



UNITED NATIONS  
ECONOMIC AND SOCIAL COUNCIL



Distr.  
LIMITED

E/CN.14/ENR/220  
14 March 1974

Originals: ENGLISH

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ECONOMIC COMMISSION FOR AFRICA

REGISTER OF NEW AND PLANNED INDUSTRIAL PROJECTS  
IN SELECTED AFRICAN COUNTRIES

1972-1973

## INTRODUCTION

This is the third in the series of project registers published by ECA. The previous issues were E/CN.14/INR/199 and E/CN.14/INR/204.

Effort has been made to consult as many sources of information as possible but even then in some instances details given for particular projects are incomplete. Despite this the entries have been included to indicate the nature of project being considered.

The Compilation of this project register is a part of the continuing activities of the Joint ECA/UNIDO Industry Division and it is expected that the next issue will be published towards the end of 1974 or beginning of 1975.

# ALGERIA

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Hadjar steel combine (expansion)	Up to 2 m tons of steel	n/a Agreement between Algerian & the USSR Govt.	n/a	Expected to be implemented between 1974 and 1978
2.	Algricultral machinery factory in Bel Abbas	17,400 units of various equipment	Approximately 312 m Dinars	1,100	Protocol between the Algerian National Company for Mechanical Construction and DIAG of West Germany signed.
3.	Petro-chemical Complex (ethylene, polyethylene, caustic soda & chlorine)	n/a	475 m	n/a	Feasibility study is to be undertaken by Japanese, Italian and British firms.
4.	Machine tools factory at Constantine (Metal working equipment)	n/a	130 m Dinars	about 500	Project is under study.
5.	Factory for production of bolts, screws and taps at Aiu El-Kebira (Setif)	Initial capacity 4,000 tons of bolts & screws, 1,100 tons of taps & spigots	250 m Dinars	850	Expected to start up by the end of 1975.
6.	Pulp and paper complex in Mostaganem (Raw material - alfa)	66,000 tons of pulp, out of which 44,000 tons for export and 33,000 tons of printing paper	300 m Dinars	515	Under construction.
7.	Paper factory at Souk Ahras (utilization of Agricultural by-products)	5,000 tons of paper (printing), 5,000 tons of soft paper. 25 per cent of output is planned for export	100 m Dinars	330	Under construction.
8.	Pulp and paper complex at Saida	50 tons of pulp/day, 100 tons of packing paper/day, 120 tons of cartons/day	181.5 m Dinars	500	Under study.
9.	Complex at Rachgoun	12,000 tons of fibres, 3,300 tons of Rayon & 2,000 tons of cellophane	n/a	800	Under study.
10.	Pulp factory at El-Kala	100-160,000 tons of cellulose pulp	n/a	800	Under study.

## ARAB REPUBLIC OF EGYPT

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No.	Project	Annual Capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Shoe factory at Abbassia (Cairo)	500,000 pairs	n/a	n/a	n/a
2.	Urea fertilizer plant in Talkha	570,000 tons of fertilizer	LE45 m World Bank Loan	n/a	Proposal approved
3.	Refinery in Tanta	Total production - 2,000 tons/day out of which: gasoline - 240 tons gas oil - 280 tons, kerosene - 240 tons, furnace oil - 220 tons	LE25 m	n/a	Started up in 1973.
4.	Sand brick factory	200 m bricks	LE3.6 m	700	Started up
5.	Bottle factory at Mostorod	32,000 tons	n/a	1,100	Started up
6.	Motors factory	n/a	LE2.7 m	n/a	Started up
7.	Rubber cloth factory in Alexandria	400,000 sq. m.	LE350.000	n/a	Started up
8.	Rug and blanket factory	Output LE40,000	LE30.000	n/a	Started up
9.	Sand brick factory at Samalut	50 m bricks	LE850.000 Technical assistance Peoples' Republic of China	n/a	Agreement signed
10.	Two textile factories	The arrival of investigating teams of experts from Peoples Republic is expected soon.			
11.	Ready made clothes and blankets factory				
12.	Nail factory				
13.	Reinforced iron bars plant				
14.	Complex for treatment of phosphates at Al Mohamud	Phosphore - 105,000 tons Superphosphate - 210,000 t Basicphosphate - 30,000 t	LE168 m	n/a	Under study

