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ECONOMIC COMMISSION FOR AFRICA

REGISTER OF NEW AND PLANNED INDUSTRIAL PROJECTS
IN SELECTED AFRICAN COUNTRIES

FORWORD

This project register gives brief details of industrial projects at various stages of implementation - planning, construction, production - in selected African countries during the years 1968 to 1970 and it is hoped that the Government agencies concerned with industrial development will find it useful as a tool for their project planning and formulation activities.

The register was compiled from the information taken from a limited number of newspapers and periodicals and therefore no claim is made for its accuracy. In some cases it is possible that the information given is out of date.

It is planned that the register will be continuously up-dated and revised versions issued at regular intervals.

ALGERIA

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Timber factory at Bejaia	28,000 m ³ of various timber products	50,000,000 AD (Belgian firm is participating)	250	Contracts signed. Construction is expected to be completed in March 1972
2.	Petroleum refinery at Arzew	2.5 million tons	US\$ 70 million	n/a	Due to start up by the end of 1973
3.	Bicycle and motorcycle factory at Guelma	30,000 motorcycles 15,000 bicycles 5,000 engines for agricultural equipment	n/a	n/a	Project approved for implementation
4.	Aluminium smelter at Mostaganem	Approx. 60,000	£28 million	n/a	Feasibility study is being prepared by the UK concern - British Smelter Construction
5.	Industrial complex in Medea	Cast-iron foundry - 7,500 tons; steel foundry - 2,800 tons; bronze foundry - n/a; workshop for sluices: cast-iron - 3,000 tons steel; - 750 tons	131 million DA (including training & technical assistance for 2 years)	1000	Expected to start up in 1973
6.	Industrial vehicles factory in Roniba	4,550 vehicles	650 million DA	3000	Contract for the construction signed
7.	Methanol plant in Arzew	100,000 tons; synthetic resins for plastic sheetings	£3 million	200 workers	End of 1972
8.	Cement factory at Meftah	1 million tons	80 million dinars	n/a	Construction started
9.	Fruit & vegetable cannery in Ighil Izane	Treatment - 15,000 tons of fruit & vegetables	2675 million CFA	n/a	Due to be completed in 1972

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
10.	Fruit & vegetable cannery in Randame Jamel	Treatment - 15,000 tons of fruit and vegetables	2675 million CFA	n/a	Due to be completed in 1972
11.	Fruit vegetable cannery in Taher	Treatment - 12,500 tons	n/a	120 workers	Due to start up in 1972
12.	Fruit & vegetable in Fl Ksenr	Treatment - 12,500 tons	n/a	120	Due to start up in 1972

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Rolling shop in Edea (ingots to be imported) (Extension) (Export to Ivory Coast and UBFAC countries)	New capacity - 8000 tons of aluminium sheets per year. Further increase in capacity up to 14,000 tons/year	Total investment 940 mln. CFA Fr (French firm - d'Alucam)	45	Was expected to start up in the beginning of 1968.
2.	Shop for plastic goods in Douala (Raw materials to be exported from France (60%) Japan, Germany & Italy)	Various goods - 150 tons/year	10 million CFA Fr. (French participants)	n/a	Expected to start up early in 1968
3.	Factory for re-treading of tyres in Douala	20,000 tyres/year	54 million CFA Fr. (in 3 stages)	n/a	Agreed in August 1967
4.	Reconstruction of the existing factory for extraction of quinine in Eschang	n/a	136 million CFA Fr. (2/3 of share capital belongs to a private French firm)	n/a	Agreement signed in 1967
5.	Bag factory	2 million bags/year (3,700 tons)	367 million CFA Fr. (West German group)	500	Agreement signed in 1966
6.	Footwear shop & tannery in Bonaberi and Douala	n/a Leather treating production of leather & rubber footwear	495 million CFA Fr. (Swedish & Italian firms)	284	Under realization
7.	Glass factory in Douala (Paints and sodium carbonate are to be imported)	Bottles for beer, coca cola, etc. starting capacity 6000 tons/year Possibility of extension upto 12000 tons/year	250 million CFA Fr.	n/a	Under discussion and evaluation

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
8.	Sawmill in Kribi	10,000 - 15,000 m ³ of boards 10,000 - 60,000 m ³ of logs	215 million CFA Fr.	Initial - 200 Full capacity - 500	Construction started 1967
9.	Sawmill in Kribi	10,000 m ³ of boards	70 million CFA Fr.	75	Agreement signed in Sept. 1967
10.	Sawmill in Kribi	48,000 m ³ of boards 24,000 m ³ of twopy	102 million CFA Fr.	Starting - 78 Total - 120	Construction started in late 1967
11.	Sawmill in Mofou Mill for production of veneer sheets in Sanagha (near Yaoundé)	10,000 m ³ of logs 10,000 m ³ of products for veneer sheets	288,7 million CFA Fr.	316 (including 20 of managerial personnel)	n/a
12.	Plant for production of metal caps for bottles in Douala - Bossa	150 million units/year	Estimation is not over. Cost of equipment - approx. 60 million CFA Fr.	n/a	Feasibility study was completed. Was expected to start up in 1968. No further information is available
13.	Brewery in Douala	Initial production 25,000 hl - Total production - 40,000 hl. in 1974	860 million CFA Fr. (Guinness of Cameroon)	220 incl. 20 Administrative	Construction was started in 1968 (July). Production was expected to start up in 1969
14.	Cement factory in Figuil (80 km. to the North of Garoua)	Initial capacity - 22,000 tons Total capacity - 46,000 tons of cement per year	1,180 million CFA Fr. (CEMENTIR & Tchad Government)	125	Expected to start up in 1969
15.	Clinker Mill in Douala (Clinker is to be imported from Europe)	110,000 tons of cement/year by 1975	510 million CFA Fr. (CEMENTIR & Tchad Government)	55	Expected to start up in 1969

No.	Project	Annual capacity and products	Investment and Collaborator	Employment	Stage of Implementation
16.	Factory for shrimps canning (Export to USA) approx. in Douala	750-800 tons of frozen shrimps	350 million CFA Fr. incl. 190 million CFA Fr. for boats (Credits from USA)	n/a	Was expected to start up in June/July 1968
17.	Brewery in Douala	Initial production 55,000 litres	275 million CFA Fr. (25% Castelvin, France)	n/a	Due to start up at the end of 1970 or beginning of 1971

In 1967-1968 two following projects were under consideration on the level of feasibility studies.

1. Pulp mill with the capacity of 150,000 tons a year, near Idea, total projected investment - approximately 13,4 billion CFA Fr.
2. Two paper mills - with the capacity of 10,000 tons a year (4000 tons of cardboard, 3000 tons of printing paper, 2000 tons of packing paper and 1000 tons special printing paper) was proposed to be built by 1970 near Idea. Estimated investment is about 1895 million CFA Fr.
 - with the capacity of 15000 tons a year (the same composition of output) is proposed to be built by 1975 near Douala, estimated investment - 2,250 million CFA Fr.

CENTRAL AFRICAN REPUBLIC

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Sawmill in Nala	Starting ³ production 10,000 m ³ in 1969 - 30,000 m ³ 1972 - 50,000 m ³ Total capacity - 100,000 m ³	Initial investment - 100 million CFA Fr. Total - 200 mln. CFA Fr.	300	Was expected to start up in 1968
2.	Sawmill in M'Baiki	10,000 m ³ of logs	120 million CFA Fr. (French company G. Leroy)	100 inclu- including 1968 expatriates	Was expected to start up in early 1968
3.	Plant for veneer products in Lobaye	Initial ³ (1970) 3,000 m ³ Total - 10,000 m ³	400 million CFA Fr. (French company G. Leroy)	n/a	Construction was expected to start in 1969
4.	Knitted goods factory in Bangui (60 tons/year an expected to UDFAC) (All basic mater- ials are to be imported from Europe)	170 tons/year by 1977)	50 million CFA Fr. 45% of share capital belongs to Roserbaun Co. (Israel)	40 inclu- ding one expatriate	Production is expected to start up in 1972
5.	Hardware shop (Basic materials are to be imported from Europe)	Gas lamps, metal caps for bottles and hardware	Approx. 69 million CFA Fr. (group Behadex, Israel)	28 incl. one ex- patriate	n/a
6.	Assembling shop for radio & other equip- ment (components are to be imported from Europe & Israel)	Total capacity: Transistor radio - 10,000 units Record players - 500 units - Tape- recorders - 500 units	40 million CFA Fr. (Israeli group)	32 incl. one ex- patriate	n/a

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
7.	Complex of food processing shops	Capacity - flour - 8,000 tons	630 million CFA Fr. (West German firms)	140 including 5 expatriates	Production started up in February 1968
	a) Flour mill	Oilseeds - 7,500 tons	- credits 530 million CFA Fr.		
	b) Oilmill	Edible oils - 1,285 tons			
	c) Refinery	Technical oils - 1,595 tons			
	d) Soap mill	Soap - 3,110 tons			
	e) Feed mill	Feed - 4,582 tons			
8.	Feedmill in Bangui	Initial capacity 1,500 tons Total capacity - 3,000 tons	52 million CFA Fr.	8	Started in 1968
9.	Bag factory in M'Poko (jute to be imported)	1,000 tons/year	125 million CFA Fr.	80 incl. one expatriate	Construction began in 1968

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No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Milkshop in Fort-Lamy	1,000 l. of milk/day (Bottling, yogurt, cheese, cream)	Approx. 17 mln Fr. FA	n/a	Under realization
2.	Extension of flour mill in Fort-Lamy incl. a new bakery	Flour 5,000 tons/year in 1968, Bakery products - 1.5 tons/shift	Initial investment - 125 mln Fr. USA Additional (equipment) - 11 mln Fr. USA	n/a	Early in 1970
3.	Ceramic factory in Fort-Archambault	Bricks and tiles	43 mln Fr. USA	n/a	Started up
4.	Cigarette factory inoundou	250 tons of cigarettes and other tobacco products	120 mln Fr./first evaluation	n/a	First section started up in April 1969
5.	Slaughter house in Farcha	n/a	20 mln Fr. USA	n/a	Under the realization
6.	Sugar mill in Banda	15,000 tons/year with a possibility of extension up to 30,000 tons/years	2,500 mln Fr. USA	300	Construction was expected to be completed by the end of 1968
7.	Food processing complex in Fort Archambault	Meat - 3,000 tons/year, Tin meat - 2 mln tins (330 gr) year			
	a) slaughter house and conserve shop				
	b) Metal tin shop	Metal tins - 1,500 tins of different sizes/year; 100,000-150,000 skins/year	about 775 mln Fr. USA	n/a	Under realization
	c) Tannery				
	d) Footwear shop	200,000 pairs/year			

No.	Name of project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
9.	Oil mill in Bohicon	Ground nuts oil -- 15,000 tons/year	1,000 mln. Fr. CFA	n/a	Was expected to start production by the end of 1968
10.	Bakery in Cotonou	500 tons various floury products/year Starting production 250-300 tons/year	15 mln. Fr. CFA	20	Evaluation was completed by July 1969
11.	Paint producing shop	Paints (oil, water, plastic, etc) n/a	Total -- 40 mln Fr. CFA	n/a	Under construction
12.	Plastic goods factory in Cotonou	n/a For market in Dahomey, Togo, Upper Volta and Niger	98 mln. Fr. CFA	n/a	Evaluation completed
13.	Kenaf bag factory	5,160,000 bags/year 80% for export	1,000 mln. Fr. CFA with the participation of "Gardella Co." Italy	n/a	Was expected to start production by the end of 1968
14.	Cotton fabric printing plant	4 mln. m/year	500 mln Fr. CFA	120	Under construction was expected to start in January 1969
15.	Textile factory in Cotonou	5 mln. m/year (Cretonne) 3-4 mln. m/year (Cotton fabric)	1,800 mln. Fr. CFA With participation of Agache Willot (France)	n/a	Evaluation completed
16.	Complex : Sugar mill and plantation (in Mono)	15,000-20,000 tons/year in cooperation with Togo	3,000 mln. Fr. CFA	n/a	Consultations with the Government of Togo
17.	Oil mill in Agonvy (palmoil)	Initial capacity 16 tons/hour Total capacity 24 tons/hour	620 mln. Fr. CFA	n/a	Expected to start production in 1971

