



DANGOTE PETROLEUM REFINERY & PETROCHEMICALS FZE

History Made...







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“Our new petroleum refinery is coming with many benefits”

Aliko Dangote
President/CE, Dangote Industries Limited

The Dangote Petroleum Refinery Project is amongst our many initiatives towards supporting the transformation agenda of the Federal Government. The Government is focused on turning Nigeria into a manufacturing hub, by adding value to our natural resources through processing and refining.

Our goal is to produce within Nigeria most of the goods that were usually imported despite having abundant resources for domestic manufacturing of the same goods. Our investment in cement manufacturing has made Nigeria self-sufficient, thereby transforming us from an import-dependent to a cement exporting nation. We commissioned Dangote Fertiliser Plant in March 2022. With the nation now self-sufficient in the production of fertiliser, the surplus is going for the export market thereby generating crucial foreign exchange earnings for the country.

We conceived Dangote Petroleum Refinery & Petrochemicals as an answer to the perennial shortage of premium motor spirit (PMS) in the country. The completion of the project is another milestone for us at Dangote Industries Limited. It is the largest single-train refinery in the world with 650,000 barrels per day Refining Capacity. It marks the attainment of self-sufficiency in domestic refining of petroleum products and provides excess capacity in refined products, which will now go for the export market.

The Refinery is designed to maximise gasoline production, which will account for 53 per cent of the production capacity, compared to most of the refineries in the world which produce between 20 to 25 per cent gasoline. The petroleum refinery can meet 100 per cent of the requirements of Nigeria, of all the

liquid fuel products - Gasoline (PMS), Diesel (AGO), Kerosene (DPK) and Aviation Jet Fuel (Jet A-1).

Our new petroleum refinery is coming with many benefits. Refined petroleum is the main source of energy in transport and powering of machines. The byproducts are also the basic materials of many diverse products as plastics, pharmaceuticals, solvents, fertilisers, pesticides, and clothing.

Our strategy of producing locally goods that were hitherto imported creates jobs in the domestic economy instead of providing jobs in developed economies, the source of the imported goods. With the coming on stream of this refinery, thousands of direct and indirect jobs are already being generated from the activities and operations connected to the project. These jobs are helping to address the challenge of youth unemployment.

We envisage that 60 per cent of the production capacity of this petroleum refinery can meet the entire requirement of Nigeria while the remaining 40 per cent is earmarked for export. Exporting refined petroleum products will not only save the huge amounts of foreign exchange but will also trigger massive inflow of the same into the domestic economy. The retained market foreign exchange can be invested in other projects that will stimulate more diversification of the Nigerian economy.

We surmounted numerous obstacles in our journey to build this refinery. To bring Over Dimensional Cargoes close to the site, we developed a port with four quays, which has a quay loading bearing capacity of 25 tonnes per square meters. This was done to bridge the distance between Apapa Port and our project site. The company also invested in 2,570 construction equipment including 2,238 civil construction equipment and 332 mechanical construction equipment.

The Petrochemical Plant is designed to produce 77 different high-performance grades of polypropylene. Petrochemical is the source of raw materials for many manufacturing and assembling plants. Products from the plant will serve as raw materials for the production of polyvinyl chloride (PVC), which is used extensively across a broad range of industrial, technical, and everyday applications including widespread use in building, transport, packaging, electrical/electronic and healthcare applications.

These new projects will no doubt, create linkages in the Nigerian economy leading to the evolution of ancillary industries that will use their byproducts as starting materials.

Linkages are vital in sustainable economic and industrial development



Devakumar Edwin

Group Executive Director, Strategy, Portfolio Development & Capital Projects
Dangote Industries Limited

The 650,000 barrels per day Dangote Petroleum Refinery & Petrochemicals is a game changer. It has the capacity to meet Nigeria's daily need of refined petroleum products. Foreign exchange expended in import of such products are now to be reinvested in other projects. It is expected that a major outcome of this project will be the evolving of more linkages in the Nigerian economy.

