



AfricaFertilizer.org

A Register of Fertilizer Manufacturing and Processing Plants in Sub Saharan Africa

*To feed our people
we must first
feed our soil.*

~ Olusegun Obasanjo

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2014 EDITION

AfricaFertilizer.org is a joint initiative led by IFDC, in partnership with AFAP, IFA, FAO, and the Africa Union to facilitate exchange of information about soil fertility, fertilizers and good agricultural practices in Africa



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INTRODUCTION

This is a Register of fertilizer manufacturing and processing plants known to be operational in Sub Saharan Africa as of March, 2014. For this register, South Africa has been included in the study, with all the manufacturing plants and some of the major processing plants registered. The Fertilizer Plant details were collected through a registration survey undertaken by the AfricaFertilizer.org (AFO) from the April 2013 to March 2014. The details were obtained in 3 main ways: directly from the listed companies by use of questionnaires, from company websites and secondary data from various fertilizer-oriented institutions.

For the purpose of this Register, the fertilizer plants are segmented into two categories:

- **Manufacturing Plants**- Those which undertake some type of chemical reaction to produce fertilizer. Typically these are large specific product plants such as Urea, Ammonium Nitrate, Phosphoric Acid plants etc.
- **Processing Plants**- Those which use pre-manufactured products to formulate products for end use. Typically these are blending and steam granulation plants.

The Register also includes:

- Organic fertilizer and micro-nutrient producers
- A section on proposed projects either under construction or likely to be operational within the next 5 years.

A total of 23 manufacturing and 38 processing plants provided sufficient information for the register.

Capacities listed are plant name plate capacities and not operational capacities.

Information on all plants listed in this register can be found on the AfricaFertilizer.org official website <http://www.africafertilizer.org/>. Additional plants have been mapped using public information but have not been listed in this register.

EXECUTIVE SUMMARY

Fertilizer manufacturing plants

There are 23 fertilizer manufacturing plants in SSA producing Nitrogen-based and Phosphate-based fertilizers. Also included are plants producing organic fertilizers and micro-nutrients.

Nitrogen

Notore Chemicals Industries Limited (Rivers State, Nigeria) and Sasol Nitro (Secunda, South Africa) are currently the only plants producing Urea and Ammonia, respectively, in SSA. Other plants producing Nitrogen based fertilizers import Ammonia to manufacture Ammonium Nitrate and Ammonium Nitrate based fertilizers i.e. CAN/LAN; and Ammonium Sulphate. They include International Raw Materials (IRM) producing Ammonium Sulphate in Madagascar, Nitrogen Chemicals of Zambia producing Ammonium Nitrate and Omnia Fertilizer producing Ammonium Nitrate and Ammonium Nitrate based fertilizers in South Africa.

There are several projects being considered, proposed or at various stages of construction for the production of nitrogenous fertilizers in SSA. In Nigeria there are four: Indorama Eleme Petrochemicals Limited, Dangote Group, Notore Chemical Industries Limited and Greenpark Petrochemical Company; in Cameroon, Ferrostaal and in Gabon, Olam. They are all looking at constructing Ammonia/Urea complexes.

Phosphates

There are 5 operational phosphates mines in SSA. They are located in Mali by Toguna Agro Industries, South Africa- Foskor Phalaborwa, Senegal- Industries Chimiques du Senegal (ICS), Togo- Societe Nouvelle des Phosphates du Togo (SNPT) and Tanzania- Minjingu Mines and Fertilizer Limited. They are all involved in the production of Phosphate Rock and various stages of processing.

Other Plants producing phosphate-based fertilizers i.e. SSP/TSP/DAP/MAP, include Kaffo Mines, Prime Gold Fertilizers & Chemicals Limited and Superphosphate Fertilizer and Chemicals Limited in Nigeria.

Additional Phosphate deposits have been identified and at different stages of exploration: They include: Mozambique's Vale- Evate Project, Tanzania's Minjingu Mines Project, Angola's Cabinda Project by Minbos Resources and Uganda's Sukulu Mines Project by Guangzhou Dongsong Energy Group.

Potash

There are no current manufacturers of Potash in SSA. There are 2 potash deposits that have been identified and being considered for development. They are Ethiopia's Danakil Potash Project by Allana Potash Corp and the Republic of Congo's Mengo Project by Magminerals Potash Corp.

Figures 1a), 1b) and 1c) are a summary of all the fertilizer manufacturing facilities in SSA by Nutrients produced.

Fig. 1a): Nitrogen manufacturing facilities in Sub Sahara Africa

NITROGEN				
Country	Plant Site	Company	Product	Year of Commissioning
Madagascar	Toamasina	International Raw Materials Limited	Ammonium Sulphate	2012
Nigeria	Rivers State	Notore Chemical Industries Limited	Urea	1988
South Africa	Secunda	Sasol Nitro	Ammonia Ammonium Sulphate Ammonium Nitrate	1985
South Africa	Sasolburg	Omnia Fertilizer	LAN Mineral Fertilizer Compounds	1953
Zambia	Kafue	Nitrogen Chemicals of Zambia	Ammonium Nitrate Mineral Fertilizer Compounds	1967
Zimbabwe	Kwekwe	Sable Chemical Industries	Ammonium Nitrate	1969

Fig. 1b): Soil supplements and micro-nutrient manufacturing facilities in Sub Sahara Africa

SOIL SUPPLEMENTS AND MICRO-NUTRIENT				
Country	Plant Site	Company	Product	Year of Commissioning
Nigeria	Kaduna	Cybernetics Nigeria Limited	Micro-nutrients	1985
Nigeria	Okpella	TAK Agro & Chemicals Limited	Lime supplements	1992
Tanzania	Tanga	Poli General Trading & Supplies Limited	Lime supplements	2002
Tanzania	Tanga	ABM Equipment Services Limited	Lime supplements	2012