# C A M E R O U N

No.	Project	Annual Capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Fertilizer plant	50,000 tons sulphate ammonium 20,000 tons superphosphates 27,000 tons complex fertilizers 60,000 tons acid sulphate	5 mlrd CFA FR 57% Klockner Industrie Anlagen 23% Societe Nationale d'Investment du Cameroun 15% Caisses de Stabilization 10% Societe d'engrais et de chimiques en Afrique Equatoriale	n/a	Proposal
	Possibility to organize the production of phosphorice acid and ammonia on the 2nd and 3rd stages				
2.	Tannery	n/a	n/a Bata Co. Ltd.	n/a	Proposal
3.	2 palm oilmills	n/a	n/a La Societe camerounaise de palmeraies	n/a	Proposal
4.	Refinery in Port of Victoria	Initial - 1.5 m tons total - 2 m tons	13 mlrd CFA FR	n/a	Expected to be implemented by 1975
5.	Ginning factory at Guider	24,000 tons of cotton in a six month season	293 m CFA FR Mainly French sources	n/a	Started up
6.	Cold-rolling mill in Edea	Aluminium sheets - 13,000 - 14,000 tons	n/a	n/a	Inaugurated in January 1973
7.	Pharmaceutical factory at Yaoundé	n/a	400 m CFA FR Societe financiere France-Ingelheim - 51% government of Cameroun - 49%	n/a	Protocol signed
8.	Extension of sugar refinery at Mbandjock	From 15,000 tons up to 30,000 tons	Approx. 1,900 m CFA FR, incl. plantations	add. 370	Proposal. A loan from the European Bank of Investments obtained

## C O N G O ( P . R . )

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Textile factory in Brazzaville	5 m metres of fabrics	Approx. 1,000 m CFA FR State participation - 30 per cent	120	Construction has begun.

# D A H O M E Y

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Tomato canning complex	n/a	10 m CFA FR Maison Lang & Lonrho firms	n/a	Proposal submitted to the Government.
2.	Sugar factory	n/a	500 m CFA FR	n/a	Proposal submitted to the Government
3.	Refinery at Cotonou	822,000 tons of crude oil	Capital - 424 m CFA FR Société Nationale de Raffinage and a European Group	n/a	Agreement approved by the Government.

## E T H I O P I A

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Expansion of tyre factory in Addis Ababa	Up to 200 units of 22 types/day	Yokohama Rubber Co. Ltd. of Tokyo- 35 per cent Air Bank of Ethiopia - 32 per cent Other Ethiopian Holders - 33 per cent Total capital-Eth.\$7,833,000	n/a	5-year technical assistance agreement signed
2.	Car assembly plant	400-500 Lorries and trucks Land Rovers - 300-350 units	£926,000 Fiat-95 per cent Agricultural & Industrial Development Bank of Ethiopia-5 per cent	n/a	Expected to start up by the end of 1973
3.	Flour mill in Debre Zeit	100 tons/day	n/a	n/a	Construction completed
4.	Cotton ginnery	Treatment - 10,000 tons of cotton	Eth.\$1 m	n/a	Planned to be operational by September 1974
5.	Tannery at Hojo	1,200 hides & 4,500 sheep and goat skins/daily	n/a Agricultural and Industrial Development Bank of Ethiopia	550	Expected to start up early in 1975



# G A B O N

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Plan for manufacture and assembly of electronic consumer goods (Radio sets, tape recorders, air conditioners etc.)	n/a	150 m CFA FR	52	Construction work has started.

