seyal</i>	20,000	15,000	"
<i>Ziziphus spina - christi</i>	25,000	10,000	"
<i>Balanites species</i>	1,000	1,000	Kassala
<i>Acacia nilotica</i>	1,000	1,000	SER
Various species	10,000		New Halfa
	88,000	48,000	

5. Conclusion : In order to solve the problem of watering the green belt properly, a separate intake is recommended to provide water directly from Mekali canal.

Water spreading :

- Kawateib :

- a) sixty gypsum blocks were distributed to different sites of the area.
- b) moisture is being recorded every second day.
- c) follow up of plant growth was continued.
- d) crop productivity assessment was done; result give the following indications :
 - average % of wt of heads to wt of straw = 34 %
 - average % of wt of seed to wt of heads = 36.7 %
 - average grain yield = 28 kg/fed.
 - average straw yield = 641.7 kg/fed.
- e) soil samples were taken from the area and sent to Khartoum for analysis.

- Hedadeib :

The research work funded by Ford Foundation in Hedadeib is continued by Johan van Dijk and staff of the Soil Conservation Department.

5. SECTOR RURAL WATER SUPPLY

PROJECT : Rehabilitation water supply works
SECTOR : Rural water supply
RESPONSIBLE AGENCY : NCDRW
PROJECT COORDINATOR : Mohammed Hussein
SECTOR ADVISOR : Joop Couenberg

PROGRESS

Work was started to rehabilitate embankments of Tambi infiltration basin and re - dig 6 km of designed canal. Also two infiltration wells and three piezometers will be constructed.

PROJECT : Maintenance of shallow wells
SECTOR : Rural water supply
RESPONSIBLE AGENCY : NCDRW
PROJECT COORDINATOR : Mohammed Hussein
PROJECT ADVISOR : Joop Couenberg

PROGRESS

One hand pump was replaced in Bagadir village

PROJECT : Project support and research
SECTOR : Rural water supply
RESPONSIBLE AGENCY : NCDRWR
PROJECT COORDINATOR : Mohammed Hussein
PROJECT ADVISOR : Joop Couenberg

PROGRESS

Construction work in Aroma workshop was stopped due to shortages in funds.

PROJECT : Project support
SECTOR : Rural water supply
RESPONSIBLE AGENCY : NCDRWR
PROJECT COORDINATOR : Mohammed Hussein
PROJECT ADVISOR : Joop Couenberg

ACTIVITIES :- Women sanitation, water resources investigation and training.

women sanitation

To employ graduate for a period of 12 months and to provide her with transport, the estimated budget is Ls. 15000.

Water resources investigation

investigations will be conducted to find suitable location for construction of one infiltration basin south of Kassala town and also suitable locations for construction or rehabilitation of two hafirs in Rashida area. Investigation will also be carried out in the Gash delta for location basins. forty geo-electric profiles will be needed plus test drilling. Total amount of money needed is Ls. 275,000.

Training

Allocation of foreign funds to send 3 people for training in water resource development and water resource management is needed.

PROJECT : Rehabilitation water supply works
SECTOR : Rural water supply
RESPONSIBLE AGENCY : NCDRWR
PROJECT COORDINATOR : Mohammed Hussein
PROJECT ADVISOR : Joop Couenberg

It is planned to rehabilitate one hafir, one infiltration basin, three shallow wells, Aroma water yard and Gammam water yard. The total amount of local money needed is Ls. 382,000. Foreign money is also needed to buy equipment such as pumps, tanks, engines, generators and pipes.

PROJECT : Construction water supply works
SECTOR : Rural water supply
RESPONSIBLE AGENCY : NCDRWR
PROJECT COORDINATOR : Mohammed Hussein
PROJECT ADVISOR : Joop Couenberg

Activities :

Aroma maintenance centre, one infiltration basin and one hafir.

It is planned to complete the construction of Aroma maintenance centre where the heavy equipment will be spreading most of the time and construct one infiltration basin and one or two hafirs depending on the results of the water resource investigation. Foreign money is needed to buy equipment and materials to complete the construction.

6. SECTOR PUBLIC SERVICES

6.1 : SUB-SECTOR : Rural Health
RESPONSIBLE AGENCY : Ministry of rural health
COORDINATOR : Dr. Izzeldin El Tayeb
ADVISOR : Monique Calon

6.1.1 PROJECT SUPPORT

On the 18th of September 1989 a new KADA Coordinator for health was appointed meeting the recommendation of the Netherlands-Sudanese evaluation mission (community oriented physician and should be in an in-line function over PHC activities implemented by KADA. The new health coordinator starts his work by improving the managerial skills and set up a clear organization structure specifying clear job descriptions with in the health sector and to work for better integration between various sectors in the field of rural health. A regional PHC committee was formed and the health coordinator was appointed as an executive secretary over PHC activities. The new organization structure was agreed upon between the previous Director General of Health and the previous KADA Programme Manager Mr. Hans de Vries and was annexed to the progress report for the 3rd quarter 1989. The Public Services Expert assumed duties on the 16th November and has advised on research and planning as well as procurement.

For administration of MCH activities the previous Director General of Health agreed to provide two empty offices in Elmuja Elsihi (Kassala). After the two offices were rehabilitated, administrative problems arose which prevented us from using them. This has had a serious effect on the ongoing programme and on integration between various health sectors. The maintenance of these two offices came from KADA Counter Value Funds, equipment and personnel are still required. The Director General of Kassala and Aroma has been informed accordingly.

When we started our work the remaining budget from 1988 (CVF) with the health affair account was about 125,000 Sudanese Pounds. This money was used for most of our activities in this quarter. The low completion rate (2%) for the 1989/90 CVF budget reflects this.

Activities carried out from 1988 budget between September 1989 and December 1989 were as follows :

<u>Activity</u>	<u>Cost</u>
1. maintenance of two offices for MCH and KADA implementation programme	Ls. 8,940
2. equipment for the midwife school	Ls. 1,160
3. rehabilitation of the midwife Mini bus	Ls. 5,738
4. equipment for EPI programme	Ls. 2,000

5. combined courses for health personnel and others (69 persons in 3 courses in the CHW school.	Ls.22,000
6. CDD	Ls.13,998
TOTAL	Ls.56 521

Two baseline studies have been formulated, one focusing on traditional birth attendants and another on nutrition. These two aspects are considered vital components of the PHC and MCH programmes.