Fig. 1c): Phosphate manufacturing facilities in Sub Sahara Africa

PHOSPHATES				
Country	Plant Site	Company	Product	Year of Commissioning
Kenya	Thika	Kel Chemicals	SSP Sulphuric Acid	1970
Mali	Tilemsi	Toguna Agro Industries	Phosphate Rock	2007
Nigeria	Niger State	Kaffo Mines Limited	SSP Lime supplements	2008
Nigeria	Port Harcourt	Prime Gold Fertilizer & Chemical Industries Limited	SSP TSP DAP	2009
Nigeria	Kaduna	Superphosphate Fertilizer & Chemicals Limited	SSP	1975
Senegal	Dakar	Industries Chimiques Du Senegal	Rock Phosphate Phosphoric Acid DAP	1976
Senegal	Dakar	Societe D'etudes et realisation des Phosphates	Phosphate Rock	2007
South Africa	Richards Bay	Foskor (Pty) Limited	Phosphoric Acid Sulphuric Acid MAP	1951
South Africa	Phalaborwa	Foskor (Pty) Limited	Rock Phosphate	1951
South Africa	Phalaborwa	Bosveld Phosphates (Pty) Limited	Phosphoric Acid Sulphuric Acid MAP SSP DAP	1980
Tanzania	Minjingu Village	Minjingu Mines and Fertilizer Limited	Phosphate Rock	1977
Togo	Kpeme	Societe Nouvelle des Phosphates du Togo	Phosphate Rock	1961
Zimbabwe	Harare	Zimbabwe Phosphate Industries Limited	Phosphoric Acid Sulphuric Acid Phosphate Rock TSP SSP	1958

Fertilizer processing plants

There is an installed capacity of approximately 5 Million MT based on annual name plate capacities of the 38 fertilizer processing plants listed in 18 countries. In West Africa, the installed capacity is approximately 3.2 Million MT, of which 43% is in Nigeria. In East and Southern Africa, the installed capacity is approximately 1.8 Million MT, with 35% in Zimbabwe.

Proposed projects will see an additional installed capacity 500,000MT in SSA, with the installation of 5 blending plants in Ethiopia by the Ethiopian Government and 1 granulation plants in Kenya by Mea Fertilizers.

Figure 2 and Figure 3 is a summary of all the fertilizer processing facilities in West Africa and East & Southern Africa

Fig 2. Fertilizer processing facilities by Country in West Africa

WEST AFRICA			
Country	Plant Site	Company	Year of Establishment
Burkina Faso	Bobo Dioulasso	CIPAM SA	2003
Cote d'Ivoire	Abidjan	Louis Dreyfus Commodities Cote D'Ivoire	2001
Cote d'Ivoire	Abidjan	Yara Cote D'Ivoire	1990
Ghana	Tema	Chemico Limited	2004
Mali	Bamako	Toguna Agro Industries	2000
Mali	Sikasso	Societe Generale des Fertilisants	2010
Niger	Niamey	SOAPAM SA	2013
Nigeria	Lagos	Golden Fertilizers	1998
Nigeria	Niger State	Kaffo Mines Limited	2008
Nigeria	Kaduna	MBS Merchants Limited	2013
Nigeria	Rivers State	Prime Gold Fertilizers & Chemicals Limited	2009
Nigeria	Gombe	Springfields Agro Limited	2000
Nigeria	Markudi	TAK Agro & Chemicals Limited	2001
Nigeria	Katsina	TAK Agro & Chemicals Limited	1998
Nigeria	Niger	TAK Agro & Chemicals Limited	1992
Nigeria	Kaduna	TAK Agro & Chemicals Limited	1988
Togo	Lome	Compagnie des Intrants Agricoles du Togo	2010
Togo	Lome	WABCO-COTIA SA	2007

Fig 3. Fertilizer processing facilities by Country in East and Southern Africa

EAST & SOUTHERN AFRICA			
Country	Location	Company	Year of Establishment
Ethiopia	Becho Wolliso	Becho Wolliso Plant	2014
Kenya	Nakuru	Mea Fertilizers	1977
Kenya	Athi River	Athi River Mining	2003
Malawi	Lilongwe	Malawi Fertilizer Company	1997
Malawi	Blantyre	Optichem 2000 Limited	1969
Mauritius	Port Louis	Mauritius Chemical Fertilizer Industry Limited	1975
Mauritius	Port Louis	Island Fertilizers Limited	2004
Mozambique	Chimoio	Mozambique Fertilizer Company	2007
Mozambique	Beira	Greenbelt Fertilizers	2011
Mozambique	Beira	Export Trading Group	2000
Mozambique	Beira	Omnia Fertilizer	1998
South Africa	Cato Ridge	Omnia Fertilizer	1990
South Africa	Cape Town	Omnia Fertilizer	1990
Tanzania	Minjingu Village	Minjingu Mines and Fertilizer Limited	2008
Zambia	Lusaka	Zambia Fertilizers Limited	2004
Zambia	Mazabuka	Greenbelt Fertilizers	2004
Zambia	Mkushi	Greenbelt Fertilizers	2010
Zimbabwe	Harare-Msasa & Aspindale areas	Zimbabwe Fertilizer Company	1955
Zimbabwe	Harare	Windmill	1950
Zimbabwe	Banket	Omnia Fertilizer	1998

WEST AFRICA REGION

BURKINA FASO

Manufacturing Plants

- None

Processing Plants



CIPAM SA

Contact: Adama Ganou, Plant Manager Tel: +226 78 036105 Email: adama@cipam.bf

Plant site: Bobo Dioulasso

Type of Plant: Blender

Products produced: Mineral fertilizer blends

Capacity: 200,000mtpy

Storage capacity: Unknown

Year Established: 2003

COTE D'IVOIRE

Manufacturing Plants

- None

Processing Plants



LOUIS DREYFUS COMMODITIES COTE D'IVOIRE

Contact: David Malard, Head of Fertilizer Tel: +225 21 215550 Email: david.malard@ldcom.com