Linkages are vital in sustainable economic and industrial development. Many new manufacturing outfits are to emerge which depend on both the products and by-products of the refinery as feedstock in their production processes. These linkages will create more jobs, add value to Nigeria's crude oil products and at the same time produce more raw materials for local manufacturing.

The distributive system which sees Nigeria as an end destination will now have it as country of origin. The change comes with attendant benefits as vessels will berth and queue in Nigeria to receive products for export.

Part of our strategy at Dangote Petroleum is designed to process large variety of crudes including many of the African Crudes, some of the Middle Eastern Crudes and the US Light Tight Oil. Thus the refinery will have continuous supply of crude oil if there are disruptions in supply from Nigerian oil fields.

Here at Dangote Petroleum, we have decided to maximise the refining of premium motor spirit (PMS) that is gasoline, which is in high demand. Refining of gasoline will account for 53 per cent of the production capacity compared to 22 per cent as obtained in existing refineries in Nigeria. In doing this, we intend to maximise value addition, extracting maximum value from every barrel of crude.



Dangote Refinery – A Paradise for the Visionary

Sanjay Gupta

Chief Executive Officer, Commissioning
Dangote Petroleum Refinery

The 650,000 BPSD Dangote Refinery is a State-of-the-Art Complex which provides a huge opportunity for Nigeria to imprint their footsteps towards prosperity and glory in the history of Hydrocarbon Mega Complexes across the globe. A significant Refinery coupled with a Poly Propylene Complex at Dangote is designed essentially for Gasoline Maximisation. However, it provides enough avenues for enhancing distillate production as well. Coupled with one of the largest Single Train Crude Distillation Unit, the Project is unique with the world's biggest RFCC, meant to upgrade the Reduced Crude Oil to value added products. Since Gasoline maximisation is the key objective, the Diesel Hydrotreater is equipped to crack diesel to enhance the gasoline pool as well as diesel pool. Similarly, all the light and heavy naphtha is upgraded in PENEX & CCR Units respectively to augment the Gasoline Pool. The light ends from the Refinery are alkylated to produce high octane streams for the gasoline pool. To add to the product profile, the refinery produces considerable propylene, which is converted into poly propylene as an initial foray into first stage Petrochemicals. In times to come, the opportunity of processing sourer crudes in the complex, could be investigated for enhancing the Refining Crude State flexibility and exploit technology to use the economies of scale for enabling cascading growth of the Nigerian economy further.

The refinery has been designed to produce stringent product quality (Euro IV & V including Afriv IV & V). Not only that Refinery is ready to support Country's Auto Fuel Policy in future for Govt.

It is also worthwhile to mention that Dangote Refinery has implemented state-of Art technique to optimise energy consumption for entire Refinery Complex. A primary objective of the Energy

Optimisation is to target world class energy performance for the Dangote Refinery.

To accomplish these goals, energy improvement scenarios were evaluated during design stage and implemented. Dangote Refinery can be considered the most energy efficient and ultimate Industry benchmark in the world within peer competitors (energy usage per barrel of feed).

The Refinery is designed to meet stringent environmental specifications and provides an opportunity for zero discharge. The Refinery is therefore backed by a State-of-the-Art Effluent Treatment Plant and Water Recycling System.

Pursuant to the challenging times of Design & Construction of a gargantuan Complex, the Refinery start-up/Commissioning and Operation activity are under way. It would nevertheless be prudent to imagine, that a gas Integrated large Refinery is bound to create the center stage for an exciting future, where high-end Petrochemicals could be produced from the Complex. Located in immediate proximity of a Fertiliser Plant, the Refinery provides an opportunity of capturing CO₂ in future and adding Urea chains to the complex, based on additional Ammonia production, or outsourcing Green Ammonia. Tail Gases from the Hydrogen Plant offer an opportunity of examining microbe-based technologies, such as Lanza Tech, to produce Ethanol to either boost the gasoline pool, or enable generation of naphtha feedstock for a future Olefin Complex.