6.1.2. Health Training: Combined Courses
Project Manager: Dr. Izzeldin El Tayeb

The number trained by December 1989 totals 339 health personnel and some other government officials. These personnel received combined courses of 10 days duration (see report 3.10.89 attached).

A new course was designed and implemented selecting the health personnel who need training and concentrating on the practical aspects, so that after the course the trainees are able to implement activities in the fields of MCH, EPI, Nutrition and CDD together with the other activities regarding PHC. The tools for work in the rural areas were provided; immunization bags, salter weighing scales rehydration sets and cards for reports and feed back.

6.1.3. Rehabilitation of PHC units
Project Manager : Dr. Izzeldin El Tayeb

Two health units are under construction for a total cost of 187,830 Sudanese pounds in Tihidi and Ilateot (border areas). Each unit received 45,000 pounds to complete the first phase and the balance will be given when the buildings reach the top doors and windows. The money allocated is not enough for the 5 units in the border area planned in the 1989/90 workplan. Most of our primary health units (90 %) are built with grass and mud and therefore very vulnerable to adverse weather conditions found in the area.

6.1.4. M.C.H.
Project Manager : Dr. Izzeldin El Tayeb

The villages committees were formed. However, the supervisory team has not succeeded in promoting integrated health services as the car for supervision is used mainly by the senior M.A. for work not related to KADA activities.

The supervision car for MCH is still in KADA workshop for maintenance. This car came from abroad with a defect in the Gearbox (speed wheels) in 1988 at which time no claim was made to the supplier. It has been in the workshop for more than two months for repairs although the car is urgently needed for training TBA's.

Two field visits to Aroma occurred in the 31-12-89 and on 23-01-90. Meetings were held with the senior executive officer, the engineer, the local committee for services, Wagar committee and the local leaders to arrange for the construction of MCH centre in Aroma and training TBA's in the rural areas (Timinti and Wagar). The health visitor and mid wives were announced. We are waiting for the approval of a local contractor and the completion of the TBA's number (lists).

The 12 TBA's trained in Hamashkoreb were provided with equipment from our stores (Elmajama).

The midwife school was provided with equipment. Two visits to Khartoum occurred and we attended conferences related to MCH and PHC activities.

6.1.5. Drug distribution

Project Manager : Dr. Mohammed Gasm Elsid

Maintenance and construction of two drugstores is completed in Elmajama Elsihi. They are now functioning, and another drug store is under construction.

The Bedford truck distributes the drugs to the PHC units in Kassala and Aroma areas monthly. Every PHC unit or dispensary has a box; water containers and simple furniture are still needed.

6.1.6. The vertical programmes

Project Manager (s)

EPI : Dr. Dawelbiet

CDD : Dr. Ali Elrahman

TBC : Dr. Ramadan Malassi

In all the vertical programmes (EPI, CDD, TBC) the performance is not satisfactory although every sector has received the full details about its budget and was persuaded to act and implement their programmes. The reason for this insufficient performance may be the instability of the health personnel (the director for CDD and TBC programmes were both transferred). There is also poor managerial control because the organization structure form is not fully understood no offices were available, office equipment is still needed and much time and effort were invested into the last combined training course which is the first experience in Sudan, and will enable us to extend the services of the vertical programs to the rural areas. The supervision is still not satisfactory.

Most of the objectives in the 1989/90 workplan will not be reached partly because the budget is not sufficient, e.g construction of 5 MCH centres in the rural areas would require about 2.5 million Sudanese pounds, construction of 5 TBC labs requires about 300,000 Sudanese pounds.

6.2 TECHNICAL EDUCATION

SUB-SECTOR : Public Service
COORDINATOR : Zakaria El Basha
ADVISORS : Monique Calon, Geoffrey Ostler

GENERAL

This has been a good three months particularly for the Post Primary activities. The Public Services Expert assumed duties on the 16th November. This has facilitated decisions and discussions concerning the implementation of some of the new projects and further directions for a number of activities. This is particularly true of the girl's post-primary training centre at Metateib.

Applications have been made to the VSO Field Office for a placement to be made in the field of Technical Education to support the on going programmes. The new advisor, it is hoped, will arrive in October 1990.

There have been serious delays with building work and the tendering system. These have now largely been solved. Shortages of building materials, however, will probably continue to delay the work and increase costs significantly.

6.2.1 PROJECT : POST PRIMARY TECHNICAL EDUCATION. BANET ARTISAN CENTRE

PROGRESS

The students who were selected in August have continued working at the Vocational Training Centre workshop in Kassala, producing mainly individual items extending their experience using the tools.

A small scale production system of fire cones, a simple device which gives an enormous saving of charcoal when used on local stoves, was established. Designed by and produced for the FAO, this has brought in a small revenue which has potential for development into a regular income. Tools to manufacture the cones easily have been produced. One of the teachers has been on a course to Khartoum to learn the latest techniques of stove production. It is hoped that this too will become a income-generating enterprise in conjunction with the FAO and also to the benefit of the community.

Links have been formed with one of the local primary schools where PEP activities for girls have been particularly successful. One of the activities is to decorate sugar bags. A lamp design has been developed which uses the decorated bags as a shade. This has potential for production involving several centres and providing an outlet for isolated schools producing good craftwork.

Several orders have been received for tables and chairs for rural schools and an order for trays to start plant production. It is now up to the teachers to take the opportunity to develop these contacts and build up a steady income. The workshop at Banet still has no electricity but a small generator has been borrowed to enable work fitting out the workshop to proceed. Benches have

been made for the end walls and the internal electrical wiring has been started. It is intended that the wiring be completed by the students as part of their training.

PROBLEMS

The syllabus and work-sheets have not been translated in Khartoum. A start has been made to do this with the teachers at the centre. This has the advantage of giving them a good mastery of the training materials.