Plant site: Abidjan

Type of Plant: Blender

Products produced: Mineral fertilizer blends & Lime supplements

Capacity: 25mtpy

Storage capacity: 10,000mt finished product

Year Established: 2001

YARA COTE D'IVOIRE

Contact: Karim Berthe, Operations Manager Tel: +225 21 215500 Email: karim.berthe@yara.ci

Plant site: Abidjan

Type of Plant: Blender

Products produced: Mineral fertilizer blends

Capacity: 250,000mtpy

Storage capacity: 40,000mt raw materials;
20,000mt finished product

Year Established: 1990

GHANA

Manufacturing Plants

- None

Processing Plants



CHEMICO LIMITED

Contact: Thompson Jacob Asare, Production Manager
Tel: +233 277 558039 Email: chemico@chemicogh.com

Plant site: Tema

Type of Plant: Drum blender

Products produced: Mineral fertilizer blends

Capacity: 150,000mtpy

Storage capacity: 55,000mt raw materials;
45,000mt finished product

Year Established: 2004

MALI

Manufacturing Plants



TOGUNA AGRO INDUSTRIES

Contact: Oumar Guindo, Director General
Tel: +223 20 203081 Email: omguindo@yahoo.fr

Plant site: Tilemsi

Products produced: Phosphate Rock

Capacity: 350,000mtpy

Storage capacity: 10,000mt raw materials;
10,000mt finished product

Year Established: 2007

Processing Plants



TOGUNA AGRO INDUSTRIES

Contact: Oumar Guindo, Director General Tel: +223 20 203081 Email: omguindo@yahoo.fr

Plant site: Bamako

Type of Plant: Doyle Blender & Ribbon Blender

Products produced: Mineral fertilizer blends

Capacity: 200,000mtpy

Storage capacity: 10,000mt raw materials; 10,000mt finished product

Year Established: 2000

SOCIETE GENERALE DES FERTILISANTS (SOGEFERT)

Contact: Ousmane Sidibe, Proprietor Tel: +223 76 403115 Email: ousmane.sibide@gmail.com

Plant site: Sikasso

Type of Plant: Layco by Yargus-Declining Weight Blender

Products produced: Mineral Fertilizer Blends

Capacity: 1,000mtpd

Storage capacity: Unknown

Year Established: 2010

NIGER

Manufacturing Plants

- None

Processing Plants



SOAPAM SA

Contact: Paul Henri Sedogo, Director General Tel: +227 90 003333 Email: sedogo@gmail.com

Plant site: Niamey

Type of Plant: Layco by Yargus Declining Weight Blender

Products produced: Mineral fertilizer blends

Capacity: 200,000mtpy

Storage capacity: 12,000mt raw materials; 15,000mt finished product

Year Established: 2013

NIGERIA

Manufacturing Plants



CYBERNETICS NIGERIA LIMITED

Contact: Pius Kole-Kames, Managing Director Tel:

+234 805 3158852 Email:

piuskolejames@yahoo.com

Plant site: Kaduna

Products produced: Micro-nutrients

Capacity: 2500mtpy

Storage capacity: 850mt raw materials; 1500mt finished product

Year Established: 1985

KAFFO MINES LIMITED

Contact: Essom Emmanuel Egoma, Plant Manager

Tel: +234 809 2870962 Email:

kaffomines2@yahoo.com

Plant site: Niger State

Products produced: SSP & Lime supplements

Capacity: 10,000mtpy SSP & 28,000mtpy Lime supplements

Storage capacity: 6,000mt raw materials; 9,000mt finished product

Year Established: 2008

NOTORE CHEMICAL INDUSTRIES LIMITED (NCIL)

Contact: Innocent Okuku, Group Head- Commercial

Service Tel: +234 12 798079 Email:

innocent.okuku@notore.com

Plant site: Rivers State

Products produced: Urea

Capacity: 500,000mtpy

Storage capacity: Unknown

Year Established: 1988

SUPERPHOSPHATE FERTILIZER & CHEMICALS LIMITED

Contact: Danjuma Etuh, ED-Operations. Tel: +234

8023075528 Email: danjuma@itl.eu.com

Plant site: Kaduna

Products produced: SSP

Capacity: 100,000mtpy

Storage capacity: 150,000mt raw materials; 20,000mt finished product

Year Established: 1975

PRIME GOLD FERTILIZER & CHEMICAL INDUSTRIES LIMITED

Contact: Isreal Abali, Plant Manager Tel: +234 703

5195443 Email: info@primegoldfertilizers.com

Plant site: Port Harcourt

Products produced: SSP, TSP & DAP.

Capacity: 30,000mtpy SSP; 30,000mtpy TSP & 30,000mtpy DAP

Storage capacity: 3000mt raw materials; 2,800mt finished product

Year Established: 2009

Other: Also produce MOP & Mineral fertilizer compounds

TAK AGRO & CHEMICALS LIMITED

Contact: Egbaran Emmanuel Oloye, General Factory

Manager Tel: +234 805 0752167 Email:

emmaoloye@gmail.com

Plant site: Okpella

Products produced: Lime supplements

Capacity: 65,000mtpy

Storage capacity: 40,000 raw materials; 6,000 finished products

Year Established: 1992

Processing Plants



GOLDEN FERTILIZERS

Contact: Ale Oluseun, Plant Manager Tel: +234 803 3093343 Email: oale@fmnplc.com

Plant site: Lagos

Type of Plant: A.J Sackett Gravity blender

Products produced: Mineral fertilizer blends

Capacity: 250,000mtpy

Storage capacity: 25,000mt finished products

Year Established: 1998

SPRINGFIELD AGRO LIMITED

Contact: Mohammed Tongo, Plant Manager, Tel: +234 803 4489270 Email: customer-service@springfielddagro.com