The Complex provides a unique opportunity of integration of a Refinery cum Fertiliser cum Petrochemical Complex. It is the ultimate dream/vision of entrepreneurship to be realised to propel Nigeria into the league of a mega Distillate cum Petrochemical producer in the World with world scale sized processing facilities for LAB, Polyethylene, Glycols, Nitric Acid, Niche Petrochemicals etc. The Dangote Refinery Petrochemical Complex is an unenviable opportunity for the whole of Africa to rationalise the feedstock basket, through useful exploitation of optimal combinations of Gas, Condensate, NGL to penetrate the Refining and Petrochemical products far and wide into the hinterland, to boost the overall economy and the living standard of the African sub-continent.

“A balance of speed, safety, environmental-friendliness and overall protection of man and machinery was consistently under vigil ”



Dr. Adenike Fajemirokun

Group Executive Director, Office of the President/
Group Chief Risk Officer, Dangote Industries Limited

The construction of Dangote Petroleum Refinery & Petrochemicals presented a huge challenge in terms of managing the multi-faceted risks associated with projects of such magnitude with Nelson Complexity Index of 12.5. The high-level risk awareness of the Dangote Group was brought to bear in identifying, assessing, measuring, mitigating, and transferring the Project Risks, Security Risks and Logistics Risks to mention a few. Management of these risks provided solutions that mitigated the expected impact of the challenges. For instance, the project required the importation of over 100,000 containers and a large number of Over-Dimensional Cargoes (ODCs), the Logistics Risk Management for this operation was a major challenge. One of the solutions in managing this risk was the diversion of several pieces of ODC equipment for the refinery project to the newly purpose-built Dangote Jetty instead of discharging the cargoes at the several port terminals at Apapa. This decision mitigated the risk of transporting such equipment via the inland water ways which had several overhead bridges, and would have required waiting for the tides to subside before these equipment can be ferried safely under the spans of the bridges. We must acknowledge the huge savings we made in time and cost by using the Dangote Jetty as port of discharge for these equipment.

Most of the large ODCs envisaged in the Project are perhaps the largest in the world. The single largest column weighing 2600 Tonnes, Reactors weighing up to 1500 MT, Regenerator duly refractory lined and with internals, ranging between 2000 to 3000 Tonnes and several columns ranging between 6 - 8 Meters in diameter with height up to 5 - 7 Meters and beyond, weighing between 1000 to 1500 Tonnes have extensively posed challenges, both of logistics, as well as, handling of cargo at site.

There was the challenging task to mitigate the risk around handling of over dimensional equipment in terms of their installation by ensuring that most of the equipment were lifted as a single unit. For these, heavy-duty cranes from Mammoet were organized to ensure safe and timely installation of major equipment and machinery in the complex. These opened avenues and fronts for construction, making it safer and relatively risk free for uninterrupted construction to progress at a time when several contractors and sub-contractors were fully mobilized and functional at site on various fronts pertaining to equipment erection, structure erection, tankages, miscellaneous civil works, electrical and instrumentation works. These were also the times where the security risks were managed effectively, while ensuring that all interfacing issues were properly addressed.

For a large project such as the Dangote Refinery, which consists of the world's largest single train refinery, largest Residual Fluid Catalytical Cracking (RFCC), one of the largest Mild Hydrocracker Units and perhaps one of the biggest MS Blocks

posed a variety of challenges, which warranted several construction equipment to be mobilized for dexterous handling of large cargo in terms of mobilizing Axels, Hydraulic Jacks, plethora of cranes and several other vital pieces of machinery.