No.	Name of project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
18.	Footwear factory	Plastic and leather footwear	25 mln. Fr. CFA Bata Co.	n/a	Evaluation completed
19.	Plant for ananas treatment	Juice - 300,000 l/year Jam - 1,600 tons/year	n/a Forter International Co.	n/a	Proposal
20.	Plant for extraction of balm from pine wood seeds	n/a	n/a Forter International Co.	n/a	Development of plantations
21.	Oil mill in Glada	3,000 tons/year	135 mln. Fr. CFA	n/a	Expected to start production in 1969
22.	Complex of installations for fish treatment	3,000 tons fish products/year 1,000 tons shrimps/year	370 mln. Fr. CFA Nigerian Ibru Co. participating	n/a	Realization expected to start production in 1972
23.	Extension of ginning mills in Kandi In Savalou In Bohicon	Projected capacities 6,000 tons cotton seed/year 2,700 tons cotton seed/year 6,000 tons cotton seed/year	60 mln. Fr. CFA	n/a	Implementation
24.	Cement factory at Onigbolo	300,000 tons	£9 mln (Spanish firm - GOFEI)	n/a	Construction work has started
25.	Clinker crushing factory in Cotonou	Capacity 200,000 tons Output 100,000 tons	260 mln Fr. CFA	n/a	Inaugurated in November, 1970

C O N G O (B R A Z Z A V I L L E)

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No.	Project	Annual Capacity and Products	Investment and Collaborators	Employment	Stage of Implementation
1.	Match factory in Betou	20 mln boxes/year	310 mln Fr.CFA incl. 120 mln Fr.CFA for equipment	189	Was expected to start up in February 1969
2.	Gramophone record factory in Brazzaville	1 mln records/year	275 mln. Fr.CFA Japanese firm Nippou Gramophone Co. Cy. Ltd. Tokyo - 20%	n/a	In 1969
3.	Fish flour shop in Pointe Noire	5,000 tons/year	n/a	n/a	Was expected to be completed by the end of 1969
4.	Textile complex in N'Soko (near Brazzaville)	5,130 bales of cotton, thread; 2.0 mln of printed fabric 0.4 mln m. of bleached fabric, 0.56 mln m. of Khaki, 0.5 mln.m. of poplin	1,408 mln Fr.CFA (People's Republic of China provides credit and technical assistance)	1,220 in 3 shifts at present 410 incl. 13 Chinese	Production started in the middle of 1968
5.	Glass factory in Pointe-Noire	6,000 tons of bottles n/a	465.45 mln Fr.CFA (English firms are participants) Total	n/a	Started up the end of 1968
6.	Soft drinks factory in Brazzaville		Total investment - 165 mln Fr.CFA incl. additional investment - 40 mln Fr.CFA	n/a	Modernization in 1968
7.	Brewery in Pointe-Noire	Extension of capacity from 60,000 hl. up to 100,000 hl.	n/a	n/a	1969-1970

No.	Project	Annual Capacity and Products	Investment and Collaborators	Employment	Stage of Impelementation
8.	Sawmill in Ouesso	20,000 m ³ of board/s	n/a Group Lalanne	n/a	Project is under evaluation. If adopted this sawmill will replace the old sawmill in M'Birou with the capacity of 12,000 ³
9.	Dockyard in M'Pila	Wooden boats	n/a aid from China (CPR)	n/a	Works started
10.	Wood-pulp factory at the port Pointe Noire	Cardboard - 10,000 tons	n/a	300	Project approved
11.	Wood-pulp factory	250,000 tons	n/a	n/a	Proposed to be operational by 1977

No.	Name of project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
1.	Match factory	n/a	n/a Export to Togo and internal market in Dahomey	n/a	Proposal
2.	Linker grinding mill	100,000 tons/year	250 mln Fr. CFA	n/a	Construction started
3.	Refrigerator in Cotonou	Storage up to 300 tons of fish Ice production 15 tons/day	95 mln. Fr. CFA	n/a	Approved for realization
4.	Fish and shrimps treating factory in Cotonou	Total capacity - 650 tons of shrimps 300 tons of fish fillet, 800 tons of frozen fish	112 mln. Fr. CFA	223	Under realization
5.	Bicycle and motorcycle plant in Cotonou	Bicycles - 7,000 Motorcycles - 1,500	110 mln. Fr. CFA	50	Under realization
6.	Ginning mill in Djakotome	15,000 tons/year	275 mln. Fr. CFA	n/a	Evaluation completed
7.	Palmoil mill "Grand Hinvi" including plantations (8,600 ha) in Hinvi	1,000 tons in 1967 68,800 tons by 1979 } palm-oil	2,317 mln. Fr. CFA of which oilmill - 599 mln. Fr. CFA Financing : - 50% IBRD 50% FAC	approx. 1,400	Under realization 1st group into operation since 1959
8.	Agricultural co-operative in Houin-Agamé	6,000 tons palmoil/year	1,349,6 mln. Fr. CFA of which oilmill - 400 mln. Fr. CFA	n/a	Was expected to be into operation by March 1969

E G Y P T

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Steel Rolling Mill, Helwan - Two units one for cold steel sheet rolling and the other for hot steel sheet rolling	300,000 tons per annum by the end of 1972 - value E35 million	£F68,000 - The plant is built under a Soviet-Egyptian cooperation agreement and is considered as one of the largest in the Middle East. The Soviet Union is understood to have contributed F32 million in foreign exchange	n/a	Construction began in 1965 and the plant was opened in April 1969. The production of the new mill will feed 30 industrial plants and is estimated to save the UAR annually E15 million in foreign exchange
2.	Cigarette filter plant	6 million filters per day, sufficient for the production of 36 million cigarettes daily	£F600,000; The plant is affiliated to the NASR WOOL and Textile Company	n/a	Officially opened in August/September 1968
3.	Iron & Steel Complex, Helwan	1,250,000 tons of steel. Two additional blast furnaces to produce 1.3 million tons of cast iron Three oxygen-operated steel transformers with an annual capacity of 1.2 million tons of steel plates and sheets	£E360,000,000; The Soviet Union will subscribe £E70 million mainly in the form of equipment and technical services. Agreements are to be signed with other countries for a part of the remaining capital	n/a	Protocol signed by the UAR and the Soviet Union in May 1968. The complex is expected to start production in 1971. When it operates at full capacity by 1976/77 the Helwan complex will meet all the needs of the UAR for iron and steel and produce a surplus of 500,000 tons of steel and 250,000 tons of cast iron for export value at E47 million in foreign currency
4.	Textile mill; Alexandria	n/a	State Trading Corporation of India is to put up the mill - It has got a contract for the supply of machinery worth Rs.50,000,000	n/a	The mill is expected to be ready in 1969

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
5.	The Helwan Steel Plant (expansion)	Up to 1.5 million tons	£ E430 million USSR aid	n/a	Expansion approved
6.	Aluminium plant	100,000 tons	n/a	n/a	Construction approved
7.	Phosphate complex	200,000 tons of super-phosphates	n/a	n/a	Construction approved
8.	Ferro-silicon factory	20,000 tons	n/a	n/a	Construction approved
9.	Textile mills in Damietta	26,500 spindles 192 looms	£E3 million	n/a	Scheme inaugurated
10.	Compressed wood factory in Faraskur	Starting 1 million m ² Total 1.5 million m ²	n/a	n/a	Started up
11.	Textile factory in Sohag	152,000 spindles Output yarn 4746 tons	£6.6 million	n/a	Contract signed
12.	Textile factory in Assuit	152,000 spindles Output yarn 4746 tons	£6.6 million	n/a	Contract signed

G A B O N

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
1.	Flourmill, feedstuff factory and integrated poultry farm in Owendo and Libreville	500 tons of flour a day 150 tons of feedstuff 2 mln. of eggs/year 100,000 chickens/year	360 mln Fr CFA (Gabon Government will have 27.5% of shares) French Company Grands Moulins de Paris participant	65 including 47 workers at the flourmill	Was expected to start by the end of 1969. The installation of equipment was started in June 1969.
2.	Papermill in M'Bel	140,000 tons of paper products	14 mlrd. Fr CFA for the plant and 2.5 mln Fr CFA for plantations and other services. Gabon Government - 45% French Company "Parsons & Whittemore" - 45% Others - 10%	2000 workers	Project under evaluation.
3.	Clinker Mill in Owendo (There was a proposal to instal a kiln with the capacity of 100,000 tons)	50,000 tons of cement per year (export to Cameroun)	360 mln Fr CFA French group "Des ciments de Marseille" - 4.5% of share capital Gabon Government and others local partners - 20%	n/a	Under realization. Was expected to start up in June 1969.
4.	Brewery and soft drinks shop in Libreville (malt, maize and hop to be imported from Europe)	Starting capacity: 50,000 hl of beer 25,000 hl of soft drink Designed capacity 100,000 hl of beer 40,000 hl of soft drinks	400 mln Fr CFA	71 including 6 expatriates	Production started in May 1968.

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
5.	Explosive factory in Libreville	1000 tons of explosives 500 tons of dynamite	100 mln Fr CFA (only equipment) French Co. Ste. Française d'explosifs et de produits chimiques	n/a	Was expected to start up during 1968.
6.	Textile mill in Libreville (Basic fabrics is to be imported from the Far East)	5 mln of printed cotton fabric	470 mln Fr CFA	n/a	Under realization.
7.	Fertilizers factory at Port Gentil	nitrate fertilizers and chemical products	25,000 mln Fr CFA inc factory, port installations and gas distributing system	500 - 600 workers	Decision approved
8.	Textile complex in Libreville (Spinning works - 1st stage Weaving and bleaching factory - 2nd stage)	4,000 tons of spun thread	n/a (Groups Voyer and Abratex - Germany)	n/a	Agreement with French group Voyer signed

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
1.	Ghana cement works Takoradi	400,000 tons of cement	N¢ 3,000,000 joint State enterprise managed by the Norwegian cement Export Company	Over 200	Started full scale production in June 1968 output represents 70% of Ghana's requirements
2.	Flour factory, Tema	To process 150 tons of wheat per day and produce 2500 bags of 100 lbs weight of high quality flour	N¢ 1,000,000	n/a	Was expected to start production soon after Feb. 1968
3.	Flour factory, Tema	500 bags of wheat flour, each weighing 100 lbs, every day	Part of the Drevici complex	n/a	Was expected to start production by the end of June 1969
4.	Associated Industries (Ghana) Nd, Tema	Pharmaceuticals cosmetics, medicated powders, inhalers, blood tonics, laxatives, ointments and linaments	N¢ 500,000; subsidiary of Paterson Zochonis Ltd.	Over 200	Started production a little before september 1968
5.	Leather and Tanning Co. Ltd, Kumasi	Upper leather and sole leather for shoes and leather for suit cases, upholstery and hand bags	N¢ 200,000	n/a	Was expected to start production towards the end of October 1968
6.	Plywood and veneer mill, Sefwi Wiawso	Conversion of one million cw ft of logs per year into plywood and core veneers. Top quality plywood would be 7000 cubic meters and constructional veneers 30 million sq. ft.	N¢ 3,000,000; Gliksten (West africa) Ltd who have constructed the mill would invest 1/3rd of the total. The group has been primarily engaged in the timber trade of Ghana for over 20 years	About 200	The factory is scheduled to to into production in August 1969

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
7.	Oil palm processing factory, Pretsea	Milling 9 tons of palm fruit per hour	N¢ 1,000,000	n/a	Work on the construction of the factory commenced in 1969 but was suspended after the over-throw of the Nkruma regime. It was resumed again and was expected to be completed by march 1968.
8.	Oil palm processing factory; Asraku	3,500 gallons of palm oil per day	N¢ 1,000,000	n/a	Was expected to start full production in December 1968
9.	Paramount distilleries Ltd, Tanoso		N¢ 250,000; Financed jointly by Ghanaian and Swiss Businessmen	About 150	Was expected to start production in June 1969
10.	Pattal vehicle Assembly, Ghana	100 Toyota cars per month but will start with 50 cars per month	n/a	n/a	This is the consequence of a ban on the import of assembled cars. Was expected to begin production in July 1969.
11.	United textiles Ltd, Accra	15,000 yards a day of suiting materials such as Terrylene, Dacron and Teloron	N¢ 700,000	n/a	Was expected to go into production by the end of January 1968
12.	Garment factory, Unitex industries Ltd.	Singlets, blouses pants, sports shirts; jerseys and children wear	N¢ 1,000,000	n/a	Started production in October 1968. The factory has two sections one for knitting and one for weaving
13.	Prosan (Ghana) Ltd, Accra	Surgical cotton and allied products	N¢ 500,000	n/a	Was expected to start production in June 1963.