Plant site: Gombe

Type of Plant: Layco by Yargus Blender

Products produced: Mineral fertilizer blends

Capacity: 34,000mtpy

Storage capacity: 15000mt raw materials; 30,000mt finished product

Year Established: 2000

MBS MERCHANTS LIMITED

Contact: Misbahu Bello Sani, Chief Executive Officer, Tel: +234 803 3115786 Email: misbahubello@gmail.com

Plant site: Kaduna

Type of Plant: Ranco Blender

Products produced: Mineral fertilizer blends

Capacity: 400,000mtpy

Storage capacity: 150,000mt raw materials; 200,000mt finished product

Year Established: 2013

PRIME GOLD FERTILIZERS & CHEMICALS LIMITED

Contact: Isreal Abali, Plant Manager Tel: +234 703 5195443 Email: info@primegoldfertilizers.com

Plant site: Rivers State

Type of Plant: Blender

Products produced: Mineral fertilizer blends

Capacity: 120mtpd

Storage capacity: 3,000mt raw materials; 2800mt finished product

Year Established: 2009

KAFFO MINES LIMITED

Contact: Essom Emmanuel Egoma, Plant Manager Tel: +234 809 2870962 Email: kaffomines2@yahoo.com

Plant site: Niger State

Type of Plant: Blender

Products produced: Mineral fertilizer blends

Capacity: 140,000mtpy

Storage capacity: 6,000mt raw materials; 9,000mt finished product

Year Established: 2008

TAK AGRO & CHEMICALS LIMITED

Markudi Plant

Contact: Abulkadir Danjuma Etuh, Executive Director-Operations Tel: +234 802 23075528

Email: danjuma@tak-group.com

Plant site: Markudi

Type of Plant: Blender

Products produced: Mineral fertilizer blends

Capacity: 108,000mtpy

Storage capacity: 25,000mt raw materials; 30,000mt finished products

Year Established: 2001

Katsina Plant

Contact: Kabir Bashir, General Manager Tel: +234 803 4511000 Email: kabirmajah@yahoo.com

Plant site: Katsina

Type of Plant: Volumetric Blender

Products produced: Mineral fertilizer blends

Capacity: 120,000mtpy

Storage capacity: 10,000mt raw materials; 20,000mt finished product

Year Established: 1998

Niger Plant

Contact: Moses Akanet, Operation Manager Tel: +234 802 9122885 Email: moses@tak-group.com

Plant site: Niger

Type of Plant: A.J Sackett Gravity Blender

Products produced: Mineral fertilizer blends

Capacity: 300,000mtpy

Storage capacity: Unknown

Year Established: 1992

Kaduna Plant

Contact: Pollit Rotgam, Operations Manager Tel: +234 803 3619029 Email: fnckad@gmail.com

Plant site: Kaduna

Type of Plant: A.J Sackett Gravity Blender

Products produced: Mineral fertilizer blends

Capacity: 300,000mtpy

Storage capacity: Unknown

Year Established: 1988

SENEGAL

Manufacturing Plants



INDUSTRIES CHIMIQUES DU SENEGAL (ICS)

Contact: Mame Baye, Directeur du site engrais,
Tel: +221 338 791000 Email: icssg@ics.sn

Plant site: Dakar

Products produced: Rock Phosphate,

Capacity: 250,000mtpy of Rock Phosphate

Storage capacity: Unknown

Year Established: 1976

Other: Also produce Phosphoric acid, DAP & Mineral fertilizer compounds

SOCIETE D'ETUDES ET DE REALISATION DES PHOSPHATES (SERPM)

Contact: Eugene Ngor Faye, Directeur Tel: +221 338 256900 Email: serpm@orange.sn

Plant site: Dakar

Products produced: Phosphate Rock

Capacity: 25,000mtpy

Storage capacity: Unknown

Year Established: 2007

Processing Plants

- Information awaited



TOGO

Manufacturing Plants



SOCIETE NOUVELLE DES PHOSPHATES DU TOGO (SNPT)
Contact: Michel Kezie, Director General Tel: +228 33 18012 Email: snpt@phosphatesdutogo.com
Plant site: Kpeme
Products produced: Rock Phosphate
Capacity: 3,300,000mtpy
Storage capacity: Unknown
Year Established: 1961

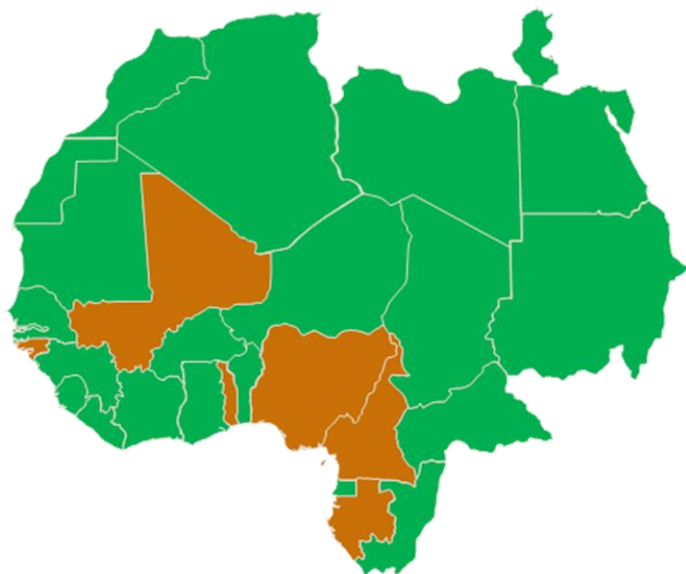
Processing Plants



COMPAGNIE DES INTRANTS AGRICOLES DU TOGO (CIAT)
Contact: Messounaba Oukpedjo, Directeur Tel: +228 22 210525 Email: omessounababa@yahoo.fr
Plant site: Lome
Type of Plant: EMT Blender
Products produced: Mineral fertilizer blends
Capacity: 150,000mtpy
Storage capacity: 25,000mt raw materials; 15,000mt finished product
Year Established: 2010