Similarly, for the civil works, numerous Rigs for piling, several Batching Plants for producing concrete, Road Compactors and Rollers, Pavers, Backhoes, Dumpers, and trucks for material handling etc. had to be purchased for efficient and proficient handling of construction activities to synchronize with the speed of work that was required for construction works to be undertaken at brisk pace. Automated arrangements for cable pulling, underground piping, laying pre casting of concrete and development of massive prefabrication yards were a critical feature around which, both a balance of speed, safety, environmental-friendliness and overall protection of man and machinery was consistently under vigil including a proper daily audit of personnel and machines.

At peak times, the Refinery witnessed the manpower strength of over 50,000 personnel for which it was ensured that account for every man, woman and machine on site at the beginning and close of business was maintained on daily basis. These were exciting, busy and hectic times but it was ensured that we did not lose any man hour in the construction process. Truly, it was challenging providing security for thousands of workers on the site during the hectic construction process time. Another risk management solution was the transfer of risk through collaboration with global insurance firms to provide cover for the project. I am glad that several world class insurance companies provided cover during the construction process and are still providing the required cover. It has been immensely satisfying, identifying and mitigating all risks associated with this historic project.



Mild Hydrocracking (MHC) - South Wing

Who We Are

The Dangote Petroleum Refinery and Petrochemicals, a subsidiary of Dangote Industries Limited, is the world's Largest single train petroleum refinery. The 650,000 barrels per day (bpd) crude oil refinery is located in Dangote Industries Free Zone, Ibeju-Lekki, Lagos, Nigeria.

What We Do

The Dangote Petroleum Refinery is an industrial plant that transforms crude oil into various usable petroleum products such as diesel, gasoline, jet fuel and kerosene.



Our Core Values





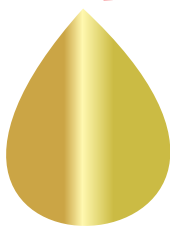
Aerial view of Heat Recovery Generator for Captive Power Plant

Our Scope of Operations

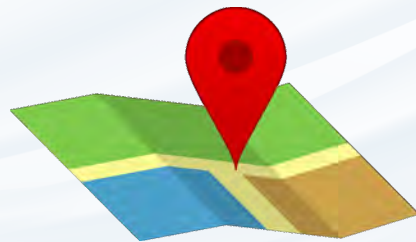
Dangote Petroleum Refinery, which has the capacity to refine 650,000 barrels of crude oil per day, covers an area of approximately 2,635 hectares and is located in the Dangote Industries Free Zone, Ibeju-Lekki, Lagos.

2,635
hectares

650,000



Barrels of crude oil per day







Crude Oil Distillation Unit (CDU)



Products of Quality

The refinery will produce Euro-V quality gasoline and diesel, as well as jet fuel and polypropylene.

GASOLINE		Euro-V quality
DIESEL		
JET FUEL		
POLYPROPYLENE		

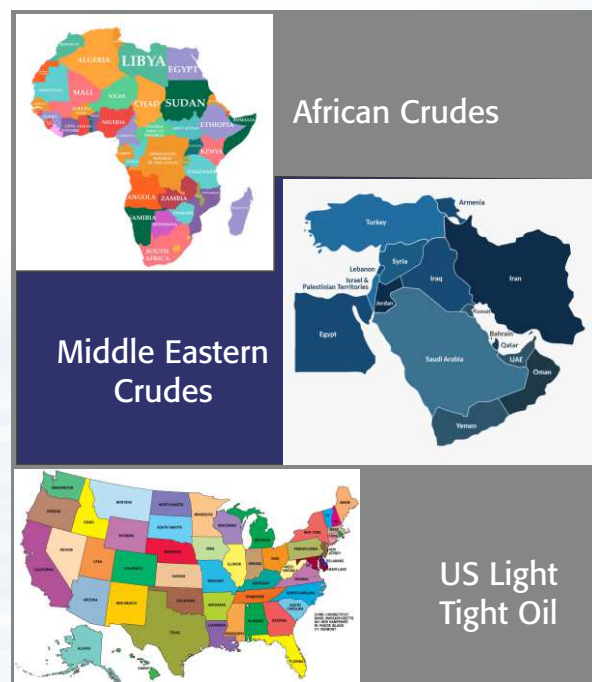


NHT + PENNEX + CCR (North Wing)

Versatility

The Refinery is designed to process large variety of crudes including many of the African Crudes, some of the Middle Eastern Crudes and the US Light Tight Oil.