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
14.	Tema thread Co. Ltd, Tema	Thread for sewing hair pleating and garment making and yarn for Kente weaving	N¢ 1,200,000 Paterson Zochonis and Co. is interested	190 resing to 270	Was expected to start production by the end of 1968. A team of 12 technicians from the Federal Republic of Germany was expected for installing machines. The factory is capable of producing ghana's entire requirements of thread and 20% of the cotton yarn needed for Kente weaving
15.	Button manufactures, Accra	33,200,000 single buttons made up of shirt buttons, coat buttons and ladies buttons - all sizes and colours	N¢ 100,000	n/a	The factory went into production in February 1969. Some of the local garment manufacturing concerns are already being supplied by the factory. Ghana is expected to stop importation of buttons
16.	Union carbide (Ghana), Tema	Pharmaceuticals	N¢ 1,500,000	About 130 ghanaians	Started production a little before May 1969
17.	Eaaco Bicycle engineering Co. (Ghana) Ltd.	20,000 cycles and 10,000 Tricycles	N¢ 900,000 A joint venture	n/a	Was to go into production early in 1969. Arrangements were made to bring 14 Czech engineers to start the factory.
18.	Brewery, Tamale	Pito, a local drink	N¢ 400,000 The factory will be established by LONRHO	n/a	The commissioner for Industries stated that with the addition of this brewery to the main ones in Accra and Kumasi and others under construction, ghana's needs would be well provided for and that his ministry would not give approval for the establishment of any more breweries for a few years.

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
19.	Brewery, Cape coast	n/a	₵ 2,500,000 the project is being financed by a West German Company	n/a	Work on this factory has commenced
20.	Asbestos cement plant; Takoradi	23,000 tons of asbestos cement roofing sheets and ancillary products	₵ 1,778,000; Fulgurit of West Germany and the National Investment Bank will subscribe ₵ 510,000	n/a	n/a
21.	Extraction of quick lime, Duffor Gborhpo, volta Region	50 to 70 tons of lime per day paint industries, hospitals, mines, glass and other chemical industries	₵ 400,000	n/a	Ghana imports quick lime worth ₵ 600,000 per year This factory will meet Ghana's entire requirements and export drive will also start. Ghana has a huge deposit of "oyster shell", the raw material for the production of quick lime, in the volta basin and the factory will depend solely on this raw-material
22.	Saltpond ceramics Ltd, Saltpond	1,500 tons of wall tiles and 600 tons of sanitary ware per year, initially	₵ 592,000 equity capital subscribed by AGROL ANLAGENBAU GMBH, a West German firm, the Ghana National trading Company, the National Industrial Bank and the Union Trading Co. Ltd. The borrowed capital will be ₵ 1,261,800 Total capital ₵ 1,853,800	n/a	Construction was expected to start in June or July 1969

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
23.	Food specialities Ghana Ltd, Evaporated milk plant, Tema	When full production is reached foreign exchange worth N¢ 3 million a year would be saved	N¢ 2.3 million joint venture between the national Investment Bank and Nestle Holdings Ltd.	n/a	Construction of the factory was expected to start in June 1969
24.	Super Blades and metals manufacturing Co. Ltd, Accra	30 to 35 million razor blades annually, at the initial stage	N¢ 500,000	r/a	It is expected to export razor blades to neighboring African countries later.
25.	Kade match factory Ltd, expansion project	Expansion from 4,500 cartons a day to 18,000 cartons a day	Ghana entered into a partnership with SIFA, a French match making firm, in 1967 for running the factory which was already set up	About 200 laid off workers were employed	The increase in output will begin as soon as new machines, spare parts and raw materials arrive
26.	Ghana Sanyo Electrical manufacturing corporation, Tema, expansion project		N¢ 60,000 for extension; this is a joint venture between the govt. of Ghana and three Japanese electrical companies	n/a	Work has already started
27.	Manufacture of car batteries, Accra	Car batteries	N¢ 500,000 The factory will be built by British Batteries (overseas) Ltd, and will have financial participation from the Ghana National Trading Corporation, R.T. Briscoe (Ghana) Ltd and Africa Motors	n/a	Proposal under study

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
28.	Ghana textile Co. Tema, expansion project	Ginnery and expansion of production from 32.35 m. yards to 45 m. yards	Ghana textiles manufacturing Co. a Hongkong firm with a factory at Tema plans to set up a cotton ginnery there and to increase factory capacity	n/a	Plan completed. The capacity is to be raised to 60 m. yards in 1970. The company is also planning to produce synthetic fibre
29.	Spinning and weaving factory, Accra	n/a	NG 1,000,000 Unitex Industries is to establish this factory	n/a	Govt. approval awaited
30.	Ceramics factory at Saltpond (Sanitaryware including wash-basins, toilet-bowls, toilet cisterns)	Initial production wall tiles 1,500 tons Sanitaryware 600 tons	NC 300,000 (National Investment Bank AGROB of Munich)	Over 500	Construction started
31.	Car assembly plant at Takoradi	n/a	n/a (Renault, Peugeot, Leyland Motor Co.)	257 including 7 expatriates	Production is due to start up in mid-1971
32.	Cassava processing factory at Aburansa	Gari, tapioka, animal feed, starch	NC 60,000	n/a	Construction started

GUINEA

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Cement factory in Lebekere	100,000 tons	£ 5.7 million	n/a	Construction started, operation is due to start up in 1972

I V O R Y C O A S T

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Electric bulbs plant	40-50 mln. units	Union carbide (USA) 600 mln. CFA total USAID credit - 152.5 mln. Ivory Coast Development Bank - 200 mln CFA	n/a	Considered
2.	An enterprise for production of essence and concentrated juices	5 tons fruit/hour Essence 56 tons/ year (1970) Orange juices 625 tons/year Pertin 970 tons/ year	Ivory Coast Govern- ment - 1/3 SIAN (France) - 1/3 Other European firms - 1/3 Total - 330 mln CFA	1,000 persons (including agricultural workers on the plantation)	Realization (1969)
3.	An enterprise for production of cola (for export) distillation of aromatic essences and confectionery	Essence 50 tons/ year Orange juice 400 tons/ year	Total 250-280 mln CFA Bank for Industrial Develop- ment and private sources	1,000 workers incl. the plantation	Evaluation
4.	A complex of bakeries and confectioneries	6 ton/day bread and other 4 ton/ day - biscuits 2.5 ton/day - candies	Mills of Abidjan (GMA) Mills of Chad (GMT) Mills of Dakar (GMD) Total investment 320 mln CFA	103 employees (3 expatriates)	Realization

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
5.	An enterprise for production ceramic building materials	Total capacity - 30,000 tons Production - 25,000 tons of which: Bricks - 16,000 tons special bricks - 3,000 tons standard bricks - 2,000 tons Others - 4,000 tons	Total - 360 mln CFA Bank for Industrial Development - 120 mln CFA Share holders - 120 mln CFA Credits - 120 mln CFA	50 persons of which 5 expatriates	Was expected to be put into operation in July 1968
6.	An enterprise for cocoa beans treatment	40,000 - 50,000 tons cocoa beans a year	350 mln CFA (project estimation) Proposed as a second enterprise of (USA)	n/a	Evaluation
7.	An enterprise for production paper goods	300 tons/year (capacity) 10 mln copybooks Initial production 150 tons/year	Company's capital - 30 mln CFA. Credit from Bank for Indus- trial Development - 50 mln CFA. Total 80 mln CFA of which material - 50 mln CFA	n/a	Construction
8.	Ceramic plant (including sanitary equipment)	2,000 tons/year	Total investment - 600 mln CFA. (Participants - Italy)	162 employees	Design
9.	Enterprise for sausage production	n/a	Ward Woods (USA)	n/a	Proposal
10.	Enterprise for chocolate production	1,500-2,000 tons/ year	100-150 mln CFA (SACO)	n/a	Construction

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
11.	Extension of the existing enterprise for ananas treatment	Preserved - 55,000 tons/year Juice - 8 mln l.	Total investment 800 mln CFA	n/a	Construction
12.	Enterprise for the preservation of ananases	Treatment of 20,000-30,000 tons/year	For total capacity 600 mln CFA Part, West Germany	n/a	Realization
13.	Enterprise for freezing and treatment of shrimps	n/a	Total investment 300 mln CFA of which buildings and processing equipment - 100 mln CFA Ships - 5 - 200 mln CFA	n/a	Evaluation
14.	Ginning house in Seguela	14,000 tons/year of cotton seed	200 mln Fr.CFA (estimation)	n/a	Evaluation
15.	Ginning house in Mankono	12,000 tons/year cotton seed	200 mln Fr.CFA		Construction
16.	Slaughter house with refrigerator	Refrigeration 11 tons/day Conservation 3 tons/ day	n/a Approx. 8 mln Fr.CFA	n/a	Construction
17.	Enamelware factory	1,000 tons/year (initial) 2,000 tons/year (capacity)	150 mln Fr.CFA Hong Kong promoters	n/a	Existing since 1969
18.	Extension: installation of automatic line for production of tins	25 mln tins/year	57 mln Fr. CFA of which bildings and others - 27 mln Fr.CFA	n/a	n/a

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
19.	Fertilizer plant	61,000 tons/year Superphosphate - 6,000 tons Sulphate ammonia - 20,000 tons NP - 20,000 tons NPR - 15,000 tons	1,500 mln Fr.CFA France - W.Germany	115	Construction
20.	Refrigerator in Port Abidjan	The production of Ice 100 tons/day Storage - 400 tons (0°C) 400 tons (-5°C) 3,000 tons (-20°C) Pre-refrigeration 120 tons (0°C) Freezing 60 tons/day	Share capital - 100 mln Fr.CFA	n/a	Construction
21.	Oil mills Eloka La Toumanguie Ehania Tiegba L'Anguededou Bolo Boubo Soubre	20 tons/hour palm oil) 30 tons/hour) 60 tons/hour) 40 tons/hour) 30 tons/hour) 20 tons/hour) 30 tons/hour) 30 tons/hour)	1,371 mln Fr. CFA 1,289.6 mln Fr. CFA 5,166.5 mln Fr. CFA	n/a) Operation in 1969) Starting in 1970)) Evaluation)
22.	Enterprise for production of lubricants	5,000-6,000 m 3/years	130 mln. Fr. CFA Private USA	n/a	Construction
23.	Grain mill in Bouake	15,000	n/a	n/a	Full capacity by 1970

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
24.	Extension of a grain mill in Abidjan	15,000 tons	n/a	n/a	Full capacity by 1970
25.	Plant for nuoc-mam products in Abidjan	Initial capacity 400,000 1 possible capacity 1,200,000	45 mln Fr. CFA.	n/a	In operation since October 1968
26.	Bakery in Abidjan	2,500-3,000 tons/year	Estimation - 50 mln Fr. CFA with the participation of a French firm	n/a	Under consideration
27.	Oil mill	Products: food oils soaps stearin	Total investment 2,234 mln Fr. CFA	n/a	Under consideration
28.	An enterprise for production and repairs of radiators	Capacity - 50 radiators/day 15,000 batteries/year Production 150 radiators/day (repairs)	100 mln Fr. CFA	80 - at full capacity 20 - at present time	Working
29.	Plant for production light metal sections and reinforcement bars in Vridi	12,000 tons/year (light metal structures) Full capacity - 30,000 tons/year	350 mln Fr. CFA Credits from Italian firms	36	Put into operation in June 1968
30.	Sugar mill	20,000 tons/year	2,500 mln Fr. CFA	n/a	Under consideration
31.	Sugar mill	20,000 tons/year	2,500 mln Fr. CFA	n/a	Under consideration