## G H A N A

No.	Project	Annual Capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Factory at Kumasi (Moped, motorcycles scooters)	n/a	Cedis 2 m, Joint venture Yugoslavia - 50%	n/a	Opened on 16 April 1973; Import substitution of about 0.7 m Cedis/year
2.	Assembly plant at Cape Coast with workshops in Accra and Kumasi (Buses, trucks, tractors)	n/a	Cedis 0.75 m Messrs Magirus Deutz FRG	n/a	Construction was due to begin in June, 1973
3.	Extension of the Aboso glass factory (Beer bottles)	n/a	7.5 m Cedis	n/a	Planned
4.	Food complex incl. Fish canning plant and oil mill		n/a	n/a	Started up. According to available information three more plants are pro- posed to be included in this complex
5.	Chipboard factory at Nkawkaw	260,000 m <sup>3</sup> of chipboard	Financed by National Investment Bank-40% Nkawkaw Sawmills Ltd. 40% Vorkor of Belgium-20%	n/a	Planned to start up in February 1974.
6.	Brewery at Dome in Accra	n/a	12 m Cedis The Tata Brewery Ltd.	n/a	Agreement signed in January 1973
7.	Ceramic factory at the Salt Pond	1500 tons of wall tiles & 600 tons of sanitary ware	Initial investment-2.8 m Cedis, Investment for extension - 3.5 m Cedis	n/a	Opened in 1973

I V O R Y   C O A S T

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Confection factory at Abidjan	Annual turnover 2 mlrd CFA FR	2mlrd CFA FR Blue Bell of Ivory Coast	1,200	Planned to be operational by 1978
2.	Textile complex at Dimbokro	Treatment of 3,000-4,000 tons of cotton	5 mlrd CFA FR Union Industrielle Textile de Cote d'Ivoire	1,200	
3.	Textile plant at Bouake	7,500 tons of finished textiles	US\$20 m	n/a	Expected to start up shortly
4.	Factory for treatment of coffee at Yamoussoukro	30-40,000 tons of coffee	1.682 m CFA FR	220	Under implementation
5.	Wood processing factory	300,000 m <sup>2</sup> of parquet special, 250,000 m <sup>2</sup> of parquet heavy	187 m CFA FR	n/a	Expected to start up shortly
6.	Bulbs factory	600,000 pcs. of 1.5 v bulbs	n/a	n/a	Expected to start up shortly
7.	Textile complex of UTEMI	n/a	n/a	n/a	Under construction
8.	Textile factory at Agboville	Heavy textile, sports wear, jeans - Total annual capacity 9,000 tons after 6 years	10 mlrd CFA FR	n/a	under evaluation

## K E N Y A

No.	Project	Annual Capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Onion dehydration plant in Naivasha	35,000 tons	£1.2 SIFIDA	n/a	n/a
2.	Instant tea plant at Kericho	n/a	£1.5 m	n/a	Expected to be operational by 1975
3.	Instant coffee plant at Nairobi	n/a	Brooke Bond-Liebig	n/a	Decision taken
4.	Dehydrated vegetable factory at Naivasha	3,000 tons/ of dry vegetables	Shs. 26.5m ICDC - 41% other local investors - 11% international consortium - 48%	n/a	Planned for realization
5.	Edible vegetable oils mill in Nakuru	n/a	£K 0.5m	n/a	Was due to start up in April 1973
6.	Nylon polyester plant in Thika	n/a	£K 6m ICDC and India's J.G. Greup	800	Construction is due to begin in 1974 & operation in 1975
7.	Wet maize milling plant in Eldoret	35 tons/day maize starch, glucose syrup, maize oil, animal feeds	£K 681.000 ICDC, SIFIDA CDC International	85	Agreement signed
8.	Razor blade manufacture in Nairobi	Carbon & stainless blades (under the Nacet trade mark)	Known capital £325.000 local affiliate of Gillete Co. of U.K.	50	Expected to be operational in 1974

K E N Y A (Cont'd)

No.	Project	Annual Capacity	Investment and Collaborators	Employment	Stage of Implementation
9	Cornflakes factory in Nairobi	Treatment - 1000 tons of corn	£K 125,000 P.J. Products Ltd.	n/a	Production has started
10	Expansion of textile mill in Thika, built in 1973	Additional capacity 5m - 6m meters of cotton fabrics	About £K 400,000	n/a	Proposal approved
11	Radio sets & allied equipment assembly plant	42,000 units	£K 350,000	72	Licence granted
12	Radio sets & allied equipment assembly plant	36,000 units	£K 380,000 Nippon Electric Co. of Japan	40	Licence granted
13	Tannery at Athi River	Treatment of 765 hides/day	£K 492,900 joint venture of local and foreign investors	n/a	Expected to start up early in 1975
14	Mumias sugar factory near Kakamega	Initial capacity 45,000 tons/ possible increase up to 72,000 tons/	£K 2m	2000 (with plantation personnel)	Started up
15	Fibreboard plant at Elburgon	Fibreboards	US\$560,000 SIFIDA Investment Co. Ltd. SOKORO Fibreboard Ltd.	120	Under construction
16	Green tea factory at Kianjokoma	n/a	n/a Joint venture between Japan and the Kenya Tea Development Corp.	n/a	Officially opened in 1973