CRUDES





Dangote Jetty

Target Markets & Petroleum Sufficiency

Dangote Petroleum Refinery can meet 100% of the Nigerian requirement of all liquid products (Gasoline, Diesel, Kerosene & Aviation Jet) and also have surplus of each of these products for export.

Meet

100%

of the Nigerian requirement
of all liquid petroleum
products



World Class Technology

The refinery is designed to use the latest technology to comply with stringent guidelines and regulations to protect the local environment, and at the same time produce the latest environmentally friendly petroleum products for worldwide markets.

Major Equipment

MAJOR EQUIPMENT	Nos
Reactors	51
Columns	62
Vessels	443
Heat Exchangers	557
Air Coolers	489
Pumps	1055
Tanks	153
TOTAL	2,810

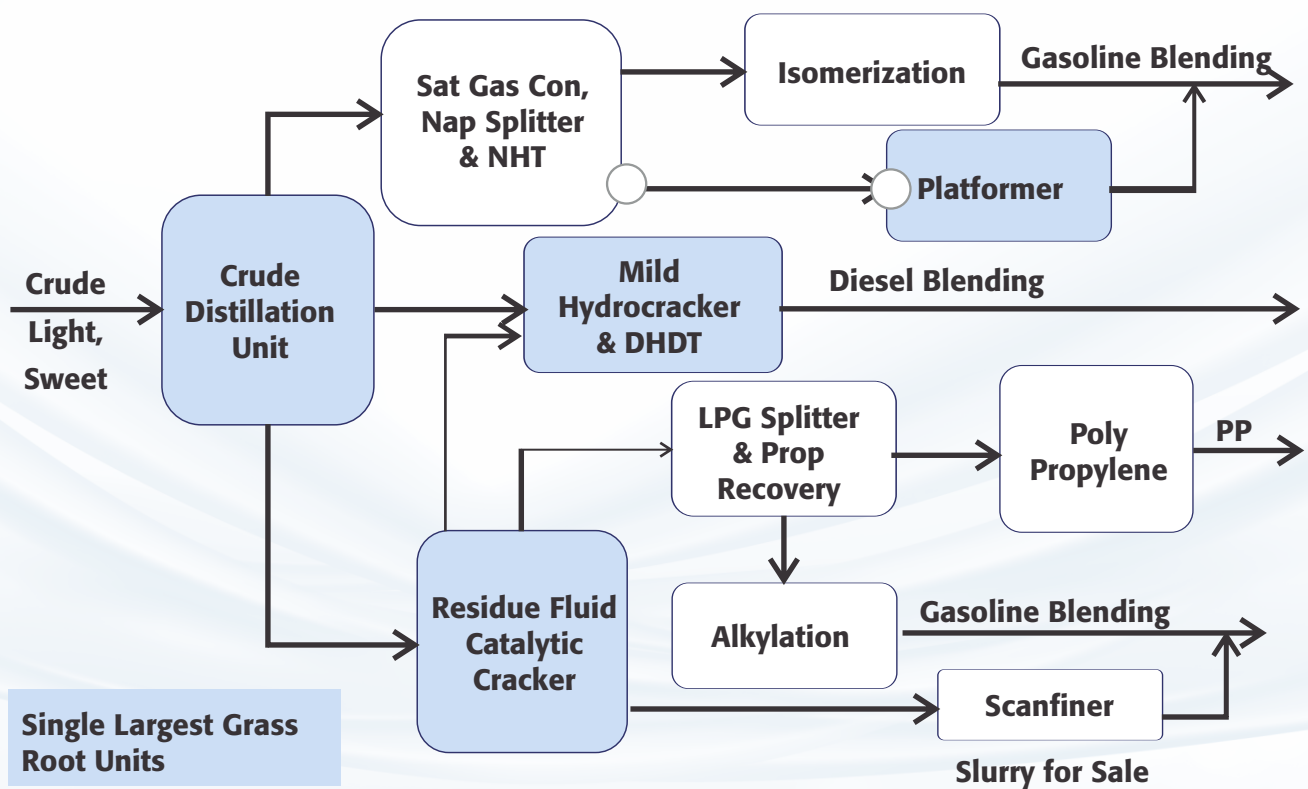


Fuel Requirement in Nigeria & Supply from Dangote Refinery

Products	Production Mil lit/day	Consumption Mil lit/day	Surplus Mil lit/day
Gasoline	53	33	20
Kerosene	10	9	1
Aviation Jet	2	1	1
Diesel	34	18	16
Total	99	61	38



Refinery Configuration





Tank Farms

Total Tanks

177

Capacity

4.742
billion litres

Product Evaluation

The dispatch facilities by road (Tanker) for the product (Gasoline, Diesel, Kerosene/Jet Fuel, Propane and Slurry) is up to 80% of the total production and up to 75% through Marine Facilities

Year-round operation for road loading operation.

Refinery has been designed for 10 different scenarios for Base Crude / Alternate Nigerian Crude & Condensate. (Escravos, Abo, Akpo, Antan, Bonga etc.)



Gantry Loading Arms

Loading Facilities

Total tanker loading of 2,900. This number is based on tanker capacity of 33 KL.

Total tanker loading

2,900



By-products

Polypropylene
900,000 KTPA



Sulphur
36,000 KTPA