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
32.	Extension of the textile factory in Bouake	Up to 6 mln m. cretonne/year Printing shop - 3 mln m/year Spinning mill - 7,200 tons/year	800 mln Fr. CFA	n/a	Under realization
33.	Textile factory including spinning mill a printing shop in Bouake	2,200-2,400 tons/year	1,200 mln Fr.CFA	600	Extension of existing enterprise
34.	Textile factory in Bouake	600,000-700,000 m/year Synthetic fibres	280 mln Fr. CFA	n/a	1969
35.	Textile factory in Dabou	Initial capacity 5 mln. m Total capacity 8 mln m	3,200 mln Fr. CFA Initial stage 1,300 mln. Fr.CFA	Total - 528 including Expatriates - 26	Under realization
36.	Plant for galvanization metal roof sheets	Starting production 12,000 tons/year Total capacity 18,000 tons/year	350 mln Fr. CFA	n/a	Approved for construction
37.	Plant for treatment of latex in Dabou	Starting capacity 2 tons/day projected capacity 10 tons/day by 1970 and 20 tons/day by 1972	68 mln Fr..CFA	35	Started in 1968
38.	Plant for cement pipes production in Abidjan	Projected capacity 7,800 tons - 15,000 tons/year	350 mln Fr. CFA for 15,000 tons production	n/a	Proposal

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
39.	Plant for assembling and servicing cars in Abidjan (Japanese models)	n/a Pick-ups up to 1.2 tons lorries 5 and 10 tons	55 mln Fr. CFA	n/a	Evaluation
40.	Plant for production of bottles near Abidjan	5,000-6,000 tons/year	600-700 Fr. CFA French participation	n/a	Evaluation
41.	Plant for treatment of milk	Milk - 5,000 - 10,000 l/day dry milk - n/a	100 mln Fr. CFA with the participation of Upper Volta	n/a	Construction expected to begin in 1970
42.	Plant for production of tubes and tyres	n/a	600-1,000 mln Fr.CFA Michelin	n/a	Evaluation
43.	Plant for production of carton boxes and paper bags	10 mln carton boxes 10 mln paper bags	400 mln Fr. CFA	n/a	Evaluation
44.	Tannery	45,000 skins/year	150-170 mln Fr. CFA	n/a	Evaluation
45.	Plant for treatment of latex in Abidjan	5,000-8,000 tons/ year	93 mln Fr. CFA	n/a	Extension of existing plant
46.	Plant for treatment of latex in Bongo	3,500-4,500 tons/year	n/a	n/a	Extension of existing plant
47.	Plant for production of granulated rubber in Fakidie	1,000-2,000 tons	120 mln Fr. CFA	n/a	Extension of recently built plant

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
48.	Paper mill in Yao	Capacity - 25,000 tons/year Output - 15,000 tons/year (paper for writing and printing - 10,000 tons/year craftpaper)	6,000 mln Fr. CFA W. German firm Krupp	n/a	Evaluation
49.	Furniture factory in Bouake	n/a	100 mln Fr. CFA	n/a	Evaluation
50.	Textile complex in Dimbokro	12,500 tons of cloth	9,000 mln Fr. CFA	n/a	Agreement signed
51.	Dry battery factory in Abidjan	110 mln batteries	500 mln Fr. CFA Union Carbide Co. USA	n/a	Agreement signed
52.	Sugar complex	Sugar 50,000 tons by 1973	£14 mln	n/a	Agreement signed
53.	Agro industrial kenaf growing complex	saks, ropes, strings mats 16,000 tons	5,000 mln Fr. CFA	10,000 agricultural workers 1,000 industrial workers	Construction begins in 1971
54.	Condensed milk factory in Abidjan	3,000 tons (150,000 tins)	180 mln Fr. CFA (CAPRAL-NESTLE)	n/a	Establishment approved

No.	Project	Annual Capacity and products	Investment and Collaborators	Employment	Stage of Implementation
55.	Condensed milk factory	4,000 tons (200,000 tins)	500 mln Fr. CFA France - Lait: CFCD and ODIC	n/a	Proposal
56.	Condensed milk factory	n/a	Frisland Holland	n/a	Proposal

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
1.	Mwca Tabere rice mill	10,000 tons of rice paddy. The plant consists of 2 rice mills and one par-boiling unit	£K. 110,000; capital supplied by African Projects, a consortium between OTTO WOLFF AG, KOELN and JOS HANSEN and SOEHNEGMBH of Hamburge	n/a	The mill was opened in in February 1969. It is expected to handle about two thirds of the rice grown in the MWCA TABERE-THIBA irrigation settlement
2.	"Vibox" factory, at LIJURU near Nairobi	n/a	£K. 65,000; The plant belongs to Bata Shoe Co. (EA) Ltd,	n/a	The plant was officially opened in March 1969. "Vibox" is a highly developed form of man-made material
3.	Bamburi Portland cement Company	Expansion project to raise cement capacity from 500,000 tons to 700,000 tons a year	£K. 500,000; Investment will cover a new deep water berth and a raw mill	n/a	Kenya's demand for cement has been rising from 148,000 tons in 1966 to 194,000 tons in 1967. It is expected to be 230,000 tons in 1968. In 1965 and 1966 Kenya was the largest exporter of cement in Africa. Competition expected from UAR, Israel, Iraq and South Africa
4.	Flamingo textile Industries Ltd, Nakuru	10 m. yards of polyester cotton blends a year	£K. 2,700,000; The West German firm, FRAUENLOB and WIPPERMANN, is interested	Initially between 800 and 1,000 persons	Work on construction was to start in August 1968. There is no other Company in East Africa manufacturing poly-ester cotton blends. The Company propose to build a plastic factory when the textile plant is completed

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
5.	Textile mill ELDORET	Initially 14.5 m. yards of a wide range of cotton cloth : high quality drill, twill, shirting poplins and dress prints. There is provision to double the output later	£K. 3,225,000; MAURER TEXTILES of Switzerland with financial participation from the Industrial and Commercial Development Corporation will construct the plant	n/a	Plans were completed in August 1968. The processing plant will have complete bleaching, dyeing, printing and finishing sections with mercerising and sanforising. The plant is expected to yield to the Kenya Govt. £K. 3.5 m. in 10 years through tax revenue
6.	Steel bar and rod mill, MARITINI near KOMBASA	36,000 tons of bars and rods per years. Annual turnover £K. 1,250,000	£K. 750,000; This is a joint venture by East African wire Industries Ltd, and the Development Finance Company of Kenya	n/a	Construction was to have started in the latter half of 1968 and trial production was expected in mid 1969
7.	Woollen mill, Eldoret	Knitting wool	Raymond woollen mills (Kenya) Ltd, has interest in the project	n/a	Was scheduled to start production in October 1968. Because of the imposition of import restrictions on knitting wools costing Shs 25.00 per lb. C.I.F. and the consequent depletion of stocks immediate demand for local wool was expected
8.	Confectionary	n/a	The British Trebor Sharps organisation interested. Its products will be manufactured by the LAKHANI group of companies	n/a	Plan approved. Products to be made in Kenya, Tanzania and Uganda

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
9.	Elson Plastics, of Kenya Ltd,	Water pipes, PVC conduits, soil pipes, drain pipes and plastic packaging materials	ICDC will hold 40 % of the capital and the English Finance and Development Co. Ltd, in partnership with-SEKISUI chemical company Ltd, and MIISUI and Co. Ltd, of Japan will hold the balance of 60%	n/a	Agreement signed
10.	Lubricating oil plant, Mombasa	Expansion project	£K. 4,000,000; This is a plant of the East African oil Refineries Ltd, jointly owned by BP, caltex, Esso and shell	n/a	Construction is planed to start by the end of 1969 and the plant is expected to be in production by 1972
11.	Philips multi-purpose factory complex, Nairobi	Light bulbs and records and professional electronic equipment	£K. 400,000; The complex will be owned by philips Electric Lamps (EA) Ltd, and will have three subsidiary companies : a) Associated sound (EA) Ltd, b) Philips kenya Ltd, and c) Twentsche overseas trading Co. (EA) Ltd.	n/a	Plans have been formulated

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
12.	Paper factory, Broderick Falls	45,000 tons of paper	£K. 10,000,000 A joint venture between Birla Brothers (Private) company of India, the International Finance corporation and the Kenya Govt.	About 1,000 persons	Feasibility report has been approved and the project is under consideration. The Production would be sufficient to satisfy the entire local consumption and leave a good margin for exports
13.	Pulp and paper factory at Broderick Falls (see No. 12)	n/a	£13 mln. (Orient Birla Mills of India, International Finance Corporation and some other foreign firms)	More than 1000	Project approved by the Kenya Government. Due to start up by 1973
14.	Oil Refinery at Mombasa (expansion)	Increase by 10% (250,000 tons)	£K800,000 (BP, Caltex, ESSO, Shell)	n/a	Works started in April, 1970
15.	Firestone tyre factory in Nairobi	Tyres and tubes - 150,000	£5.5 mln. (Firestone Tyre and Rubber Co. of Akron Ohio, USA - 50% shares)	n/a	Due to start up in 1970
16.	Steel-rolling mill at Miritini	Full capacity - 36,000 tons Round and square bars angles, flat-iron and wire-rod coils.	£ 1 mln.	Initial - 100 Full capacity - 300	Full scale operation is due in 1971.
17.	Sea fish storing and processing plant in Nairobi	Canned and processed fish	1 300,000 joint venture 2 Japanese firm, a British firm & ICDC of Tanzania	800 workers	Construction started

L E S O T H O

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Shoe factory	n/a	{ R. 250,000	n/a	Approved
2.	Electrical fittings factory	n/a	{ Italian firms & LDC		
3.	Steel windows, doors and frames plant	n/a	R. 250,000 Maseru	Initial - 50 Estimated - 300	No fixed date was given
4.	Fertilizer plant	n/a	n/a	n/a	Construction was expected to
5.	Brewery	n/a	n/a	n/a	have started
6.	Furniture factory	n/a	n/a	n/a	

LIBERIA

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Iron-ore washing and treatment plant Buchanan	Increase by 2 m tons of iron ore production a year	\$52 million (owned by Lamco)	n/a	Inaugurated in April 1968
2.	Food processing plant	n/a	n/a	n/a	Proposal made in 1969 by the British National Export Council
3.	Clothing factory				
4.	Paper bags and carton factory				

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Petrochemical plant near Benghazi - Ammonium plant - Carbon plant	1,000 tons/day 20,000 tons/year	n/a	n/a	Results of the survey positive
2.	Oil refinery near Tripoli	40,000 barrels daily	n/a	n/a	Construction is due to be started in mid 1970 and will take about 2 years
3.	Sardine factory	n/a	£L400,000 (Owners German & Standard Norwegian firms)	n/a	Works started
4.	Sardine canning factory	10 tons per day initially	£L435,000	n/a	Plans approved
5.	Plant for the production of Ammonia	220,000 tons of ammonia per year. It will be doubled in two years time	The Plant will be built by the Occidental Petroleum Corp: Ltd. in return for two new concessions in Libya	n/a	The plant is scheduled to be completed sometime in the latter half of 1970. It will use natural gas from the Libyan Oilfields and Spain is expected to purchase the bulk of the product
6.	Gas processing plant (liquid gas)	Naphtha, Butane and propane	£L60,000,000; Owned by the Occidental Petroleum Corp: Ltd.	n/a	The plant is expected to export its first shipment of Naphtha, Butane and Propane in 1970
7.	Water desalination project, Agedebia	-	Joint venture between the Libyan Govt. and the Occidental Petroleum Corp: Ltd.	n/a	Agreement reached
8.	Water desalination project, Benghazi	The biggest desalination project in the world 19 m. litres of sea water a day	£L890,000; Boby William & Co. a British firm is to carry out the project	n/a	The plant is expected to be commissioned in the middle of