Shortages of raw materials often delay the work. The ordering system has been streamlined to improve their availability.

Standards of production and finishing must be improved. The students must be encouraged to complete the projects and sell if possible for a profit. It is necessary to improve the marketing methods of the products. The shop outlet should be considered.

The building work at Banet still needs to be completed and a start made on the mini-workshops for the students.

The teachers need additional training in some skills.

FUTURE ACTIVITIES

Teachers need additional training in some basic skills like welding. There is also a need for the teachers to gain work experience. This can be organised through local employers. Two week periods are recommended with relevant trades. This will also enable the teachers to make contacts and help find work experience placements for the students.

The GTZ centre in Port Sudan is to be approached with a list of the training needed for the teachers.

Approaches are to be made to local employers to give the teachers experience in the relevant industry.

Decisions are to be made concerning the development of the Post Primary Centre in line with the 1987 workplan. The tools and equipment ordered.

An attempt is to be made to obtain a surplus shipping container to act as a base for the mini workshops at Banet. This will also illustrate one method of creating a workshop rapidly and at minimum cost.

The syllabus, teaching material and report is to be completed by the VSO during the next three months.

The KDC will be approached to designate a site for the shop outlet at the central market and building (or rehabilitation) started. The shop outlet will be used for other programmes (e.g. REP, PEP, women's cooperatives) as well and will also be used as a skills extension centre.

6.2.3 PROJECT : POST PRIMARY TECHNICAL EDUCATION
METATEIB GIRLS TECHNICAL EDUCATION

PROGRESS

Several visits have been made to the centre at Matateib and the village. Discussions have taken place with the men and women in the village concerning the development and use of the centre. As it is not feasible at the moment to provide boarding facilities for students from other villages, it was decided to establish a multi-purpose centre for PEP activities, girls' post-primary technical education and training courses for adult women. In this way any equipment provided will be used optimally. Support will also be provided by the Women's Programme.

It was arranged that the centre be cleaned by the local people and two sewing machines and some basic furniture be provided, for use by the women of the community. Training courses in sewing, homestead forestry, mudstove construction and poultry keeping are planned. Approximately 60 women registered as participants in the various activities planned at the community centre. A committee was selected to coordinate the activities.

The improvements to the centre were discussed and tenders made.

PROBLEMS

The cost of rehabilitation is likely to exceed the budget available. The tender has been limited to the work most urgently needed. Additional funds will be made available in the next financial year. Water is a major problem and will affect the costs.

Selection of activities is an issue which will require the services of experienced consultants. Although two local and one expatriate consultants were identified, the costs of these consultancies are not included in the 1989/90 budgets.

The proposed training visit to neighbouring countries will have to be postponed until decisions have been made regarding the curriculum and teachers appointed.

FUTURE ACTIVITIES

Half of the buildings are to be reconditioned and equipped in this financial year.

Courses are to be given in mudstove making. These will be arranged by the FAO and transport supplied by Technical Education.

The centre is to be opened and run by a local committee immediately. This will be an experiment to see how it is used and as a base for future developments.

6.2.4 PROJECT: POST INTERMEDIATE TECHNICAL EDUCATION

PROGRESS

The lists of equipment for the maintenance centre has been prepared.

PROBLEMS

Lack of catalogues and the new procurement procedures for the TA budget have delayed the placing of the orders. Most orders placed during the first three quarters of 1989 will have to be remade.

FUTURE ACTIVITIES

The orders for the equipment will be placed as soon as possible and equipment, hopefully, will arrive in time for the new VSO to help with installation.

6.2.5 PROJECT: RURAL PRACTICAL EDUCATION

ACTIVITY: RURAL EDUCATION PROGRAMME

PROGRESS

The boundary wall at Mokrum centre has been completed and handed-over. Sewing machines have been distributed to 3 REP centres. At four centres training (home economics, handicrafts, sewing, literacy) is being conducted.

PROBLEMS

The officers-in-charge of REP were not aware that 12 centres are planned in the 1989/90 workplan. Activities have been limited to 5 centres. It is not recommended that the programme continue in its present form which focuses mainly on providing sophisticated buildings and equipment, mainly in (semi-) urban areas.

FUTURE ACTIVITIES

To provide the 5 centres with the necessary furniture and equipment as planned.

To provide electricity and water connections for the Mokrum centre.

To review the needs for adult education and training in rural areas and make provisions to provide appropriate support. A new workplan will be drawn up and sites selected for future activities.

ACTIVITY: PRACTICAL EDUCATION PROGRAMME:

PROGRESS

This programme covers a total of 27 schools (8 girls' schools, 13 boys' schools and 6 coeducational schools). A table of the activities and facilities at each school is attached. Plans have been submitted to re-animate the programme, particularly in the rural areas with a focus on agricultural activities.

At the Kormuta primary school for girls two new activities (lampshade production and decoration of metal trays) have been introduced to test new income-earning activities. This school is recommended as a model centre for girls' technical training.

PROBLEMS

After a very ambitious start, this programme suffered from a lack of maintenance (tools, buildings), continuity (many of the teachers trained in the first phase have now left) and technical back-stopping. It is recommended that a detailed workplan be drawn up, focusing on schools in the rural areas.

FUTURE ACTIVITIES

To review the needs of each school and provide appropriate support in terms of teacher training, maintenance and redistribution of equipment, rehabilitation of workshops and review of the curriculum.

Refresher courses for teachers in nutrition, metalwork, carpentry, home economics and nutrition education are planned for the school holidays. Draft curricula for these courses will be prepared.