An Extraordinary Project

The Dangote Refinery project is particularly complex, featuring engineering, procurement, construction, pre-commissioning, and related storage facilities, all located in the Dangote Industries Free Zone Area of Ibeju-Lekki, Lagos

EPC Contractor

Dangote is one of the few companies in the world executing a Petroleum Refinery and a Petrochemical complex directly as an Engineering, Procurement, and Construction (EPC) Contractor. Globally, apart from three companies, no individual owner has done the complete EPC Contract for a Petroleum Refinery.



Dangote Refinery Units & Licensors

Unit	Lines	Licensor
CDU	1	UOP
Mild Hydrocracker	1	UOP
NHT	1	UOP
Platforming	1	UOP
Penex-DIH	1	UOP
RFCC	1	UOP
FCCG HDT	1	EMRE (Exxon)
Alky	1	Dupont
Butamer	1	UOP
Sulphur Recovery	2	Jacobs
Hydrogen	2	Air Liquide
Polypropylene	1	INEOS

- Nelson Complexity Index of 9.5 - higher complexity to extract maximum value
- Basic Engineering by UOP, DuPont, EMRE, Jacobs, AL & INEOS
- Detailed Engineering by Engineers India Limited







Housing Units

Temporary housing units on the premises can house 33,000 persons

33,000
persons

Quality of the Plant

The refinery design conforms to World Bank, US EPA, EU and Department of Petroleum Resources (DPR) emission / effluent norms.



Power Plant

The Refinery has its own dedicated steam and power generation system with adequate standby units for reliable / uninterrupted utility supply to operating plants.

435 MW



Power Plant in Refinery





Marine Facility

1 Self sufficient marine facility with ability for freight optimisation.

2 Largest single order of 5 SPMs anywhere in the world.

3 2 crude SPM for unloading ships up to ULCCs.

4 3 product SPM for product exports up to Suez Max vessels.