M A L I

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Cement factory in Bafoulalé	Capacity - 30,000 tons	1,850 million FM USSR credits	n/a	Construction was expected to begin in August 1966 and production in 1969
2.	Ginning house in Fana	28,000 tons/year	365 million FM (182,5 mln FR CFA)	n/a	Was expected to start by the end of 1969
3.	Jute factory	7,000 tons of jute fibres/year	n/a	n/a	Experimental works proposal
4.	Assembling factory for agricultural equipment in Bamako	Ploughs - 650 units Multicultivators - 3500 units Carts - 3000 units	150 million CFA Fr. (French industrialist 30% of investment)	n/a	Evaluation
5.	Textile complex in Bamako consisting of: Spinning mill Weaving Mill Printing Shop	n/a	2,500 million CFA Fr. (French company Agache-Willot)	700	Expected to start up by the end of 1970
6.	Groundnut Oil mill in Toukoto	n/a	n/a Federal Republic of Germany (Aid)	n/a	Proposal
7.	Sugar refinery in Sikasso	1000 tons of sugar cane a day	n/a	n/a	Proposal
8.	Dairy products factory in Bamako	4,000 - 6,000 l of milk/day	n/a FAO & UNICEF	n/a	Under construction
9.	Flour mill in Tienfala	7,200 tons	n/a CSSR Aid	n/a	Construction is over. The production is not started yet
10.	Ceramic factory in Djikoroni (extension) production started in 1966	Present capacity - 550 tons/year Proposed - 2,500 tons/year	n/a North Korean Aid	n/a	Proposal
11.	Knitted goods factory in Bamako	n/a	n/a North Korean Aid	n/a	Proposal under discussion

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
12.	Textile company	Thread 800 tons Cloth 1250 tons	n/a	1400 workers	Operating
13.	Radio electric construction of Mali	12,000 radios and tape recorders	n/a		Operating
14.	Textile factory in Bamako	8 million metres of natural and printed cloth	Estimate - 4,590 million FM	700	Construction started
15.	Cement factory in Diamou	Cement 50,000 tons	n/a	n/a	June 1970
16.	Abatoir with	Meat 9,500 tons	n/a	n/a	Started up
17.	Mali Tanneries	Hides 20,000 ps Shoes 35,000 pairs	n/a	n/a	Operating
18.	Ceramic factory at Djikoroni	Crockery, sanitary equipment, tiles, jars	330 million CFAFFr.	n/a	Operating
19.	Tobacco & matches factory	Cigarettes (turnover 1300 mln Fr FM (1969) matches turnover 110 mln FM (1969)	n/a	550 workers	Operating
20.	Cannery	Canned tomatoes and other products	n/a		Operating
21.	Oil products of Mali	Groundnuts oil 10,000 tons Household soap 4,000 tons	n/a	350 workers	Operating
22.	Sugar works at Dougabougou	Sugar 6,000 tons Alcohol 500,000 lt	n/a	170 workers incl. 10 Chinese	Operating

M A L A W I

No	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Oil company of Malawi	The range of fuels includes regular and premium petrols, diesel oil, paraffin, brake and shock absorber fluid and normal motor oils and greases	The farmer's marketing Board are the sole agents in Malawi for "oil Com" products	n/a	The work on the three storage depots- with a total capacity of 250,000 gals. was completed in February 1968. Four filling stations were also complete and several others were to be opened within a short time
2.	Advanx Ltd.	13 ton mixing mill to mix the rubber components needed for re-treading tyres	n/a	n/a	The mill was installed in August 1968. It will free Advanx Ltd. from dependence upon imported pre-mixed rubber components. The mill will also be able to mix rubber materials from a wider range of formulae for wider range of formulae for such products as general mechanical components, footwear, flooring and foam rubber
3.	Bata shoe Co. (Malawi) Ltd. Blantyre Industrial Area	5,000 pairs of shoes per day of which 2500 pairs would be canvas shoes	£ 180,000	n/a	Production started in September 1968
4.	National Oil Industries Ltd.	Rice Milling	n/a	n/a	Milling operations started in July 1968. This is the second largest rice mill in Africa
5.	David Whitehead & Sons (Malawi) Ltd., Blantyre	Expansion programme for manufacturing printed dress material; 104 looms installed	£600,000; LOWENO group acquire Whitehead share in the company	About 880 Malawians are being trained expatriate staff is also being recruited	The plant is expected to be in operation by the end of 1969
6.	Carlsberg Brewery, Blantyre	35,000 to 40,000 hectolitres of beer per year	£1,000,000; This is a joint venture between the Malawi Corp. and Carlsberg Denmark	n/a	Has officially opened in December 1968. It will supply most of Malawi's home needs and produce sizeable surplus for export (This is the first time that Carlsberg beer has been brewed outside Denmark)

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
7.	Southern Bottlers Ltd. Blantyre	n/a	£100,000	n/a	Bottling plant for the distribution of Carlsberg beer was completed in the beginning of 1969
8.	Chibuku Products Ltd., Blantyre & Limbe	Traditional beer	£351,000	n/a	Production was scheduled to begin by the end of 1968
9.	Shell (Malawi) Ltd., Blantyre	Liquefied petroleum gas	£11,000	n/a	The plant was installed in January 1969 and comprises of two storage tanks, each of 7,100 gallons capacity together with ancillary equipment
10.	Consolidated Textiles, Madirande in the Blantyre area	All quantities of blankets	£100,000	About 200 Malawians	-
11.	Rice Mill, Blantyre	15,000 short tons of paddy per year	£100,000; The mill will form part of the National Oil Industries Ltd.	n/a	The tender for the construction of the main building of the plant was awarded to Allied Steel (Malawi) Ltd. in the first half of 1968
12.	Fish and meat canning plant at Salima	10,000 cans/day	£100,000	n/a	April 1971
13.	Cement factory (extension)	New raw mill and a new kiln	£300,000 (Portland Cement Co.) £700,000 for a new kiln	n/a	Due to be completed in 1972

M A U R I T A N I A

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Match factory in Nouakchott	1,000 - 1,500 standard boxes a year	n/a	n/a	Proposal
2.	Meat packing factory in Kiffa	Beef - 10,000 tons/year Meat extracts - 300 tons Mutton - 5,000 tons	1,350 million CFA Fr. credit from Yugoslavia	n/a	Proposal
3.	Fish processing factory in Port Etienne	Fish flour - 1,500 tons/year Fish fats - 2,000 tons/year	441 million CFA Fr.	n/a	Was expected to start up in July 1968
4.	Fish processing factory in Port Etienne	Salted and dried fish - 6,000 tons Fish flour - 2,000 tons Tinned fish - 6,000 tons	Share capital - 500 million CFA Fr. Spanish firms are participants	n/a	Was expected to start up by the end of 1967. The exact date is not known
5.	Fish processing factory in Port Etienne	Salted fish - 200 tons Frozen fish - 1,200 tons - 1,500 tons Sub-products - 500 tons	Total - 350 million CFA Fr. Realized investment 145 million	50 (in 1965)	Active capacity approximately 2,000 tons in 1965
6.	Fish processing factory in Port Etienne	n/a	400 million CFA Fr.	n/a	Prefeasibility study was completed in 1967
7.	Sugar mill with refinery in Nouakchott	Refined sugar - 18,000 tons/year	900 million CFA Fr. Grands Houllins de Paris (France)	n/a	Proposal

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
12.	Refinery at Sidikacem	800,000 tons	£2,651,000	n/a	Contract signed
13.	Refinery at Mohammedia (extension)	up to 2.5 million tons	n/a	n/a	Contract signed

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Sugar refining factory east of the country	n/a	n/a	n/a	Under construction
2.	Sugar refining factory east of the country	n/a	n/a	n/a	Under construction
3.	Rubber tyre factory in Casablanca	225,000 tyres	US\$7.5 million (first stage) (Goodyear Co. USA)	373 workers	Agreement signed
4.	Rubber tyre factory at Casablanca (extension)	n/a	General Tyre Co. USA	n/a	Planned
5.	Synthetic fibres plant	n/a	210 million D. Enka, Dutch firm	n/a	Construction approved
6.	Car assembly unit near Casablanca	12,500 vehicles	Renault	500 workers	Construction approved
7.	Pefinery in Sidi Karem (extension)	n/a	n/a	n/a	Approved
8.	Pefinery in Mohammedia (extension)	n/a	n/a	n/a	Approved
9.	Car assembly unit	n/a	Peugeot	n/a	Agreement signed
10.	Sugar works - sugar is to be refined at the plant at Casablanca	4,000 tons of beet a day	n/a West German Group BMA - BWLUCKS	n/a	Due to start up in June 1971
11.	Sugar works in Sidi-Bennour	27,000 - 30,000 tons	n/a	n/a	Started up

N I G E R

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Flour mill in Niamey	3,000 kgs. of flour per day	12 million CFA Fr.	10	Was expected to start production in 1968
2.	Shoe factory (extension of the existing enterprise "SONIPLA") (Basic chemicals for production are to be imported from France and Italy)	500,000 pairs (leather, plastic and rubber). Reserve capacity up to 1.5 million Starting capacity - 195,000 pairs	12 million CFA Fr. of which equipment - 6.2 million CFA Fr.	41	Works for extension started in 1968
3.	Match factory in Maradi	20 million boxes of matches/year	40 million CFA Fr. credits from Japan	53	Proposal approved in general because of existence of another project (see point 4)
4.	Match factory in Niamey including 100 ha of forest plantation	21 million boxes of matches/year	80 million CFA Fr. of which 7 million CFA Fr. for the development of the plantation	n/a	Discussions completed in June 1967. The project was granted priority. Further information is not available
5.	Brewery in Niamey	Initial capacity 15,000 - Possible capacity - 50,000 hl	380 million CFA Fr. German firm: Naase Brewery Co.	n/a	Construction was started in early 1969. Production is to start up by the end of 1969
6.	Plant for production of tomato paste in Galmi	400 tons of tomato paste/year	100 million CFA Fr.	40	} By the end of 1967 proposal was not approved. Italy was completed in 1965
7.	Meat packing shop in Galmi in combination with the plant mentioned in point 6	300 tons of packed meat/year	5 million CFA Fr.		
8.	Groundnut oil mill in Matameye (extension)	Possible capacity up to 14,000 tons of groundnuts per season	20 million CFA Fr.	n/a	

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
9.	Groundnut oil mill in Matameye	n/a	30 million CFA Fr.	100	Under evaluation
10.	Cotton grain oil mill	1,220 tons of cotton oil 2,100 tons of oil cake	90 million CFA Fr. of which equipment -- 60 million CFA Fr.	35	Under evaluation
11.	Reconstruction and extension of the existing groundnuts oil mill in Maradi (Built in 1942)	Up to 10,000 tons of groundnuts	250 million CFA Fr.	n/a	Realization postponed till 1971-1972. Refinery was excluded due to the unfavourable market conditions
12.	Dairy products shop in Niamey	Project capacity 5,000 litres milk/day - Starting capacity: 800 litres milk/day; 500 kg. cottage cheese	85 million CFA Fr.	20	Under construction
13.	Particle board mill in Maradi	Proposed capacity - about 6,500 tons/year	362 million CFA Fr.	n/a	Prefeasibility study as there is another project of this kind with the proposed capacity 1,000 - 1,200 tons (see point 14)
14.	Particle board mill in Malbaza	Proposed capacity - 1,000 - 1,200 tons per year	120 million CFA Fr.	n/a	Proposal under consideration
15.	Paint mixing shop in Niamey (basic raw materials are to be imported from France)	Paints - 400 tons/year	20.7 million CFA Fr. (33,3% belongs to Ste Générale des matières colorantes, Paris)	20	Under realization
16.	Jute bags factory in Konni (on the first stage jute for bags will be imported approx. till 1973)	1,000 tons of bags/year	387 million CFA Fr.	235	Under realization