WABCO-COTIA
Contact: Yann Pronost, Plant Manager Tel: +228 90 574723 Email: yann.pronost@wabcocotia.com
Plant site: Lome
Type of Plant: Blender
Products produced: Mineral fertilizer blends
Capacity: 300,000mtpy
Storage capacity: 75,000mt raw materials; 20,000mt finished product
Year Established: 2007

NEW PROJECTS



CAMEROON

FERROSTAAL

Construction of an Ammonia/Urea Complex in Limbe
 It is a joint venture between Ferrostaal, Euroil & the National Hydrocarbons Company (NHC)
 Expected capacities: 600,000 ton/year- Ammonia & 700,000 ton/year-Urea
 Expected completion: Unknown. Gas contract signed May 2013

GABON

OLAM

Partnering with the Gabon Government to construct an Ammonia/Urea complex at a “green field site”.
 Expected capacity: 1.4 million ton/year
 Expected completion: Construction not started

GUINEA BISSAU

GB MINERALS- FARIM PHOSPHATE PROJECT

Deposit: Farimi with a reserve size of 33million tons of Phosphate rock
 Stage: EISA due Q2 2014, Bankable Feasibility, end 2014.
 Start Q2 2017
 Expected capacity: 1 million ton/year of Rock Concentrate

MALI

GREAT QUEST- TILEMSI PHOSPHATE PROJECT

Deposit: Tilemsi with a reserve size of 50 million tons of Phosphate rock
 Stage: Seeking funding for 30,000ton pilot plant

NIGERIA

INDORAMA ELEME PETROCHEMICALS LIMITED (IEPL)

Construction started of an Ammonia/Urea Complex at their “brown field site” in Port Harcourt, Rivers State
 Expected capacity: 1.4 million ton/year-Toyo Technology
 Expected completion-End of2015

DANGOTE GROUP

Construction of an Ammonia/Urea Complex in the \$9 Bill refinery/ petrochemical complex to be built in the OK-LNG Free Trade Zone, between Ogun and Ondo States.
 Expected capacity: 2.8 million ton/year Urea plant- Siapam technology & TATA Consulting- Project management
 Expected completion- End of 2016

GREENPARK PETROCHEMICAL COMPANY (GCP):

Construction of an Ammonia/Urea Complex in Ologbo, Edo State.
 700,000 tons/year Urea plant
 Expected completion: End of 2016.

NOTORE CHEMICALS INDUSTRIES LIMITED (NCIL)

Construction of an 2nd train Ammonia/Urea Complex at “brown field site” at Onne, Rivers State. 2nd train is a joint venture with Mitsubishi Corporation
 Expected capacity: 1.2 million ton/year.
 Expected completion: Construction not started

TOGO

CARBONATED PHOSPHATE PROJECT

Deposit: Carbonated Phosphates with a reserve size of 2 billion tons
 Togo govt. to partner with Elenilto
 Expected capacity: 5 million ton/year
 Stage: Govt. identified 3 prospective partners.
 Choice to be announced in next months

EAST AND SOUTHERN AFRICA REGION

ETHIOPIA

Manufacturing Plant

- None

Processing Plants



BECHO WOLLISO PLANT

Contact: Ministry of Agriculture & Rural Development Email: moav@telecom.net.et

Plant site: Becho Wolliso

Type of Plant: Layco by Yargus Blender

Products produced: Mineral fertilizer blends

Capacity: 100,000mtpy

Storage capacity: Unknown

Year established: 2014

KENYA

Manufacturing Plants



KEL CHEMICALS

Contact: Dr. M. L. Vishwakarma. Tel: +254 733 625444/+254 772 583313. E-mail:

mlv.india@gmail.com

Plant site: Thika

Products produced: SSP & Sulphuric Acid

Capacity: 200,000mtpy SSP & 26,400mtpy Sulphuric Acid

Storage capacity: Unknown

Year established: 1970

Processing Plants



MEA FERTILIZERS

Contact: Daniel Ndegwa. Sales Director Africa. Tel: +254 727 232220. E-mail: ndegwa@mea.co.ke

Plant site: Nakuru

Type of Plant: Layco by Yargus Vertical Blender.

Products produced: Mineral fertilizer blends.

Capacity: 200,000mtpy.

Storage capacity: 6,000mt raw materials; 15,000mt finished products

Year established: 1977

ATHI RIVER MINING

Contact: Dave Satish. Ass. General Manager. Tel: +254 733 501650. E-mail: dave.satish@armafrica.com

Plant site: Athi River

Type of Plant: Drum blender & Pan Granulator

Products produced: Mineral fertilizer blends.

Capacity: 30,000mtpy.

Storage capacity: 4,000mt raw materials.

Year established: 2003

MADAGASCAR

Manufacturing Plants



INTERNATIONAL RAW MATERIALS MATERIALS LIMITED (IRM)

Contact: Timothy Mahoney. Business Development Manager. Tel: +1 215 7046319. E-mail: BusinessDevelopment@irm.com

Plant site: Toamasina

Products produced: Ammonium Sulphate

Capacity: 210,000mtpy

Storage capacity: 10,000mt finished products.

Year established: 2012

Processing Plants

- None

MALAWI

Manufacturing Plants

- None

Processing Plants



MALAWI FERTILIZER COMPANY

Contact: Steven Taljaard. Financial Controller/
Director. Tel+265 999 844779. E-mail:
staljaard@farmersworld.net

Plant site: Lilongwe

Type of plant: Doyle Blender

Products produced: Mineral fertilizer blends

Capacity: 60,000mtpy

Storage capacity: 15,000mt raw & finished products.