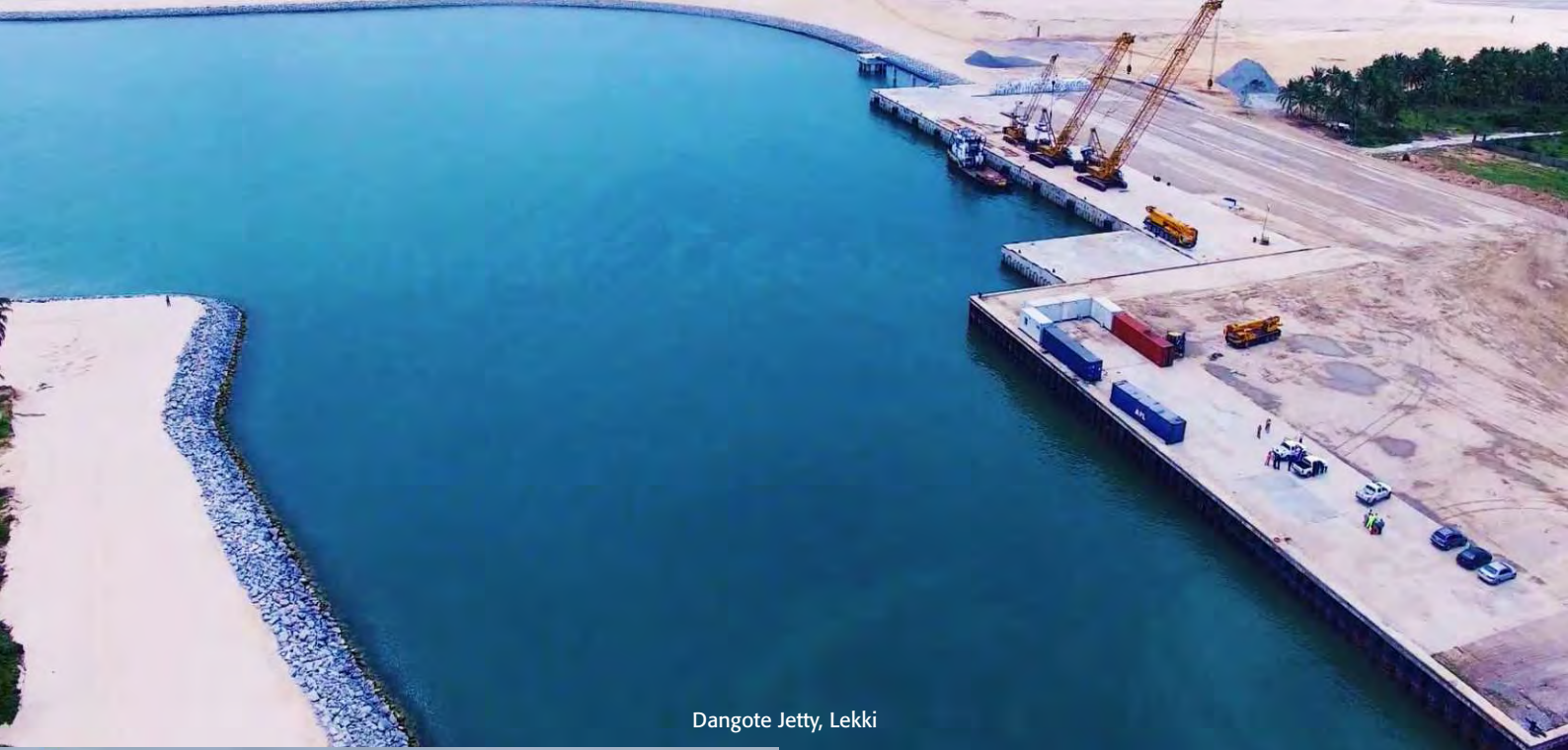
5 2 X 48" sub sea crude pipelines with interconnection.

6 3 X 24" subsea pipelines for products and imports.

7 120 km subsea pipeline.