6.3 WOMEN AND DEVELOPMENT

SECTOR : INSTITUTIONAL DEVELOPMENT
SUB-SECTOR : WOMEN'S PROGRAMME
SECTOR COORDINATOR : Ikhlass Husien
SECTOR ADVISOR : Monique Calon

=====

6.3.1 PROJECT : PROJECT SUPPORT
RESPONSIBLE AGENCY : DEPARTMENT OF PLANNING/MFE

PROGRESS

- As a follow-up to the recommendations of the Joint Sudanese/Netherlands Evaluation Mission of September 1988, an internal evaluation of the sector was started in December 1989. The final report will be available in February 1990.
- The new Public Services Expert assumed duties on 16 November 1989.
- In collaboration with the Rural Water Corporation preparations were made to assign a research and planning officer for women in water and sanitation to the RWC. The officer will conduct a baseline study, prepare an extension programme and advise on the organization of village water committees. Initially she will be assigned for a period of six months (February-July 1990) and co-financed through the women's programme.
- Female forestry extension agents from the Kassala area were sponsored for participation in a training course on the construction of fuel-efficient mudstoves organised by the FAO/Forestry extension service in Kassala.
- Advisory services were provided to the Technical Education Sector for the establishment of a post-primary girls and adult education training centre for girls and women in Metateib.

PROBLEMS

- The lack of transport and delays in ordering procedures have severely hampered progress. The women's programme and many of the collaborating departments do not have sufficient transport facilities and equipment to effectively implement and monitor activities in the rural areas.
- The staff from the various departments, namely the officers in charge of the women's programmes, are not adequately trained in the planning and implementation of projects.
- The absence of an advisor for the rural/agricultural projects (the present advisor is receiving training in the Netherlands) has delayed implementation of new activities in the rural areas.

FUTURE ACTIVITIES

- Complete the evaluation and design new procedures for project identification
- Train officers in collection of baseline data and project planning
- Seminar for the Eastern Region on Women's Programmes (March 1990)

6.3.2 PROJECT : INTEGRATED RURAL PROJECT
ACTIVITY : RASHAIDA WOMEN'S TRAINING PROGRAMME
RESPONSIBLE AGENCY : DEPARTMENT OF SOCIAL WELFARE
PROJECT MANAGERS : Suad Hassan
Widad Mubark

PROGRESS:

- The 9-month training programme in literacy, nutrition and health restarted in November 1989 with groups of 15-25 women in each of three villages (Mastoura, Mansura, and Abu Talha).
- Construction of 3 training centres from local materials ('kornuks') was started and is expected to be completed in January 1990.

PROBLEMS

- After the first course no adjustments were made to adapt the training to the needs and interests of the women in the villages.
- Additional and more appropriate training materials are needed.

FUTURE ACTIVITIES

- The present course will be intensively monitored in order to adapt it to the needs of the settled Rashaida women. The future of this activity will depend on the final assessment in July 1990.

ACTIVITY: AGRICULTURAL EXTENSION- BORDER AREA
PROJECT MANAGER(S): MARIAM SAEED (AGRICULTURAL EXTENSION)
AISHA ADAM (FORESTRY EXTENSION)

PROGRESS:

- Vegetable seeds were distributed in Hafaret, Dieman and Bagadir in December 1989.

PROBLEMS:

- Although the activity in itself has a good potential in terms of contributing to food security and improvement of the quality of life it has not received sufficient follow-up to ensure success. The two main factors involved are the inadequate technical advice and the lack of transport for supervision. Until these problems are solved it is not recommended that the project be extended to other villages.

FUTURE ACTIVITIES

The following activities are planned in order to improve the quality of the agricultural extension programme:

- Training of management staff
- Training of selected participants from the 4 villages
- Establishment of vegetable nurseries in Hafaret and El Marija
- Training in poultry keeping and distribution of 2 month chicks on a credit basis in Hafaret

The women's programme will also contribute towards the construction of training facilities at the Agricultural Extension compound.

ACTIVITY: NUTRITION EDUCATION - HADENDAWA WOMEN
RESPONSIBLE AGENCY: SGNED AROMA
PROJECT MANAGER(S): BABIKER BILAL

PROGRESS

- 25 women in Wagar completed a three month training course in nutrition in December 1989.

PROBLEMS

- The lack of feedback on the courses and of follow-up activities make it impossible to assess the impact.

FUTURE ACTIVITIES

- Reassessment of the needs of the target group in terms of health and nutrition education, impact of the training activities and subsequent adaptation of the course.

6.3.3 PROJECT: COOPERATIVES/COMMUNITY DEVELOPMENT

ACTIVITY: SUPPORT TO SHAABIJA WOMEN'S COOPERATIVE
RESPONSIBLE AGENCY: SHAABIJA WOMEN'S COOPERATIVE

PROGRESS

- The grinding mill was officially opened by the Governor on 17 December 1989. However, it is not yet operational as the connections for electricity are not completed.

- 25 women completed the 3-month nutrition course and received their certificates at the opening ceremony.

PROBLEMS

- A request by the cooperative to provide funding for the labour costs for construction of the bakery was rejected. To date, KADA has given generous support (LS 244 000) for construction work, provision of equipment and training of cooperative members. It is felt that no further support should be provided for expansion of the cooperative unless it is justifiable from the perspective of using the cooperative as a model for other women's groups. As a model cooperative, however, it should be a realistic representation of what a women's group can achieve with limited resources.

FUTURE ACTIVITIES

- Advisory services by agricultural extension to revive the gardening activities at the cooperative. Otherwise, no further support foreseen.

ACTIVITY: HALANGA/KHADMIJA COOPERATIVES
RESPONSIBLE AGENCY: COOPERATIVE ADMINISTRATION/DEPARTMENT OF SOCIAL WELFARE
PROJECT MANAGER(S): MAHJOUB A. SALAM
EL HAID HAMID

PROGRESS

- The cooperative members at Halanga have collected the fees (LS 125 from each member) and are awaiting the final application for registration as a cooperative to be prepared by the responsible agencies.

PROBLEMS

- The agencies responsible for preparation of the applications have been very slow. This issue has been pending for more than 6 months, despite the fact that the women's groups have identified potential income-generating activities, which could be undertaken on the short term and with limited funding and are in the process of collecting members' contributions.

FUTURE ACTIVITIES

- Registration of the two cooperatives.
- Construction of cooperative buildings and provision of equipment on credit basis.