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K E N Y A (Cont'd)

No.	Project	Annual Capacity	Investment and Collaborators	Employment	Stage of Implementation
17.	Asbestos-cement factory near Mombasa (Corrugated sheets, tiles water tanks, pressure pipes)	n/a	£K 600,000 Cementia AG, Switzerland; Develop- ment Finance Co. of Kenya	More than 100	Was expected to start up in February 1973

# LIBERIA

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Palm oil mill at Newcess	n/a	US\$1.5 m Liberian operations Inc., a subsidiary of the Getry Oil Co. of California	n/a	Started up in 1973

## LIBYA

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Oil Refinery at Zawiya	Est. Cap 60.000 bl/day	£ 25 m	n/a	Expected to be operational in 1974.
2.	Steel and aluminium tubes plant	Initial production - 3 m metres of steel and aluminium tubes	About £7 m	n/a	Expected to start production by mid 1975.
3.	Tyre and tubes factory	n/a	14 m Dinars	n/a	Tender for construction was won by a West German Group.



M A L A W I

No.	Project	Annual capacity	Investment and Collabrators	Employment	Stage of Implementation
1.	Factory for blending and packing of tea at Blantyre	n/a	K 30,000	25	Under construction.
2.	Cycle tyres and tubes plant at Blantyre	n/a	K 159,000	n/a	Extension of tyre moulding is under way.
3.	Foam and inner spring mattresses and furniture shop at Lilongwe	n/a	K 222,000	50	Extension is due to be opened in 1975.
4.	Fertilizer mixing plant at Blantyre	n/a	K 200,000	n/a	Expected to be completed in 1974.

## M A L I

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Tea factory at Farako	100 tons of green tea	923,740,612 Mali FR including plantations	n/a	Under implementation

MAURITANIA

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Copper-steel industrial complex in Nouakchott	Expected capacity steel-1 m tons copper-30,000 tons	100,000 m CFA FR	6,000	Study is to be undertaken
2.	Oil Refinery at Nouadhibou	1 m tons	US\$65 m Mauritania and Voest-Alpine of Austria	n/a	Contract signed.

M O R O C C O

No	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Sugar cane mill (Mochra Bel Hsiri)	2,500 tons of cane daily	n/a	n/a	Expected to start up in Spring 1975.

# N I G E R I A

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Chemical fertilizer factory in Kaduna (superphosphate fertilizers and sulphuric acid)	100,000 tons	Naira 8 m	n/a	Agreement for construction with Japanese & Danish firms signed in March 1973
2.	Petroleum Refinery in Warri	n/a	n/a	n/a	Expected to be commissioned in 1976
3.	Petroleum Refinery at Kaduna	n/a	n/a	n/a	Expected to be commissioned in 1980/81
4.	Cement plant (Located in Western state)	600,000 tons	26 m Naira	n/a	Due to start up in 1976
5.	Tannery and shoe factory in North-East State	n/a	2.1 m Naira Italian firm Exportazioni Finanziamenti Fabbriche Estere is participating	n/a	Agreement signed in November 1973
6.	Textile plant near Gombe	720 looms & 20,000 spindles 25 m metres of cotton fabric	12 m Naira	3,000	Expert feasibility study is under way
7.	Cigarette factory in Zaria	4 mln. pcs	5 m Naira	700	Opened in 1973
8.	Tarpaulins and tarpaulin products factory	Initial output 2.3 sq. yards	n/a Joint venture	500	Trial production is due to start up by the end of 1974
9.	Cement factory in Lokoja	350,000 tons	32 m Naira	n/a	Decision announced
10.	Cement factory at Ashaka	n/a	12 m Naira	500	Construction work started
11.	Car assembly plant in Kaduna (Pougeot firm)	Projected production - 200,000 cars Initial production - 15,000 cars	8 m Naira	400	Construction work started