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
17.	Factory for construction and treatment of onion and groundnuts	490 tons of fried onion - 980 tons of dried onion 1240 tons of fried groundnuts	130 million CFA Fr. (Participant : Seif-fort; Federal Republic of Germany)	n/a	Construction was started in 1967
18.	Sugar mill with distillating shop for treatment of molasses in Tillabery	Initial capacity 3,000 - 4,000 tons of sugar; Full capacity - 10,000 tons of sugar a year	Total investment - 2,200 million CFA Fr.	n/a	Proposed date of starting up - 1971

N I G E R I A

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Bicycle assembly plant (Illorin, State Kwara)	n/a	£63,000	n/a	Proposal approved
2.	Fweko cement factory (expansion)	Present - 500,000 tons - First phase up to 600,000 tons Second phase up to 840,000 tons	Total expenditure £2.5 million - First stage 1.3 million Second stage 1.2 mln.	n/a	First stage is being implemented
3.	Factory for production of woollen and fibre materials in Kano	3 million lb.	£500,000	n/a	Project approved
4.	Extension of sugar refinery at Bacita	From 27,000 tons up to 40,000 tons	Over £1 million	n/a	Project approved
5.	Textile mill in Ikeja	n/a	£720,000 Japanese-French consortium	n/a	Work started, operation is due to start up by the end of 1971
6.	Fishing nets factory (nylon nets)	Starting - 300 tons Operating - 1,000 tons	£ 300,000 (a joint venture with two Japanese firms - 65%)	n/a	Due to start up in September 1971
7.	Photo equipment factory at Lagos	Cameras, lenses black and white, colour films	£ 29,000 (joint venture between T.Tayei and Co., and Commerce International Limited)	n/a	Due to start up in April 1971

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Plant for producing wire. At the present time Senegal imports about 2,000 tons of various kinds of wire.	n/a Iron wire, copper wire, wire for external and internal net works	100 million CFA Fr. Recommended by UN Experts	n/a	Proposal under consideration
2.	Mixing plant for motor oils greases and other lubricants in Dakar	8,000 tons/year	200 million CFA Fr. Participant: French firm - Total Afrique Ouest	n/a	Construction was expected to be over by the end of 1968. Production to start up in the second half of 1969.
3.	Sausage shop	150 tons of sausages	n/a Recommended by UN experts	n/a	Proposal is under evaluation
4.	Ceramics shop near Cap Vert	3,000 tons of tiles 1,000 tons of sanitary equipment 1,000 tons of earthen ware	600 million CFA Fr. Proposed - Italian Group "Generali Impianti"	n/a	Proposal under consideration
5.	Meat packing plant in Dakar	Total capacity - 569 tons of tinned beef	71 million CFA Fr.	n/a	Proposed date of starting up - end of 1968
6.	Meat packing plant in Dakar	362 tons of tinned beef	Equipment - 14 mln. CFA Fr.	n/a	Proposed date of starting up - end of 1968
7.	Ginning house in Kaolack	7,000 - 8,000 tons of cotton seeds	Total - 140 million CFA Fr. of which equipment - 60 mln. CFA Fr.	n/a	Expected to start up by 1970
8.	Enamel ware shop in Dakar	500 tons/year	50 mln. CFA Fr. Hongkong industrial group - 50%	50	All the works were finished by June 1968

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
9.	Glycerine extracting shop at the soap mill	600 tons of glycerine (80% of production for export)	40 million CFA Fr.	n/a	Was expected to start up before November 1968
10.	Dairy products shop in Saint-Louis	5,000 - 10,000 litres of milk/day	60 million CFA Fr. of which UNICEF credit 30 million CFA Fr.	20	Was expected to start up by the end of 1968
11.	Reconstruction of groundnut oil mill in Bel Air (extension of grinding department)	Extension of the capacity from 260,000 tons of unshelled groundnuts up to 350,000 tons/year	800 million CFA Fr. for extension (Firm Rond-Point)	n/a	Proposal was approved in 1968. Capacity is expected to be achieved by 1973
12.	Extension of groundnut oil mill in Lyridiane (additional set of extracting equipment as well as extension of existing refinery and storages)	From 135,000 tons up to 270,000 tons/year	350 million CFA Fr.	n/a	Proposal accepted
13.	Dairy shop in Dakar	5,500 litres/hour (products: milk, cheese)	240 million CFA Fr. was realized in 1967/1968. The total investment is expected - 410 million CFA Fr. French firm Leblanc and Gerband	n/a	Construction was begun in 1967. Full capacity was expected by March 1969
14.	Construction of a margarine department at the existing enterprise SFIB-Dakar in Dakar	600 tons/year	Total investment - 45 million CFA Fr.	5	Was expected to start up by the end of 1968

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
15.	New department for plastic bottles production at the STIB-Dakar enterprise (basic components are to be imported from Europe)	Bottles for vegetable oil, vinegar and others 18 mln. bottles	14 million CFA Fr.	n/a	Was expected to start up in July 1968
16.	Shop for producing plastic goods (basic materials are to be imported from Europe)	Covers, bags, sport bags, sport equipment	10 million CFA Fr.	n/a	Was expected to start up by the end of 1967
17.	Soap factory in Dakar	300 tons of soap/year	40 million CFA Fr.	30	Construction was completed in 1968
18.	Sugar mill with refinery	Raw sugar 30,000 tons/year refined sugar 12,000 tons/year	Sugar mill - 1,400 million CFA Fr. Refinery - 150 mln. CFA Fr.	n/a	Under construction
19.	Textile mill in Dakar (fabrics for finishing of	600,000 m/year with possible extension up to	65 mln. Fr. CFA (participant - Dollfus Mining & Co.	n/a	Construction was expected to be completed by the end of 1968
20.	Textile complex in Thies including Spinning shop and Weaving shop	10 mln m/year of 85% cotton fabric + 15% other fibres	1075 mln CFA Fr. of which: 230 million CFA Fr. for buildings and installations 425 million CFA Fr. for equipment	400 of which expatriates 25	Weaving shop was completed in October 1967 - Spinning shop is expected to start up by the end of 1969
21.	Tannery in Thies	120,000 skins of which 95,000 for export	40 million CFA Fr.	n/a	Under evaluation
22.	Dairy shops in Kaolack, in Dahra, in Thies	n/a	Total investment - 182 million CFA Fr. of which 55 mln. CFA Fr. for Thies	n/a	By 1970, by 1971, by 1972

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
23.	Fish processing factory in Dakar (extension)	60 tons (construction of freezing tunnels)	n/a	n/a	By 1970
24.	Detergent producing shop on the base of oil mill	First stage - 1,000 tons/year	100 million CFA Fr.	n/a	Under realization
25.	Extension of the oil refinery in M'Bao	From 600,000 tons/year to 1,200,000 tons/year	n/a	n/a	Under construction
26.	Electric batteries shop (on imported components)	8-10 million units per year	125 million CFA Fr.	n/a	Under realization in accordance with the Third Development Plan
27.	Tuna processing factory (replacement of the existing factory)	30,000 tons/year	20 million CFA Fr.	n/a	n/a
28.	Groundnut oil mill in Casamance	n/a	n/a	n/a	Construction started in 1968
29.	Extension of the groundnut oil mill in Ziguinchor	Total capacity will be 90,000 tons of groundnuts instead of 60,000 tons/year	20 million CFA Fr. (group UNIPOD)	n/a	Expected to be over by 1973
30.	Extension of the knitting goods factory in Dakar	n/a	40 million CFA Fr. SOBOCO	additional employment - 20	Extension started in 1968 and expected to be finished by 1970
31.	Extension of the knitting goods factory in Dakar	Upto 1,700,000 units/year	n/a (TMS)	n/a	Expected to be finished by 1970
32.	Glass works in M'Bao	6,000 tons/year	n/a	n/a	Proposed local market now consumes about 2,000 tons
33.	Seaweed processing factory in Yoal	1,000 tons of agar-agar/year	n/a	n/a	Project is expected to be realized by 1973

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
34.	Metal rolling mill in Dakar (metal will be imported)	30,000 tons of metal sheets/year	825 million CFA Fr. (Italco-Swiss group in cooperation with Optorg)	n/a	Two schemes are under consideration. The construction is expected to start in 1970
35.	Shop for production of metal caps for bottles in Pout	100 million caps/year	45 million CFA Fr.	n/a	Under consideration
36.	Plant in M'Bao	Nails or wire - up to 1,500 tons metal furniture - 7,500 tons	For first stage - 100 million CFA Fr. for the second - 75 million CFA Fr.	n/a	Under realization within the Third Development Plan
37.	Auto assembling shop (extension) (Firm Berliet Senegal)	From 1 car a day up to 4 cars	30 million CFA Fr.	n/a	Under realization
38.	Textile factory in Thies without printing shop	10 m. metres (1500 tons of cotton fibres)	1,100 million CFA Fr.	360 including 10 expatriates	Started up in February 1970

SIERRA LEONE

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Textile factory in Freetown	n/a	£1.5 million Kasano Dyeing and Printing Co, of Japan	n/a	Plans submitted for approval

S O M A L I A

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Meat processing plant, KISMAYU	Will slaughter 60,000 heads of cattle annually and produce 20,000 tons of meat, 60,000 dressed hides and hundreds of tons of bone meat, smoked meat and other foods	Somali Shs.37,500,000 were paid by the Soviet Union as aid. The plant was built jointly by Soviet and Somali specialists and workers	About 600 Somalis who underwent training while the plant was being built	The plant has been handed over to Somalia. The construction started in 1964

S U D A N

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Cement factory in Tabar	Full capacity - 350 tons/day	US\$ 6 million	n/a	Production started
2.	Jute factory in Tonj	n/a	£S 1.6 million	n/a) Included into the development programme for Southern Sudan)
3.	Reptile skin factory at Malakal	n/a	£S 828,000		
4.	Tannery	8 tons of leather 3000 mutton skins in a day	£ 5,600,000	n/a	Agreement signed

T O G O

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Slaughtering house in Lome with fish processing department	Meat - 13 tons/day Fish - 15 tons/day Cold storage - up to 300 tons	325 million CFA Fr.	n/a	Approved for realization by 1970
2.	Shoe factory in Lome (Bata Co.)	500,000 pairs of leather and plastic per year	18 million CFA Fr.	n/a	Approved by the Govt. in 1968
3.	Cement factory in Lome (production of clinker)	800,000 - 1,000,000 tons of clinker/year	8,000 million CFA Fr. (Brothers Lambert Co. - 33%)	n/a	Proposal under discussion. Research works were expected to be completed by the end of 1968
4.	Clinker milling plant in Lome	100,000 tons of cement/year	300 million CFA Fr. (Brothers Lambert Co. - 45%)	n/a	Expected to start up in January/February 1970
5.	Starch producing factory in Ganave	Extension of production from 6,500 tons up to 12,000 tons/year	85 million CFA Fr. (additional investment) Total investment - 200 million CFA Fr. (French firm)	n/a	Was expected to reach the new capacity by the end of 1969
6.	Plastic goods shop in Lome (basic components are to be imported)	Plastic tubes, waterproof covers, etc.	30 million CFA Fr.	n/a	Under realization
7.	Kenaf treating mill in the region of plateaux	First stage - 3,000 tons of ropes, bags and fabric - second stage - 6,000 tons/year		n/a	Proposal

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
8.	Salt refinery in Kpémé	First stage - 20,000 tons/year Final capacity - 100,000 tons/year	365 million CFA Fr. for the capacity of 20,000 tons	n/a	Proposal
9.	Car batteries shop	250 tons of plumb/ per year	20 million CFA Fr. Swiss firm	n/a	Proposal
10.	Fertilizer plant	4,000 tons of simple super- phosphate per year	355 million CFA Fr.	n/a	Feasibility study is completed. Expected to start up in 1972