ACTIVITY: HALANGA/KORMUTA COMMUNITY CENTRES
RESPONSIBLE AGENCY: DEPARTMENT OF SOCIAL WELFARE
DEPARTMENT OF ADULT EDUCATION
AGRICULTURAL/FORESTRY EXTENSION
PROJECT MANAGER(S): MAHJOUB A. SALAM

PROGRESS

- The courses in adult literacy, sewing, handicrafts and nutrition are continuing. At each centre approximately 75 women participate.

PROBLEMS

- The programmes are not reviewed on a regular basis in order to better adapt the content to the needs of the target population.

FUTURE ACTIVITIES

- Adaptation of the course content to the needs of the target group(s) and development of income-generating activities (food processing, sewing etc.)

PROJECT: ASSISTANCE TO SELF-EMPLOYED WOMEN
ACTIVITY: SUPPORT TO PETTY TRADERS
RESPONSIBLE AGENCY: KASSALA DISTRICT COUNCIL
PROJECT MANAGER(S): ZAHRA EL TIEB (SENIOR EXECUTIVE OFFICER KDC)

PROGRESS

- An in-depth study of petty traders at the Kassala central market was started to assess the impact of the shed constructed in collaboration with the women's programme and other possible assistance to women traders. The report will be available in February 1990.

- The KDC is preparing an estimate for a second shed in Garb-el-Gash. The design has been modified to provide counters for display of the goods and storage space.

PROBLEMS

- Shortages of building materials and administrative procedures are delaying the construction.

FUTURE ACTIVITIES

- Further studies on women in the informal sector to identify other activities to support the income-producing role of women, also in the rural areas.
- Construction of a second shed at the central market for women dealing in non-food items (e.g. saaf products).

7. SECTOR OTHER ACTIVITIES

7.1 KDC/KADA WORKSHOP

SECTOR : Mechanical maintenance and repair
RESPONSIBLE AGENCY : KDC/KADA
REPORT COMPILED BY : Hassaballa Hamid

General :

- This quarterly period shows that we are operating reasonably good.
- Hussan Adam black-smith/welder is back from a six months course in Khartoum.
- The last months shows a better cooperation between KDC workshop staff and KADA workshop.

Progress :

- The workshop construction is nearly ready.
- Construction of zone one - office, zone four - truck by, truck pit is complete.
- Construction of zone two - diesel shed, watchman room, buffet and oil store is complete.
- Construction of zone three - proposed fitting and machine workshop is nearly ready.

Problems :

- Lack of fast-wearing spare parts since the beginning of last year, reduced the maintenance service.
- Lack of lubricants since May 1989, reduced our customers.
- Spare parts for LR 110 diesel is not available in the local market; it is very important for the workshop to have sufficient stock in order to keep the customers.
- Lack of engine oil and brake fluid is a serious problem, because it is not available in large amount since December 89.

Future activities ;

- Management structure development is our main objective.
- Courses for further experience for staff.

Status of All KADA Project 4th Quarter 1989

	Finished (before April 1988)	Ongoing	Completed in rep. period	Total Nr
	5	-	-	5
	11	-	-	11
	14	-	-	14
	9	-	-	9
	11	-	-	11
	9	-	-	9
	-	-	6	6
	-	Institutional Development. Tech. Education. Rural Water Supply PHC/Rural Health. Agriculture.	-	5
Equipment	7	-	-	7
staffmember	15	-	-	15
(time)				
Project	37	5	6	48
	-----	-----	-----	-----
	59	5	6	70
Project	67	-	-	67

PROPOSAL FOR THE INTEGRATION OF THE KADA WORKSHOP INTO THE MTD/TASC
PROGRAMME

1. Introduction

Since the start of the KADA programme when all activities were concentrated in the Kassala town, the need of vehicle maintenance for the KDC had been recognized. Therefore in 1981 a vehicle mechanic advisor had been attached to the KDC workshop.

With the increase of KADA dented vehicles to be maintained, a special workshop was established on the premisses of the KDC workshop. A revolving fund was approved to enable to create a buffer stock of fast floating spare parts. A separate work-force was employed and paid by the KADA programme carrying out preventive maintenance and repair work for all the KADA vehicles. The KDC workshop had received a consignment of equipment and tools and received continued advice in their work, when needed, from the technical advisor. Tools and equipment were borrowed and freely used between the two workshops.

In 1987 the Third Option workshop project, with the objective to integrate both workshops, had been approved and funded. With the arrival of the expatriate workshop manager the project started to be implemented in April 1987.

KADA and the KDC agreed on three major lines of action :

- a) rehabilitation of the workshop premisses, including the purchase of tools and equipment.
- b) development and introduction of a new management structure.
- c) integration of the KADA workshop into the KDC workshop after the successful implementation of the first two lines of action.

2. Present situation of the KADA workshop

It has been clear for some time that the KDC is unable to implement the development and introduction of a new management structure into which the KADA workshop can integrate.

Despite the feasibility study carried out by the SRDC (Sudan Rural Development Company) and the establishment of two ad hoc committees by the KADA Steering Committee meeting, no action on the proposed company structure has been taken by the KDC.

Since April 1, 1989 the KADA workshop is rendering maintenance and repair services for all KADA overhead vehicles and other sector donated KADA vehicles on a semi-commercial basis without any financial (revolving fund) input from the Dutch Government.

The integration of the KADA workshop in the KDC workshop is not feasible as the physical rehabilitation is still not finished and no new management structure can be expected to be introduced by the KDC as agreed upon in the Third Option project.

In order to break the impasse and to continue the necessary KADA maintenance and repair services - which should "under no circumstances stop" according to the opinion of the KADA Steering Committee-, either a new institutional cadre should be identified, or the KADA workshop should restrict its activities to its own vehicles outside the KDC workshop (this option, known as the Second Option), has been rejected in 1985).

In September 1989 the KADA Steering Committee has recommended that a new institutional environment will be identified and for that purpose invited Mr Gazali (Managing Director MTD) and "Papa" John Royacker to visit Kassala and explain their MTD/TASC project proposal and advice on a future strategy for the KADA workshop integration and the continuation of the maintenance and repair services facility of the KADA programme.