## N I G E R I A (cont'd)

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
2.	Ceramic factory at Abeokuta, Western State	Floor tiles, wall tiles, sanitary ware	4.5 m Naira	200	Decision approved
3.	Expansion of NBL Breweries in Aba, Lagos & Kaduna	Total present output -- 200,000 cartons/month	12 m Naira	n/a	Work started up in 1973
4.	Aluminium plant at Osodi	Various profiles - 2,400 tons	US\$4.8 m Joint venture	n/a	Due to start up by 1975
5.	Extension of fibre factory at Jos	New capacity 20 m bags	4 m Naira	2,500	Decision taken
6.	Flour mill in Kano	n/a	Share capital 3 m Naira	n/a	Expected to start up by the end of 1974
7.	Expansion of Nitrogen Chemicals	Up to 400,000 tons of chemical products incl. ammonium, acid nitric, ammonium nitrate	n/a	n/a	Expected to be implemented by 1975
8.	Asbestos sheets factory at Kaduna	400 tons of sheets	£400,000	300	Production has begun
9.	Tannery at Sokoto	n/a	4 m Naira	n/a	Experimental production has begun
10.	Wood processing complex at Calabar (Sawmill, furniture, plywood veneer and chipboards)	n/a	£26 m Nigerian partners - 51%	3,000	Construction work started
11.	Textile complex (Readymade garments, textile & synthetic)	n/a	Rumania - 49%	3,000	Construction work started
12.	Wood processing complex at Ondo	n/a	£7 m Rumanian participation	n/a	Construction work started
13.	Vegetable oil mill at Nguru	5 m tons of oil and 20,000 tons of animal feed cakes	2 m Naira	300	Planned

# N I G E R

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Refinery at Gaya	896,000 litres/day	3,620 m CFA FR	n/a	Proposed by the Ministry of Development and Co-operation.

## S E N E G A L

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Concentrated milk factory	n/a	n/a	n/a	Was expected to start up by the end of 1973.
2.	Foundry in Thies	n/a	n/a	n/a	Was expected to start up by the end of 1973.
3.	Nuts & bolts factory	n/a	n/a	n/a	Planned
4.	Second brewery	n/a	n/a	n/a	Planned
5.	Electric steelwork	n/a	n/a	n/a	Planned
6.	Paper pulp factory	n/a	n/a	n/a	Planned.
7.	Refinery	20,000 tons crude oil	n/a	n/a	Agreement signed.
8.	Note books and copy-books factory at Dakar	30,000 pcs/hour	Capital-150 m CFA FR	n/a	Under construction.



# S O M A L I A

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Foundry	400 tons of castings	n/a Somali Government, UNDP, UNIDO.	n/a	Construction started.

## S U D A N

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Steel mill	30 tons of round bars monthly	n/a Joint venture of the Sudan Steel Sheet Co. and Nippon Steel, Mitsubishi Corp.	n/a	Agreement signed.
2.	Sugar factory	n/a	US\$50 m The Lonrho Co.	n/a	Proposal included in the plan.
3.	Sugar refinery	36,400 tons by 1975-76; 153,000 tons by 1984-85	Total cost of project 19,32 of Kuwait, Dinars. Kuwait financial assistance	n/a	Loan of 4.5 Kuwaiti Dinars has been already agreed.

S W A Z I L A N D

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Ethylalcohol distillery	15 m litres Alcohol out of fermented mollasses	R 3 m	n/a	Plans for implementation are under way.
2.	Radio and TV sets factory at Matsapa	n/a	R 7 m. South African Group, Sharp Co. of Japan, Government of Swaziland	n/a	Production of Radio sets is expected to start up in January 1974 and TV sets in mid 1974.
3.	Tobacco factory at Matsapa	Pipe and cigar tobacco	Initial share capital R 150,000 NIDC of Swaziland and Rembrandt Tobacco Manufacturing Corp. of South Africa	n/a	Plans have been completed.