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Sweets factory - Kakira near Jinja	Expansion project. The first phase will treble the present output	£U150,000 - first phase, £U50,000 - second phase. The factory belongs to MADHWANI group	n/a	The first phase has been completed. Export markets in Zambia, Rwanda and the Congo are being sought for products which are surplus to demand in East Africa
2.	Battery factory	500,000 batteries each month	£U250,000; This is a joint venture of the Development Finance Corporation, Dalgety (East Africa) Ltd., and Barin Holdings	n/a	The plant started operations in January 1968. Plans are underway to double the present capacity
3.	Paper factory, Jinja	5,000 tons of paper each year mainly for use in offices and printing presses - first stage	£U175,000 - first stage. The factory is owned by PEPCO Ltd., a company formed in 1967 with a majority of Ugandan shareholders	n/a	Was expected to open early in 1969
4.	Glass factory, Kampala	25 tons of glass a day. At present manufacturing bottles but later will also turn out jars of all kinds, heat resistant tables, ovenware fibre and sheet glass	£U700,000; sponsored by the Development Finance Corporation and the MADHWANI group	n/a	The factory has started production. Most of the raw material used is local. It is expected that the products would have market in Rwanda, Burundi and Congo. The factory is only one of its kind in East Africa
5.	Uganda Breweries, Port Bell Brewery	Expansion project. First two phases completed which give the brewery a total capacity of over 100,000 cases of beer per month	£U1,000,000	n/a	Three years ago plans were made for a phased extension of the Brewery to meet increasing demand. First two phases have been completed

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
6.	Mulco textiles	A new screen printing machine capable of producing 12,000 yards of printed cloth per day has been installed	n/a	n/a	n/a
7.	Polystyrene board factory, near Kampala	When in full operation it is expected to make a saving of about U22,000 in foreign exchange per year	n/a	n/a	The factory has been opened. It is expected to meet the country's demand very easily for some years to come
8.	Cotton spinning mill, LIRA (Northern region)	3,800 tons of spun and twisted cotton yarn per year	£ U4,170,000; joint venture between the Uganda Development Corporation and the Soviet Union. Soviet Union is to provide a long term loan of U 3.4 m. and the balance to be raised by the UDC.	1,200 people	Agreement signed with the Soviet Union in March 1968. Construction was scheduled to begin within six months and the factory is to be completed in 1970. About 30,000 bales of Ugandan cotton valued at U 950,000 will be used annually and the value of the finished product, which will be exported, is estimated to be 2.5 m. At least half the finished product will be sold to the Soviet Union
9.	Jute bag manufacturing factory, TORORO	6 m. jute bags and 2 m.sq. yards of hessian per year	£U 1,150,000; Sponsored by Birla Jute Mfg. Co. of India, the Uganda Development Corporation, the coffee marketing Board and the lint marketing board	Over 1,000 persons	The plan has been approved by Govt. and it is expected that the factory will be operative by the end of 1969. It will be able to meet the entire demand of Uganda
10.	Tannery, Soroti	n/a	Uganda Development Corporation	n/a	Plan approved. The factory will use the hides which will be a by-product of the new meat processing plant being erected at Soroti

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
11.	Concrete pipe plant, Jinja	n/a	n/a	n/a	Plan approved
12.	Central milk processing plant, Kampala	30,000 gallons of milk per day	£U 1,000,000	n/a	Plan under consideration. The existing capacity at Kampala is 2,500 gallons of milk per day. The plan envisages bringing in bulk supplies from Kenya for processing and packing
13.	Plastic pipe industry	Production of profiles and sections for the building industry	A joint venture between the MDHWANI group and the ANGER AEP group, a leading European Engineering organization with headquarters in Austria. It is intended to have a 65% local interest in the investment the balance being supplied from Europe	n/a	Plans under negotiation. The factory is designed to supply the Uganda market and also to provide for exports. Later it is planned to make the plastic raw material in Uganda from molasses, a by-product of the sugar industry. It may also be developed into a fully integrated plastic industry at a later stage to make a wide range of goods
14.	Paper mill at Jinja	20 tons/day	£U 300,000 -- proposed additional investment of £U 100,000	150	Production has started
15.	Electric light bulbs factory	Starting capacity - 8,000 /day Full capacity - 4 mln bulbs	Shs. 5 mln (Madhvani Group)	n/a	Due to come into production by the end of 1970
16.	Milk processing plant in Mbabe	27,000 litres of milk/day	Shs. 3 mln	n/a	Started up
17.	Milk processing plant in Kampala	30,000 gallons of milk/day	Shs. 12 mln	n/a	Under consideration
18.	Extension of the cement plant	Up to 600 tons/day	£U 4.12 mln	n/a	Estimated start up - Spring 1973

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
1.	Shoe factory, Mtoni near Zanzibar town	n/a	Tan. Shs.2,000,000 Built Chinese (CPR)	n/a	The factory was opened in the first quarter of 1968
2.	Friendship Textile mill	24 m. sq. yards of cloth and over 2 m. lbs. of thread for use by smaller textile units	Tan. Shs.500,000,000 Built with an interest free loan from China (CPR) and wholly owned by Govt. through the NDC. This is one of largest industrial complexes in East Africa	About 3,000 workers	The mill was officially opened in June/July 1968. Foundation stone laid in July 1966 and trial production started by the end of 1967. This is the first fully integrated textile mills in East Africa capable of printing patterns on cloth and it comprises two spinning and weaving mills, a printing and dyeing mill, a designs and engraving wing and a research and testing laboratory
3.	Tobacco factory, MOROGORO	Tobacco processing and provision of storage and re-drying facilities before export	Tan. Shs. 6,000,000	n/a	The factory began processing in May 1968 and within a month or two had re-dried over 1 m. lbs. of tobacco
4.	Pharmaceutical plant, Zanzibar	Will produce injections and pills	The plant, erected by China (CPR), at the V.I. Lenin Hospital in Zanzibar is a gift	n/a	Four Chinese experts are training local students to run the plant
5.	Philips Electronics (EA) Ltd., ARUSHA	40,000 to 50,000 radios. Plans to produce gramophones	Tan. Shs. 800,000	n/a	Factory was officially opened in September 1968
6.	Mwanza textile mill, MWANZA	24 m. sq. yards of fabric	Tan. Shs. 82,700,000 Jointly owned by the National Development Corporation, the Mwanza Cooperative Union and the Swiss Ammenitial Company. It is the country's second largest mill	About 1,300 people	The mill was opened in May 1969. There are five major textile mills in Tanzania and it is hoped that the country will be self-sufficient in cotton fabrics by 1970 when total production will be 92 m. sq. yards

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
7.	Tannery at MOSHI	Processing of hides and skins for both local and foreign markets	Tan. Shs. 6,000,000 Joint venture between the National Development Corporation and a Swedish firm	n/a	Was scheduled to go into operation early in 1969
8.	Softwood factory, APUSHA	n/a	Tan. Shs. 2,000,000 About Tan. Shs. 1,000,000 will be spent on equipment. Tanzanian Govt. will spend half the finance	n/a	Was expected to go into production in April 1969. Tanzania's three softwood centres, at present producing 200,000 cubic feet a year would each need a factory sooner or later
9.	Milk factory, DAR-ES-SALAAM	4,000 gallons of milk per day for the city residents	Tan. Shs. 6,000,000 Joint venture between the National Development Corporation and the coastal dairy	About 60 workers, including two expatriates from Sweden	The factory is expected to be in operation in September 1969. Its output will completely cut off importation of fresh milk from Kenya to the Dar-es-Salaam market
10.	Ubungu Farm Implements manufacturing Co. Ltd.	Farm implements	Tan. Shs. 3,480,000 The factory will be financed from an interest free long term loan from China (CPR)	n/a	The foundation stone of the factory was laid as far back as in February 1968
11.	Tanzanian Fertilizer Co. Ltd., TANGA	105,000 tons of fertilizers like ammonium sulphate, di-ammonium phosphate and compound granular fertilizers	Tan. Shs. 118,000,000 Joint venture between National Development Corporation and the West German Industrial combine, KLOFCKNER INDUSTRIEN ANLAGEN GMBH. 60% of equity capital (Tan. Shs. 15 m) will be held by NDS and 40% (Tan. Shs. 10 m) by KLOFCKNER HUMBOLDT. The balance of Tan. Shs. 93 m. is to be provided by the German firm as a long term loan repayable over 13 years	n/a	Foundation stone of the factory was laid in February 1969 and it is expected to start operation in 1971. By 1974 Tanzania will need the entire output but in early 70s there will be a surplus of about 28,000 tons for export to other East African markets

No,	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
2. Steel Rolling Mill, TANGA	30,000 tons on a 3 shift basis. Reinforced steel round bars, angles and profiles for metal furniture	Tan.Shs. 10,500,000 A new subsidiary of the National Development Corporation the National Steel Rolling Mill Ltd., will establish and operate the plant. Danieli & Co., of Italy will supply equipment..Share capital of the company will be Tan.Shs.4,000,000 of which Tan.Shs.800,000 will be subscribed by Danieli and the remainder by NDC. Danieli will also make available to the Company a long-term loan of Tan.Shs. 6.6 m.	n/a	Production is scheduled to start at the beginning of 1970. The design of the plant allows for the addition of a wire drawing unit and an electric furnace	
13. Mwanza Fish net manufacturers Ltd., Mwanza	Expansion to accommodate doubling and twisting plants; extra fish netting machines and twine machinery	Tan.Shs.2,000,000. The Japanese firm of Hirata Spinning Company interested	n/a	Work on the project was expected to start early in 1969. The original plant was built in 1963 at a cost of of Tan.Shs. 2,000,000 and its present annual output is Tan.Shs. 5,000,000	
14. Blanket manufacturing Ltd., Dar-es-Salaam	Expansion programme which will result in the total production being 2 m. lb, of yarn, 1.4 m. blankets and 70,000 pieces of other materials per annum	Tan.Shs.8,000,000 As a result of participation by the National Development Corporation a Japanese Yen credit has been made available and machinery costing Tan.Shs. 4,680,000 will be imported from Japan	n/a	Construction work has started. As a result of expansion the factory will be self-sufficient in respect of yarn and blanket production would be enough to meet domestic and export needs	

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
15.	Manufacture of vehicle tyres and tubes, ARUSHA	250,000 tyres, 18,000 tubes, and 2 m. tons of trade rubber a year	Tan.Shs.65,000,000 A joint venture in which NDC will hold 60% of the shares and the General Tyres and International of Ohio, USA 40%. The American firm will supply technical and management personnel	About 500 workers	The project has been approved. When completed it will make the East African Common Market countries virtually independent of tyre imports and the factory design will permit an increase in capacity to meet the future needs of neighbouring countries.
16.	Two milk plants at MUSOMA and UTEGI in MARA region	Initially to pasturize and pack milk for sale around the lake regions. Later to produce ghee, butter, milk, powder, oils & fats	Tan.Shs, 12,000,000 The plants will be constructed in stages over a three year period	n/a	Production is scheduled to begin early in 1970
17.	Gemstone cutting plant, ARUSHA	Gemstones	Tan.Shs.800,000 NDC in partnership with International Gems, Luxemburg and DALLOZ FRERE GROSPIRON ET CIE of France	n/a	
18.	Distillery, Dar-es-Salaam	A new brand of gin with a Tanzania label which will sell at a considerably lower price than any new brand at present on the market	Tan.Shs. 3,710,000 NDC and Tanzania Development Finance Co. will own 50% of the new company. The other sponsors are Duncan Gilbey and Matheson and Messrs. J.K.Chande of Dar-es-Salaam	n/a	Plans are being drawn up
19.	Plywood factory at MOSHI	n/a	Shs. 4,730,000	approx.	All the proposals approved