3. Proposed future for the KADA workshop

MTD (Mechanical Transport Department) and TASC International (Truck Aid Services Centre) in Khartoum are extending their three year vehicle maintenance centre experiences into other regions in the Sudan. In the context of this "income - generating training centre" approach a MTD/TASC vehicles services centre will be established in Kassala, in which KADA can integrate with its spare part assets, manpower and maintenance and repair services commitments for all KADA programme donated vehicles in the area. In order to enable MTD/TASC to establish the physical environment of the training centre, it is proposed that KADA will make available Dfl 336,000 from the non-allocated budget reserve. With these funds and its own funds MTD/TASC will manage the training centre with expatriate staff (one workshop manager, three trainers, one financial controller/administrator and one store-keeper). This management team will also see to it that the KDC workshop receives continued management assistance to the extent that the investments made in the physical rehabilitation of the Third Option will not be lost and that the new workshop will be able to function with sufficient tools and equipment to cater for the KDC vehicle fleet (see for further details of the MTD/TASC project annex I).

The salaries of the KADA workshop staff will be paid by the KADA programme till January 1, 1991 after which the staff will be on the pay roll of the MTD/TASC centre.

Outline of further action

The first step to be taken is the preparation of the technical project document to establish the MTD/TASC in some generating training centre in Kassala, including its manpower requirements and its funding.

The second step is to establish an inventory of the KDC workshop assets which were donated by the KADA programme in the past and the inventory of the KADA workshop assets including tools, equipment and materials imported under the Third Option project budget and spare parts imported for the different sectors and project activities under the revolving fund facility.

The third step is the request of the KADA Steering Committee to the Dutch Government, through the RNE, to approve the allocation from the reserve of the 1989/90 budget and to earmark a part of the Third Option assets to the MTD/TASC project.

The fourth step is the development of a plan of action for the integration of the KADA workshop into the MTD/TASC centre, including distribution of assets and management assistance to the KDC rehabilitated workshop.

The fifth step will be the formal closure of the Third Option project and the handing over of the KADA workshop to the MTD/TASC project.

Annex III

- Chairman KADA Steering Committee
- All Director Generals
- All KADA Advisory Team
- All Co-ordinators

Kassala : 12-12-1989
Ref. : SAL/YA/2500
Subject : Co-ordinators (T.O.R.)

Based on the Steering committee approval on the 28th of November 1989, the following (T.O.R s) were outlined :

- * Participation in the preparation and finalization of sector budgets and / work plans.
- * Collecting and writing the quarterly progress reports - from sub-sectors/sectors with the assistance of the assigned sector expert.
- * Preparation and collection of sectors over seas procurement orders together with the necessary justifications.
- * Receiving and distributing sectors/sub-sectors goods and equipment following KADA handing over procedures.
- * Assist in reviewing and endorsing the disbursements of the concerned sectors during the implementation of the work plan.
- * Follow up KADA activities with reference to work plans and sectors/sub-sectors.
- * Co-ordinating KADA activities with regard to DGs, sectors/ sub-sectors and KADA coordination team, i.e programme Manager, Co-manager (Agriculturist), Rural Water and Public Service experts.
- * KADA Co-ordinators are accountable to KADA management team i.e the Programme Manager and the Co-manager and the respective DGs' as far as their technical activities are concerned.
- * Co-ordinators are supposed to carry out and to undertake all the transactions concerning training and fellowships (local and foreign) for their sector nominees/candidates.
- * To achieve the above (TORs), a monthly meeting is to be held at KADA office on the first Monday of each month. In case that Monday become a holiday the meeting will be shifted automatically to the following Tuesdays (and so on).
- * Agendas for each meeting will be the followings;
 - * Progress of the various KADA activities
 - * Problems, constraints (if any)
 - * Other issues (if any)

Best regards,

Salah El Tayeb Mohammed
KADA Programme Manager.

cc : Regional Development Department, Khartoum.