Year established: 1997

OPTICHEM 2000 LIMITED

Contact: Bobby Singh. Director. Tel: +265 888
921889. E-mail: bobby@optichem2000.com

Plant site: Blantyre

Type of plant: Granulator

Products produced: Mineral fertilizer blends

Capacity: 100,000mtpy.

Storage capacity: 8,000mt raw materials; 7,000mt
finished products.

Year established: 1969

MAURITIUS

Manufacturing Plants

- None

Processing Plants



MAURITIUS CHEMICAL FERTILIZER INDUSTRY LIMITED

Contact: Harold Lai. Operations Manager. Tel: +230 525 93107 E-mail:

haroldlai@mcfi.intnet.mu

Plant site: Port Louis

Type of Plant: Granulator & Ranco Blender

Products produced: Mineral fertilizer Compounds & Blends

Capacity: 50,000mtpy blends & 50,000mtpy compounds.

Storage capacity: 15,000mt raw materials; 8,000mt finished products.

Year established: 1975

ISLAND FERTILIZERS LIMITED

Contact: Arnauld Leclezio. Managing Director. Tel: +230 525 40210 E-mail: alec@im.intnet.mu

Plant site: Port Louis

Type of Plant: Layco by Yargus Vertical Blender

Products produced: Mineral fertilizer blends

Capacity: 20,000mtpy

Storage capacity: 6,000mt raw materials; 500mt finished products.

Year established: 2004

MOZAMBIQUE.

Manufacturing Plants

- None.

Processing Plants



MOZAMBIQUE FERTILIZER COMPANY

Contact: Phillip Venter. Country Manager. Tel: +258 847 157700 E-mail: phillip@mozfert.com

Plant site: Chimoio

Type of plant: Blender

Products produced: Mineral fertilizer blends

Capacity: 50,000mtpy.

Storage capacity: 10,000mt raw materials; 3,000mt finished products.

Year established: 2007

GREENBELT FERTILIZERS

Contact: John (Porky) Christie Smith. General Manager. Tel: +258 828 096106. E-mail: porky.csmith@greenbelt.co.mz

Plant Site: Beira.

Type of Plant: Ranco Volumetric blender.

Products produced: Mineral fertilizer compounds

Capacity: 80,000mtpy.

Storage capacity: 20,000mt raw materials; 5,000mt finished products

Year established: 2011

OMNIA

Contact: Thinus Rabie. Tel: +258 846 313108. E-mail: thinusrabie@omnia.co.za

Plant site: Beira

Type of plant: Bagtech-Ribbon blender

Capacity: 40mtpy

Storage capacity: 15,000mt finished products

Year established: 1998

EXPORT TRADING GROUP (ETG)

Contact: Hemant Mehta. Sr. Chemist. Tel: +258 845 784382 E-mail: hemant.mehta@etgworld.com

Plant site: Beira.

Type of plant: Granulator

Products produced: Mineral fertilizer compounds

Capacity: 60,000mtpy.

Storage capacity: 25,000mt raw & finished products

Year established: 2000

SOUTH AFRICA

Manufacturing Plants



FOSKOR (PTY) LIMITED

Richards Bay Plant

Contact: Dok Gert van Der Linde. Consultant: Strategy & New business. E-mail:

DokGert@foskor.co.za

Plant site: Richards Bay

Products produced: Phosphoric Acid, Sulphuric Acid & MAP

Capacity: 640,000mtpy of Phosphoric Acid, 2,200,000mtpy of Sulphuric Acid & 400,000mtpy of MAP.

Storage Capacity: Unknown

Year established: 1951

Phalaborwa Plant

Contact: Marius Porteus. E-mail:

mariusp@foskor.co.za

Plant site: Phalaborwa

Products: Rock Phosphate

Capacity: 2,600,000mtpy

Storage capacity: 800,000mt finished products

Year established: 1951

OMNIA FERTILIZER

Contact: Johan Peek. Tel: +27 784 597933. E-mail: jpeek@omnia.co.za

Plant site: Sasolburg

Products: Nitric Acid and Mineral fertilizer compounds

Capacity: 70,000mtpy

Storage capacity: 70,000mt finished products

Year established: 1953

BOSVELD PHOSPHATES (PTY) LIMITED.

Contact: Ravesh Dukey. Marketing Manager. Tel: +27 837 765837. E-mail:

ravesh@bosveldafrica.co.za

Plant site: Phalaborwa

Products produced: Phosphoric Acid, Sulphuric Acid, MAP, SSP & DAP

Capacity: 600,000mtpy Phosphoric Acid, 120,000mtpy Sulphuric acid, 100,000mtpy MAP, 60,000mtpy SSP & 138,000mtpy DAP.

Storage capacity: 51,000mt raw materials; 35,000mt finished products

Year established: 1980

SASOL NITRO

Contact: Dawie Ras. Export Manager Tel: +27 828 017949 Email: dawie.ras@sasol.com

Plant site: Secunda

Products produced: Ammonia, Ammonium Sulphate & Ammonium Nitrate.

Capacity: 660,000mtpy Ammonia, 100,000mtpy Ammonium Sulphate & 330,000mtpy Ammonium Nitrate.

Storage capacity: Unknown

Year established: 1985

Other: Also produce Nitric Acid

Processing Plants



OMNIA

Cato Ridge Plant

Contact: Braam Stiglingh. Tel: +27 836 420555.