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No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Expansion of Ngomeni Twine & Rope factory near Tanga	Up to 40,000 tons of twine & ropes (present-4,500 tons)	Shs. 42 m	From 170 up to 700	Expected to be completed by 1975.
2.	Bicycle plant	60,000 units	n/a	n/a	Technical co-operation agreement with Atlas Cycle Industries Ltd. of India has been signed.
3.	Pharmaceutical workshop at Keno	115 m tablets (China is to supply all raw materials)	Shs. 3 m	n/a	Construction started in 1973.
4.	Extension of General Tyre Plant of E.A.Ltd. at Arusha	Up to 100,000 units of tubes & tyres	Shs. 8 m (Loan from EADB)	n/a	Expected to be completed by 1974.
5.	Leather factory at Morogoro with a shoe factory and canvas mill	Tannery-10 m sq.ft. Shoes-2 m leather prs., -2 m. canvas prs.	Shs. 155 m. Joint venture of Tanzanian Rumanian Governments	n/a	Expected to be completed within 2 or 3 years.
6.	Rice treating plant	n/a	Shs. 836,780 Nyanza Industrial Co.	n/a	Proposed for implementation.
7.	Distillery at Dar-es-Salaam	15-18,000 cartons of whisky, 10-12,000 cartons of brandy, 3,000 cartons of gin	n/a	n/a	Approved for implementation.

T U N I S I A

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Sponge iron plant	1 m tons of sponge iron	US\$55 m Technology is supplied by US firm Mid-Land Ross Corp. Financing- local & foreign firms	n/a	Proposed.

U G A N D A

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	African Textile Mill at Mbale (expansion)	From 20,000 m/day up to 40,000 m/day	n/a	n/a	Plan prepared

Z A I R E

No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Truck & buses assembly plant	Approx. 250 units	£1 m Majority interest British Leyland	n/a	Was due to start up by autumn 1973.
2.	Factory for drying and treating maize at Kasere	Project capacity 50,000 tons	US\$400,000 Belgian technical assistance	n/a	Started up.
3.	Cement works at Kisan-gani	n/a	Joint company with capital US\$92 m, Zaire-40 per cent, German group-51 per cent.	n/a	The company has been established.
4.	Iron works at Maluku	140,000 tons of steel, 100,000 tons of large and medium profiles, 47,000 tons of galvanized sheets	n/a The Government of Zaire and Italmimpianti-Demag	n/a	Under construction.

## Z A M B I A

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No.	Project	Annual capacity	Investment and Collaborators	Employment	Stage of Implementation
1.	Tea factory at Kawambwa	n/a	n/a Possibly a loan from the Commonwealth Development Corporation	n/a	Was expected to be completed by the end of 1973.
2.	Two bricks factory	130 m bricks	K.2.3 m (Bank of Montreal financing)	n/a	Estimated period of construction 15 months. Tenders are to be invited.
3.	Expansion of Kafue Nitrogen Chemicals (Ammonium, nitric acid, ammonium nitrate and sulphate)	Up to 400,000 tons	K 20 m	n/a	Tenders were expected to be called in July 1973. Work was to begin by the end of 1973; Operational by the end of 1975.
4.	Tannery at Kafue	300 skins/day	US\$2.5 m Zambia Bata Shoe Ltd., Societe Financiere Internationale	n/a	n/a
5.	Xanthates factory at Kafue	n/a	About K 2 m	n/a	Proposal under discussion.
6.	Explosives accessories factory (Fuses and detonators)	n/a	About K 8 m	300-400	Under study.
7.	Expansion of cement works in Ndola	Combined output of Chilanga and Ndola Works expected to be more than 650,000 tons	K 9.6 m	n/a 103	Works started up.
8.	Sawmill at Sesheke	n/a	n/a	170)	Loan for realization of both projects has been obtained from West Germany
9.	Sawmill at Livingstone Railway & mine sleepers, parquet, tool, pick & broom handles	n/a	n/a	)	
10.	VW car assembly plant	2,000 VW transporters 1,000 Mercedes Benz trucks a year	n/a Major holdings is to belong to INDECO	300-400	Plan has been announced by VW of West Germany.
11.	Oil refinery in Ndola	Starting capacity- 800,000 tons, full capacity 1 m tons	n/a INDECO	n/a	Was expected to start up in May 1973.
12.	Bottling factory at Lusaka	n/a	K 300,000	n/a	Has already been set up.
13.	Lime factory at Ndola	19,000 tons of lime/month	K 10.5 m	n/a	Major construction work completed in 1973.