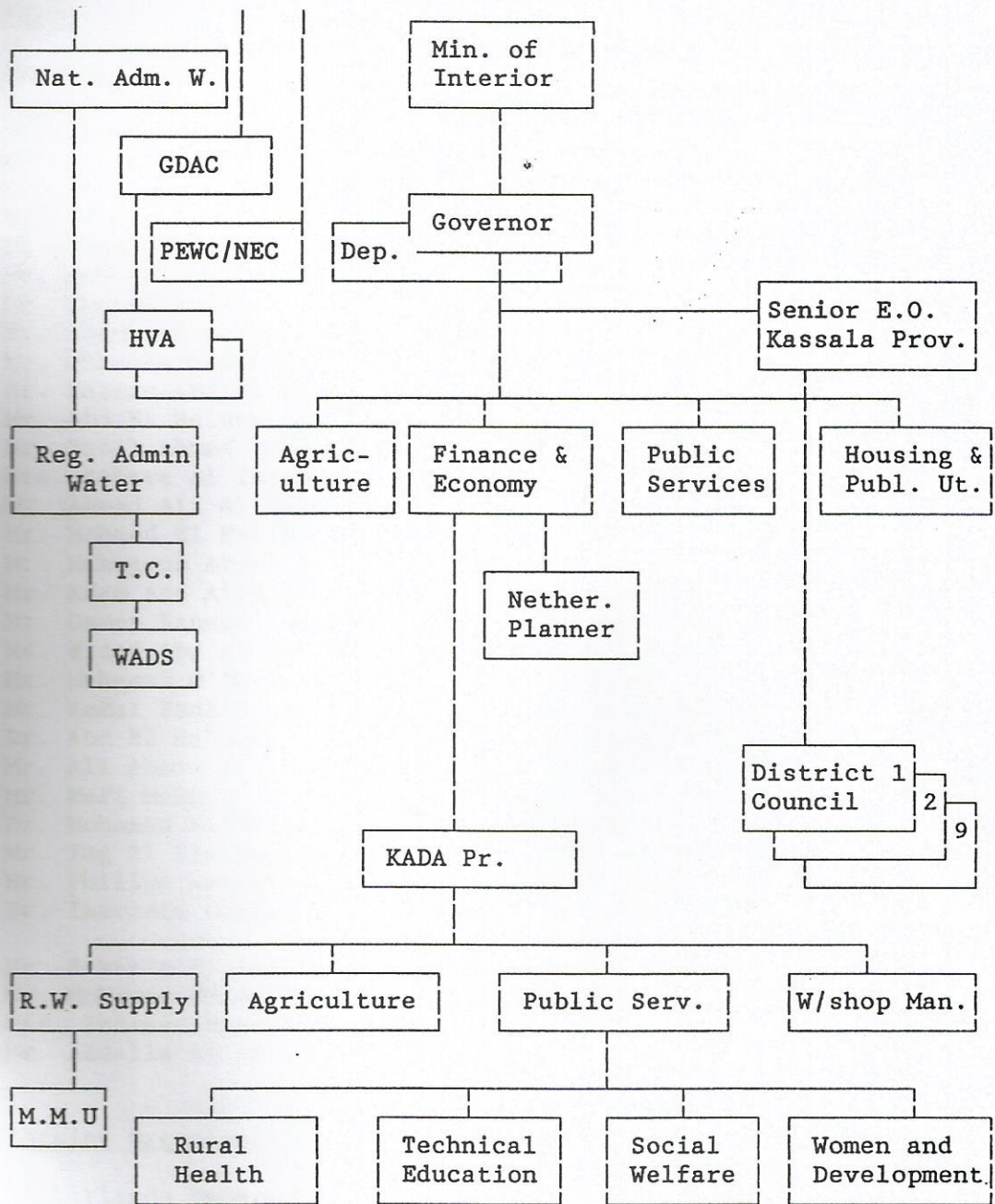
Name	Duration	Sector/sub-sector	Institution	Cost Ls.
Megam Eldeen Abdel Magid	11-03-89 - 11-06-89	Agriculture/water spreading	Tambool Centre for Training	900
Sabali Mohammed Salih	11-03-89 - 11-06-89	Agriculture/water spreading	Tambool Centre for Training	900
Tayeb Ibrahim Hamada	11-03-89 - 11-06-89	Agriculture/water spreading	Tambool Centre for Training	900
Hassan Mohammed Hussein	11-03-89 - 11-06-89	Agriculture/water spreading	Tambool Centre for Training	900
Tham Hamid Syedna	13-05-89 - 20-05-89	Women Activities	Khartoum/U.K.	350
Emel Badwi Mohammed	01-06-89 - 14-06-89		DSRC/Khartoum	1,310
Abdel Rahman Abass	01-06-89 - 21-06-89	Kassala District Council	DSRC/Khartoum	2,120
Abdel Gaddir Omer Hassan	01-06-89 - 14-06-89	Labour Office	DSRC/Khartoum	1,430
Mawal Abdel Hafiz	01-06-89 - 21-06-89	Agriculture/Horticulture	DSRC/Khartoum	2,120
Faki El Tayeb	01-06-89 - 21-06-89	Agriculture K.A.R.S.	DSRC/Khartoum	2,120
Osman Mohammed Ali	01-06-89 - 14-06-89	Ministry of Fin. (Budget Dep.)	DSRC/Khartoum	1,430
Samia Abdel Rahman	01-06-89 - 14-06-89	Ministry of Finance	DSRC/Khartoum	1,430
Muhammed Ahmed Adam	01-06-89 - 14-06-89	Ministry of Finance	DSRC/Khartoum	1,310
Safar Mohammed Farah	01-06-89 - 21-06-89	Ministry of Fin. & Planning	DSRC/Khartoum	2,120
Hassan Mohammed Ahmed	01-06-89 - 21-06-89	Ministry of Fin. (Budget Dep.)	DSRC/Khartoum	2,120
Mahi Khalifalla	01-06-89 - 14-06-89	Ministry of Fin. & Planning	DSRC/Khartoum	1,430
Hamza Ibrahim Hassan	01-06-89 - 14-06-89	Public Service - Gedarfe	DSRC/Khartoum	1,430
Madidi Abdu Elsayed	01-06-89 - 14-06-89	Agriculture/water spreading	DSRC/Khartoum	1,430
Magda Ahmed Abdu	01-06-89 - 14-06-89	Housing Planning	DSRC/Khartoum	1,430
Faki El Tayeb	04-04-89 - 18-04-89	Agriculture K.A.R.S.	DSRC/Khartoum	1,430
Shafa Abdel Karim	04-04-89 - 18-04-89	Cooperative Training Centre	DSRC/Khartoum	1,430
Hassan El Jack	04-04-89 - 18-04-89	Youth Training Centre	DSRC/Khartoum	1,430
Salah Ali Ahmed	04-04-89 - 18-04-89		DSRC/Khartoum	1,430
Mawal Abdel Hafiz	04-04-89 - 18-04-89	Agriculture/Horticulture	DSRC/Khartoum	1,430
Mustafa Gabir	04-04-89 - 18-04-89	Public Service Kassala	DSRC/Khartoum	1,430
Muhammed Ali Abdel Gadir	04-04-89 - 18-04-89	Public Service	DSRC/Khartoum	1,430
Fatima Abdalla Gayed	04-04-89 - 18-04-89	Public Service	DSRC/Khartoum	1,430
Abdalla Mohammed Ahmed	04-04-89 - 18-04-89	Public Service	DSRC/Khartoum	1,430
Salah Magzoub	04-04-89 - 18-04-89		DSRC/Khartoum	1,430
Ibrahim Ali Babiker	04-04-89 - 18-04-89	Public Service	DSRC/Khartoum	1,430
Osman Mohammed Abdel Rahman	30-11-88 - 30-12-89	Ministry of Fin. & Planning	Omderman Ahlia College	18,000
Fizza Ahmed Mohamed	01-09-88 - 01-09-89	Agriculture Head Office	Faculty of Economic U.K.	22,000
Safar Mohammed Farah	23-09-89 - 30-10-90	Ministry of Fin. & Planning	Diploma U.K.	24,000
Salah Abdel Magid	18-07-89 - 30-08-89	Agriculture/water spreading	Abu Haraz Collage	7,000
Mahi Khalifalla	03-09-89 - 14-10-89	Ministry of Fin. & Planning	DSRC/Khartoum	2,330
Fatih El Abwabi	03-09-89 - 14-10-89	Ministry of Fin. & Planning	DSRC/Khartoum	2,330
Muhammed el Amin Sobahi	03-09-89 - 14-10-89	Livestock Husbandry	DSRC/Khartoum	2,330
Khair Hag Ahmed	11-10-89 - 25-10-89	Cooperative Department	DSRC/Khartoum	2,330
Hadi Hamid	11-10-89 - 25-10-89	cooperative Department	DSRC/Khartoum	2,330
Mawal Bashir	15-10-89 - 15-12-89	Ministry of Fin. & Planning	DSRC/Khartoum	600
Samia Mohammed Ahmed	15-10-89 - 15-12-89	Ministry of Fin. & Planning	DSRC/Khartoum	600
Awad El Saeed	30-09-89 - 12-10-89	Agriculture	Dev. Studies & Research Centre	1,430
Muhammed Goma	04-11-89 - 23-11-89	Agric./waterspreading Gedarfe	Dev. Studies & Research Centre	1,430
Awad El Saeed	04-11-89 - 23-11-89	Agriculture	DSRC/Khartoum	4,110
Samir Mustafa	04-11-89 - 23-11-89	Ministry of Fin. & Planning	DSRC/Khartoum	4,110
Osman Hyder	25-11-89 - 14-12-89	Agriculture Unified A.E.	DSRC/Khartoum	1,430
Ahmed Mohammed Tahir	25-11-89 - 14-12-89	Finance	DSRC/Khartoum	2,330
Abdel Rahman Abass	25-11-89 - 14-12-89	Kassala District Council	DSRC/Khartoum	2,330
Muhammed Ahmed Mohammed	30-12-89 - 30-12-90	Finance and Planning	Omderman Ahlia Collage	17,700
Total				161,630