E-mail: bstiglingh@omnia.co.za

Plant site: Cato Ridge

Type of plant: Batch-ribbon blender

Capacity: 35mtph

Storage capacity: 5,000mt finished products

Year established: 1990

Cape Town Plant

Contact: Gordon Baird. Tel: +27 836 003860. E-

mail: gbaird@omnia.co.za

Plant site: Cape Town

Type of plant: Continuous Paddle blender

Capacity: 30mtph

Storage capacity: 10,000mt finished products

Year established: 1990

TANZANIA.

Manufacturing Plants



MINJINGU MINES AND FERTILIZER LIMITED

Contact: Anup Modha. General Manager Tel: +255

784 655000 E-mail: gm@minjingu mines.com

Plant site: Minjingu village.

Product produced: Phosphate Rock

Capacity: 100,000mtpy.

Storage capacity: 2,000mt raw materials; 20,000mt finished products.

Year established: 1977

ABM EQUIPMENT SERVICES LIMITED.

Contact: Ben Maimu. Managing Director. Tel: +255 653 703170. E-mail: ben_abmfertilizers@yahoo.com

Plant site: Tanga

Products produced: Lime supplements (Lime, Dolomite & Gypsum)

Capacity: 12,700mtpy lime supplements consisting of 3,600mt Lime, 3,600mt Dolomite, 5,000mt Gypsum & 500mt Magnesium.

Storage capacity: 60mt raw materials; 200mt finished products

Year established: 2012

POLI GENERAL TRADING & SUPPLIES LIMITED

Contact: Paul Peter Akyoo. CEO. Tel: +255 754 267139. E-mail: palsonltd@live.com

Plant site: Tanga

Products Produced: Lime supplements

Capacity: 10,800mtpy

Storage capacity: 12,000mt finished products.

Year established: 2002

Processing Plants



MINJINGU MINES AND FERTILIZER LIMITED

Contact: Anup Modha. General Manager

Tel: +255 784 655000 E-mail:

gm@minjingu mines.com

Plant site: Minjingu Village.

Type of plant: Granulator & Blender

Products produced: Mineral fertilizer compounds.

Capacity: 100,000mtpy.

Storage capacity: 2,000mt raw materials; 20,000mt finished products.

Year established: 2008

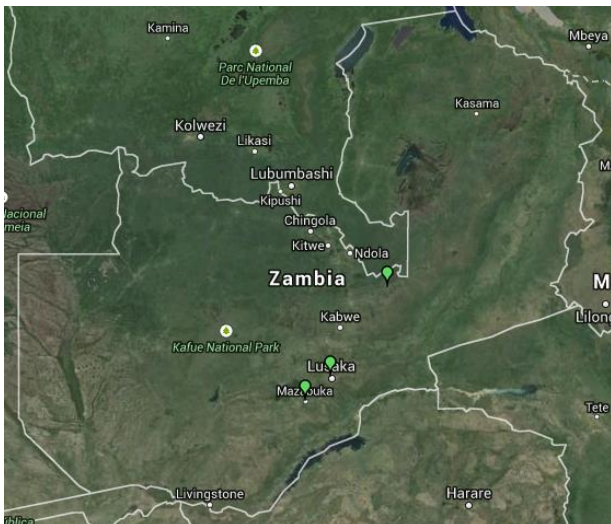
ZAMBIA.

Manufacturing Plants



NITROGEN CHEMICALS OF ZAMBIA (NCZ)
Contact: Benard Malisawa. Quality Assurance Superintendent. Tel: +260 977 416173. E-mail: malisawabernard@gmail.com
Plant site: Kafue
Products Produced: Mineral fertilizer compounds
Capacity: 252,000mtpy.
Storage capacity: 70,000mt raw materials; 65,000mt for finished product products.
Year established: 1967
Other: Also produce Ammonium Nitrate and Nitric Acid

Processing Plants



GREENBELT FERTILIZERS
Mazabuka Plant
Contact: Duncan Malcom. Factory Manager. Tel: +260 978 778414. E-mail: operations@greenbelt.co.zm
Plant site: Mazabuka
Type of plant: Blender
Products produced: Mineral fertilizer blends
Capacity: 70,000mtpy.
Storage capacity: 15,000mt raw & finished products.
Year established: 2004

ZAMBIA FERTILIZERS LIMITED (ZFC)
Contact: James Chisenga. Production Manager. Tel: +260 977 768011. E-mail: jameschisenga@yahoo.com
Plant site: Lusaka
Type of Plant: Granulator
Products produced: Mineral fertilizer compounds
Capacity: 16,000mtpy
Storage capacity: 1000mt raw materials; 300mt finished products.
Year established: 2004

Mkushi Plant
Contact: Deborah Ann Barker. Plant Manager. Tel:+260 974 771834. E-mail: gbfmkushi@greenbelt.co.zm
Plant site: Mkushi
Type of plant: Blender
Products produced: Mineral fertilizer blends
Capacity: 20,000mtpy.
Storage capacity: 12,000mt raw materials; 3,000mt finished products.
Year established: 2010

ZIMBABWE

Manufacturing Plants



ZIMBABWE PHOSPHATE INDUSTRIES LIMITED (ZIMPHOS)

Contact: Mashingaidze Tapuwa. General Manager. Tel: +263 772 51562. E-mail: alvinmashingaidze@gmail.com

Plant site: Harare

Products Produced: Phosphoric Acid, Sulphuric Acid, Phosphate Rock, TSP and SSP.

Capacity: 45,000mtpy Phosphoric acid, 75,000mtpy Sulphuric acid, 150,000mtpy Phosphate Rock, 40,000mtpy TSP & 200,000mtpy SSP.

Storage capacity: 32,000mt raw materials; 20,000mt finished products.

Year established: 1958

SABLE CHEMICAL INDUSTRIES LIMITED

Contact: Allen Manhanga. Operations Manager. Tel: +263 772 342414 E-mail: allan.manhanga@sablechemicals.co.zw

Plant site: Kwekwe

Products produced: Agricultural grade Ammonium Nitrate

Capacity: 240,000mtpy

Storage capacity: 2,000mt raw materials.