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
20.	Fibreboard plant at ARUSHA	n/a	Shs.24,350,000) approx. 4000	All proposals approved.
21.	Bicycle factory at MOROGO	n/a	Shs.3,262,200		
22.	Hardwood sawmill at MOROGO	n/a	Shs.3,300,000		
23.	Gin factory at DAR-ES-SALAAM	n/a	Shs.3,694,000		
24.	Cement factory at Wa Wash Hill (extension)	From 160,000 tons up to 400,000 tons	Shs.36.3 million (Portland Cement Co.)	1000	Work is due to be completed by mid 1970
25.	Bag manufacturing factory near MOSHI	6 mln kenaffibre bags	Shs.56,000 (Italian Company - 49%)	n/a	Work has started - March 1970
26.	Extension of Bag factory in MOSHI	From 2 mln bags up to 6 mln bags	n/a	n/a	Extension approved
27.	Distillery in DAR-ES-SALAAM	n/a (gin, whisky, Brandy, Vodka)	Shs. 3 mln (Duncan, Gilby and Matheson, International Distilleries, Vinters of London)	n/a	Construction started
28.	Cashew nuts plant at Kerege village	2,000 tons of raw nuts	Shs. 3.3 mln	400 - 600	Operation started
29.	Meat canning factory at DAR-ES-SALAAM (expansion) - Extension of its slaughtering facilities	From 200,000 up to 300,000 head of cattle/year	Shs. 10 mln	1200	Project approved
30.	Sisal-to-paper factory in Tanga region (Pongwe)	115,000 tons of bleached and unbleached sisal pulp	n/a	n/a	Expected to start up in early 1971
31.	Fish net factory in Ubungo	Twine fish nets - 10,000 kg/month	Shs. 5 mln	n/a	Started up

No.	Project	Annual capacity and products	Investment and Collaborators	Employment	Stage of Implementation
32.	Razor blade factory at Dar-es-Salaam	n/a	Shs. 4 mln (Perma-Sharp of Scotland, U.K.)	n/a	Started up
33.	Asbestos, cement pipes and sheets factory	n/a	Shs. 20 mln	n/a	Included into the investment programme of NDC
34.	Bicycle factory	n/a	Shs. 3 mln in partnership with Raleigh Industries, U.K.	n/a	- do -
35.	Bicycle tyres and tubes factory at Arusha	n/a	Shs.15 mln	n/a	- do -
36.	Starch factory	n/a	Shs. 3 mln	n/a	- do -
37.	Plant for processing dried banana at Bukoba Freeze dry technology	n/a	Shs. 30 mln	500	Feasibility study has been completed and approved
38.	Cashewnut processing factory at Mtwara	8000 tons	Joint Japanese Tanzanian NDC venture	400	Started up 15th December 1970

U P P E R V O L T A

No.	Project	Annual Capacity and Products	Investment and Collaborators	Employment	Stage of Implementation
1.	Slaughter house with refrigerator in Ouagadougou	1970 - 7,500 tons of meat 1980 - 10,000 tons of meat	Estimated investment 700 mln Fr. CFA	n/a	Evaluation completed
2.	Sugar refinery in Banfora	15,000 tons sugar/year Initial capacity - 1,500 tons	330 mln Fr. CFA France (Grands-moulins de Paris)	n/a	Under construction Works are to be completed by the end of 1970.
3.	Footwear factory in Ouagadougou (plastic and leather footwear) Projected export to Niger	Projected capacity: 560,000 pairs in 1969 730,000 pairs in 1970	107 mln Fr. CFA Bata Co.	47 of which 2 expatriates	Under construction
4.	Cement factory in Tambao	100,000 tons - 133,500 tons	2,900-3,200 mln Fr. CFA	n/a	Proposal
5.	Tomato treatment factory - Export to Ivory Coast	460 tons tomato paste/year in 1969 750 tons tomato paste/year after 1970	163 mln Fr. CFA	n/a	Was expected to start production in 1969 The future extension of production incl. conservation of vegetables and fruits is proposed
6.	Meat packing factory in Ouagadougou	300 tons corned beef/year - Proposed export to Ivory Coast	44 mln Fr. CFA	n/a	Evaluation is not finished (1967)

No.	Project	Annual Capacity and Products	Investment and Collaborators	Employment	Stage of Implementation
7.	Oil mill in Bobo-Dionlasso (refinery and soap production) . Export to Europe - 80% cotton oil - 30% groundnut oil- 100% cotton oil cake - 90% groundnut oil cake	Capacity Groundnut oil - 1,275 tons Cotton seed oil - 655 tons Oil cake (cotton) - 5,325 tons Oil cake (groundnuts)- 750 tons Soap - 2,800 tons	600 mln Fr. CFA	207 incl. 7 expatriates	Consideration
8.	Milk processing factory in Ouagadougou	1,500 tons of milk/year	58 mln Fr. CFA	50	Prefeasibility study made by FAO in 1963
9.	Milk processing factory in Bobo-Dioulasso	1,000 tons of milk/year	42 mln Fr. CFA		
10.	Flour mill in Bobo-Dioulasso	15,000 tons of grain N 11,250 tons of flour	350 mln Fr. CFA French group "Grands moulin de Paris is a participant	Approx. 100	Evaluation is completed
11.	Paint mixing factory in Ouagadougou (imported components)	Capacity 800 tons of various paints/year - Initial capacity - 400 tons	36 mln Fr. CFA	32	Construction was expected to begin in 1968 and correspondingly production in 1969
12.	Tyre and tubes factory (for bicycles) in Bobo-Dioulasso	Tyres - 1,500,000 units Tubes - 1,350,000 units	Approx. 250 mln Fr. CFA Michelin Co. (France)	n/a	Proposal under discussion

No.	Project	Annual Capacity and Products	Investment and Collaborators	Employment	Stage of Implementation
13.	Textile complex in Ouagadougou	Filament - 600 tons in 1969 Filament - 900 tons in 1970 Filament - 3,000 tons in 1978 Fabric - 275 tons in 1969 Fabric - 390 tons in 1970 Fabric - 2,500 tons in 1978 Printed Creton - 280 tons in 1969 360 tons in 1970 720 tons in 1978	5,000 mln Fr. CRA French Co. CEDT and group Optorq participating	525	Was expected to start production in 1969
14.	Cigarette factory in Bob-Dioulasso	240 tons cigarettes/year		n/a	Was expected to start production in 1969
15.	Flour mill	Wheat flour - 30,000 tons maize flour millet flour	\$1.47 mln	n/a	Contract signed
16.	Sugar works	30,000 tons			
17.	Battery factory				
18.	Tomato-concentrate factory				
19.	Galvanized buckets factory				
20.	Exercise book factory				
21.	Mat making factory				

All the projects are under consideration
No additional information is available

Z A I R E

No.	Project	Annual Capacity and Products	Investment and Collaborators	Employment	Stage of Implementation
1.	Cement factory in Lukola, near Kinshasa	1,000 tons/day	DM 100 mln, 49% Klockner Industrie Anlagen (FRG)	350 workers	Agreement signed
2.	Steel works in Maluku	Steel products 150,000 tons	DM 365 mln Demag AG (FRG) & Italmimpiati (Italy)	n/a	Due to start up in 1973
3.	Primary aluminium smelter near Moanda	Initial - 70,000 tons Designed - 140,000 tons	n/a - Kaiser Aluminium & Chemical Co., USA	n/a	Construction is due to start in 1971, operation in 1973
4.	Tyre factory at Kinshasa	184,000 tyres and tubes	£16 mln (Goodyear Tyre & Rubber Co., USA)	740	Due to start up in 1971

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
1.	Battery manufacturing Co. Kitwe	Motor vehicle batteries, 50,000 a year, sufficient to meet the whole of Zambia's present demand	K 200,000	-	Officially opened in July 1968. The plant is expected to make specialized batteries future
2.	Raw sugar, mill, Nakambala	-	K 6,000,000; The company is a subsidiary of the Tate and Lyle group	-	Was scheduled to open in 1968. It is the continuation of scheme designed to make Zambia self-sufficient in sugar. It will immediately process cane from 5,000 acres In addition 475 acres of are expected from commercial outgrowers encouraged by company
3.	Dunlop Zambia Tyre factory, Ndola	Initial capacity is 120,000 vehicle tyres and 540,000 cycle tyres. The production to be built up in three stages over the first year	£. 3,500,000	Over 300 persons	Opened in April 1969. The plant will provide about 9P% of the tyres and tubes used in Zambia
4.	Northern Motors Assembly Plant, LUANSHYA	Heavy duty. trucks, 30 cwt pickups and other models	K. 75,000; Northern motors are B.M.C. franchise holders	-	Opened in May 1969.

No.	Projects	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
5.	Metal Fabricators Ltd, LUANSHYA	Initial capacity 3,000 tons of copper wire and cable and 1,000 tons of aluminium wire and cable a year.	K. 3,000,000; The plant in which Govt. will hold a 51% in erest will be established on the copper belt. The remaining 49% holding will be owned by a consortium of PHELPS DODGE and SVENSKA METALLVERKEN together with the continental Ore corporation and Zambia's two copper mining groups Rcan Selection Trust and Anglo - American corporation. Technical services for the plant will be provided by the Swedish American Consortium		Construction of the plant is expected to be completed by December 1969. The plant with first aim at supplying domestic market and then develop exports
6.	Shirt factory, copper belt	-	K. 160,000; The company is a subsidiary of BOOKER MCCONNELL Ltd.		The long term prospects of the plant are considered excellent despite the current (1968) downturn in the clothing industry

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
7.	KAFUE Textiles Zambia Ltd, KAFUE	When fully operational the plant will produce 14 m. sq. yards of cloth a year. Eight types of cloth will be produced from locally grown cotton	K. 8,000,000; Four organizations are involved in the project: The INDECO will hold 50% of the shares, AMENITAL HOLDINGS TRUSTEE REGISTERED 25%, commonwealth Development corporation 15% and Barclays Development corporation 10%	About 1,000 persons	Was expected to start operations in May 1969 and to reach full production towards the end of the year. This is the only integrated textile company of its kind in Zambia. It will use more than 6 m. lb. of cotton a year and will meet Zambia's needs for eight types of cloth
8.	Biscuit-factory MAZABUKA. This is a pilot scheme for Eastern and central Africa	Biscuits containing whole milk ingredients of protein fats, and carbohydrates	£ 14,000; Australian Scientific and Industrial Research organization £ 11,500; Zambia; And the WORLD food PROGRAMME	-	The factory will be the first of its kind in the World. Developed after years of research the biscuits would be a boon in the task of solving the problems of malnutrition.
9.	Fish freezing factory, MPULUNGU, on the shores of Lake Tanganyika	20 tons of Kapenta and other kinds of fish per day	-	-	At present only 6 or 7 tons could be processed The object is to increase the supply of Kapenta and introduce other kinds of fish into the Zambian market Two insulated fishing boats will be constructed
10.	Chocolate factory, Kitwe	-	-	-	Negotiations are taking place between the ministry of Trade, Industry and Mines and a foreign company. There is no chocolate factory company. There is no chocolate factory in Zambia and the object will be to achieve self sufficiency.

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
10.	Chocolate factory, Kitwe	-	-	-	Negotiations are taking place between the ministry of Trade, Industry and Mines and a foreign company. There is no chocolate factory in Zambia and the object will be to achieve self sufficiency.
11.	Zambia bottlers Ltd	Expansion programme to double the capacity for bottling Coca-Cola and other leading brands of soft drinks	K. 1,000,000		The capacity will be operative in a year's time
12.	Industrial fabrics factory in Kabwe : Local kenaf up to 80%	Flax 5 mln yards hessian 1.4 mln yards	K 3 mln		Production started
13.	Milk plant in Lysaka		K 2 mln		Project approved
14.	Oil Refinery at Ndola	1.1 mln tons	£ 1 4 mln (Italian State Oil Corporation 50%)	n/a	Production is expected to start in 1971
15.	Nitrogen Chemicals Plant (Kafule Estate near Lusaka)	Equivalent 26,000 tons of nitrogen	K 18 mln	500	Construction started in 1968, Operation was expected by mid - 1970
16.	Car plant in Livingstone FIAT will be supplying completely knockdown cars for assembly	Full capacity - 12,000 starting - 5000	£ 1.5 mln (k2.5m)	n/a	Contract signed

No.	Project	Annual capacity and products	Investment and collaborators	Employment	Stage of implementation
17.	Textile mills at Kafue	Full capacity - 14 mln yards of cloth (twills, sailcloth, poplin)	£ 4.66 mln. (K 8 mln.) (Amenitol Holding Trust of Switzerland, Commonwealth Development Co. and Barclays Bank 50% of shares)	n/a	Started up in 1970
18.	Copper processing plant at Luanshua	Copper rods, wire	K 2.3m (Phelps Dodge Svenska Metal Werken-participates)	n/a	Operation started a full scale is not expected before 1971