Annex V

OVERSEAS TRAINING STARTING FROM 01/04/89

Name of Participant	Name of Course	Kind of Course	Sector	Place	Duration	Cost Dfl.
1) A. Hakeem Ahmed El Hassan	Management of Agric. Knowledge System	M. Sc	Agriculture Extension Department	Netherlands Wageningen University	June 1988 June 1990	31.500
2) Abdalla Mohammed El Mosbas	Land Resources Management	M. Sc	Agric. Soil Dept.	U.K. Silsoe College	Oct. 1989 Oct. 1991	98.000
3) Abdalla Mohammed El Hag	Rural Extension	Short Course	Agric. Hort. Dept.	Netherlands Wageningen (I.A.C.)	July 1989 August 1198	2.500 As allowances only
4) Ilham Hamid Saydna	Rural Extension Teaching	Diploma	Agriculture	Netherlands Deventer College	August 1989 June 1990	31.000
5) Osman Banaga	Rural Development	Diploma	Planning	U.K. Bradord	Sept. 1989 Nov. 1989	30.000
6) Yousif Yagoub Mohammed	Agric. Project Planning	Short Course	Agriculture	U.K. Bradord	Jan. 1990 Mar. 1990	30.000
7) Halima A/Gadir Shana	Eco. & Social Dev. Planning	Diploma	Planning	Egypt National Planning Institute	Jan. 1990 Jan. 1991	N.A.

GOVERNMENT ADMINISTRATION



Annex VII

Distribution List of the Progress Report

<u>Name</u>	<u>Function</u>
Mr. Yousif Bashir Serag	His Excellency The Governor Eastern Region
Mr. Kamal el Din M. A. A/Kareem	Senior Exec. Officer KDC
Mr. Al Amin Abd Al Magid	Government Secretary
Mr. Yousif Yacob	D.G. Agriculture
Mr. Osman El Sayed Ali	D.G. Education
Dr. Osman Hussien Malasi	D.G. Health
Mr. Mohamed Ahmed Tahir	D.G. Finance and Planning
Mr. Hashim Mohamed Al Hassan	D. of Soil Conservation
Mr. Abdullah Mohamed Al Tom	D. Forestry Department
Mr. Mohamed Hussein Mohamed	R. Director of NCDRWR
Mr. Hassan Abd El Rahman	R. Director Water NUWC
Mr. Abd El Haleem El Hassan	D. Horticulture Dept.
Mr. Nabil Ahmed	D. Range and Pasture Adm.
Mrs. Zahara Al Tayeb	Asst. Senior Exec. Officer KDC
Mr. Ahmed Ali Al Malik	Senior Exec. Off. for Aroma D.C.
Mr. Mohamed El Fatih	D. Improvement Services KDC
Mr. Mahagoub Abdel Salam	Social Welfare
Mr. Adam Abd Alla Adam	D. Social Welfare
Mr. Osman Banaga	D. Regional Economic Planning
Ms. Widad Abd Al Motaal	MFEP, Dept. of Regional Development
Mr. Mahgoub O'Sheick	D. Statistics, Ministry of Finance
Mr. Kamal Fadl El Mola	D. Regional Survey Dept.
Dr. Abd El Rahman Ahmed	D. Dept. Regional Devt. MFEP,
Mr. Ali Ahmed Ali	D. Agriculture Services
Mr. Nafi Mahmoud	D. Public Services
Dr. Mohamed El Naseeh Osman	Agricultural Research Dept
Mr. Tag El Sir Mohammed	Head of Sudan Security
Mr. Philippe Samuel	KADA Coordinator, Khartoum
Dr. Izzeldin Omara	D. Family Planning & KADA Health Coordinator
Mr. Zakaria El Basha	Tech. Educ. Ministry of Education
Mr. Mohamed Saied	Tech. Educ. Ministry of Education
Mrs. Ikhlass Hussien	Women Dev. Coordinator
Mr. Abdalla El Hag	Agriculture Coordinator

Foreign Organization

Netherlands Embassy, Khartoum
World Bank, Khartoum
DHV, Holland
DGIS, Holland
DSRC, Khartoum
UNDP, Khartoum
WHO, Khartoum
UNICEF, Khartoum
VSO, Khartoum
EEC, Khartoum
WADS, Kassala