Year established: 1969

Processing Plants



ZIMBABWE FERTILIZER COMPANY (ZFC)

Contact: Elizabeth Bore. Manufacturing Executive.

Tel: +263 774 222468. E-mail: boree@zfc.co.zw

Plant site: Harare- Msasa & Aspindale areas

Type of plant: Blender

Products produced: Mineral fertilizer compounds and blends.

Capacity: 150,000mtpy blends & 200,000mtpy compounds.

Storage capacity: 28,000mt raw materials; 34,000mt finished products.

Year established: 1955

WINDMILL

Contact: Mr. Wilson Gopoza. Marketing Manager.

Tel: +263 4334911. E-mail:

gopoza@windmill.co.zw

Plant site: Harare

Type of plant: Granulator and Blender

Products produced: Mineral fertilizer compounds and blends

Capacity: 200,000mtpy compounds & 75,000mtpy blends

Storage capacity: 56,000mt finished products

Year established: 1950

OMNIA

Contact: Mark Tindle. Tel: +263 772 248276. E-

mail: mtindle@omnia.co.za

Plant site: Banket

Type of plant: Paddle blender

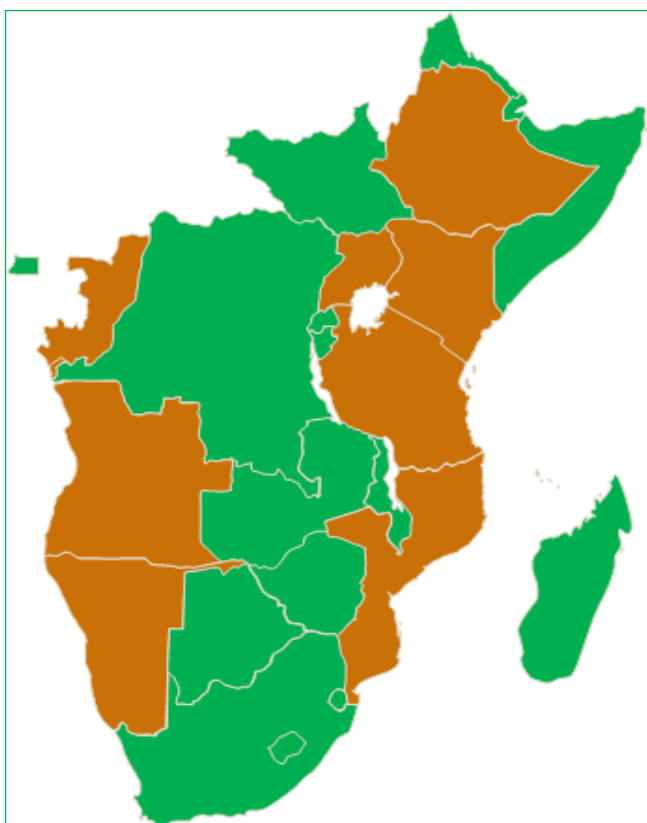
Products produced: Mineral fertilizer blends

Capacity: 30mtpy

Storage capacity: 25,000mt finished products

Year established: 1998

NEW PROJECTS



ANGOLA

MINBOS RESOURCES-CABINDA PROJECT

Deposit: Cacata with a reserve size 30.4 million tons of Phosphate rock

Partner with Mitrelli Group

Stage: Bankable Feasibility ongoing

ETHIOPIA

ALLANA POTASH

Deposit: Danakil Depression with a reserve size of 23.7 million tons of Potash

Partnering with Israel Chemicals Limited (ICL)

Stage: FEED contract signed August 2014

Expected start up 2Q 2016—ramp up to full production 2017

ETHIOPIAN GOVERNMENT

Installation of 4 Blenders to the Oromia, SSNP, Tigray and Afar Regions

Capacities: 100,000mtpy

Expected installation: 2015

KENYA

MEA FERTILIZERS

Importation of a Fertiplant Granulation plant

Capacity: 100,000mtpy

Expected commencement: 2015.

MOZAMBIQUE

VALE MOÇAMBIQUE-EVATE PROJECT

Deposit: Evate with a reserve size of 155-200 million tons of Phosphate rock

Stage: Completed reserve evaluation and feasibility-not public

NAMIBIA

NAMIBIA PHOSPHATES AND MINESWEEPER

Deposit: Off-shore continental shelf with a reserve size of 3,833 million tons of Phosphate rock

Stage: Halted by Namibian Government—18 month moratorium.

REPUBLIC OF CONGO

MAGMINERALS POTASH CORP - MENGO PROJECT

Construction of a Potash production plant in Pointe-Noire

2 Potash reserves of 33.7 million tons

Expected capacity: 1.2 million tons/year

Partnering with Congolese subsidiary MagMinerals

Potasses Congo SA

Stage: General contract with ECEC signed in July 2013

Expected completion: 2Q of 2016

MINBOS RESOURCES LIMITED-KANZI PROJECT

Deposit: Kanzi with a reserve size 66 million tons of Phosphate rock

Have 49% in shareholding

Stage: Bankable Feasibility Study to be conducted

TANZANIA

MINJINGU MINES AND FERTILIZERS LIMITED

Deposit: Minjingu (pyramids) with a reserve size of 100 million tons of Phosphate rock

Stage: Assessments to evaluate growth options.

UGANDA

GUANGZHOU DONGSONG ENERGY GROUP

Deposit: Sukulu with a reserve size of 202 million tons of Phosphate rock

Stage: Resource assessment and Feasibility over next 2year

Expected completion: 2016

SAVANNAH COMMODITIES

New Bulk Blending Project using a Layco by Yargus Declining Weight Blender

Capacities: 50mtph

Expected Installation: 2015