8 Crude offloading capacity – **108,500** barrels/hour (17.25 million lits/hr).

9 Product loading capacity – **77,000** barrels/hour (12.32 million lits/hr).



Dangote Jetty, Lekki



Roll-on/Roll-off Quay

Dangote Industries has developed port and constructed quays with a load bearing capacity of 25 tonnes/ sq metres to bring Over Dimensional Cargoes close to the site directly to handle liquid cargoes. The Jetty is situated at distance of 12.3 km from the refinery thereby effectively reducing the travel time



Health, Safety and Environment

Dangote Petroleum Refinery maintains high standards for all its business practices, valuing health, safety, environment and rights for its employees, compliance with all applicable local and international laws, and being a committed partner to host communities, governments and also environment-friendly.

Safety Standards

- All units & utilities conform to world-class safety standards and codes such as API, AFPM, etc
- Complete fire protection system with international SAFE practice
- Suitable instrumentation to ensure alarm & trip to avoid material / personal damage
- HAZOP and SIL studies done with independent chairmen
- All process units, utilities and offsite systems designed & analysed for exigency scenario & mitigation measures through ESD Logic



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Logistics

Over 1,029 trucks to improve the capacity of the local logistics

Employment Generation

- Over 100,000 indirect employment at retail outlets.
- Ease of availability of product - help open up service stations.
- 16,000 trucks for transport will create additional jobs.



Local Content Development

Artisans: We have trained over 400 artisans selected from host communities in the areas of Masonry, Carpentry, AC Electricians, Plumbing, Welders, Iron-benders and Auto Mechanics in collaboration with the Nigerian Directorate of Employment and Nigerian Content Development and Monitoring Board

Manpower Development

Training of 900 young engineers in refinery operations outside the country. Another six Mechanical Engineers trained in the GE University in Italy. 50 Process engineers trained by Honeywell/UOP for six months; 50 Management Trainees; secondment for succession. Currently six selected and under training in ABU for R & D in Zeolites in conjunction with NCDMB



Air Emission Control Measures

- Units designed to meet EU & USEPA Standards
- Ambient air quality monitoring stations
- Mobile monitoring stations

Waste Water Treatment & Reuse

- Liquid effluent streams generated within the refinery are treated in a central effluent treatment plant. Part of the treated effluent reused for DM water generation/ fresh water makeup within refinery
- Central effluent treatment plant comprises of OWS/ Process Effluent Chain, Contaminated Rain Water Treatment Chain, Sanitary Effluent Treatment Chain and Spent Caustic Treatment Chain



Beyond Envisaged Investments

- 70% of the site was swamp and the land had to be reclaimed
- 65 million cubic metres of sand filling costing approx. Euro 300 million, elevate the height by 1.5 metres, to insure against any potential impact of increase in mean sea level due to global warming.

Employment Generation

In terms of employment generation, over 30,000 are currently working at the petroleum refinery project site, through various contractors. When operational, the petroleum refinery is going to generate over 100,000 direct and indirect jobs for Nigerian youths



Civil Construction

We bought over 1,209 pieces of equipment to enhance the local capacity for site works since even Julius Berger, Dantata & Sawoe, Hi-Tech etc. are unable to handle some portions of our construction requirement.

We built the world's largest stone quarry of 10 million tonnes per year production capacity.

We have set up the world largest ready-mix 13 million cubic metre concrete capacity at any given location to produce ready mix concrete including 82 concrete pumps and 203 transit mixers.

Mechanical Construction

We bought 332 cranes to build up equipment installation capacity since the current capacity in Nigeria is extremely poor.

We have developed a port and constructed two quays with a load bearing capacity of 25 tonnes/ sq meter to bring Over Dimensional Cargoes close to the site directly.





Project Benefits in Nigeria

- 1 Technology.
- 2 Employment.
- 3 Power generation
- 4 Professional development.
- 5 Production of petrochemicals.
- 6 Increased demand for domestic crude.
- 7 Unhindered availability of the product.
- 8 Development of local area and ancillary industries
- 9 Availability of high quality products (Euro V Grade).

Creates market for

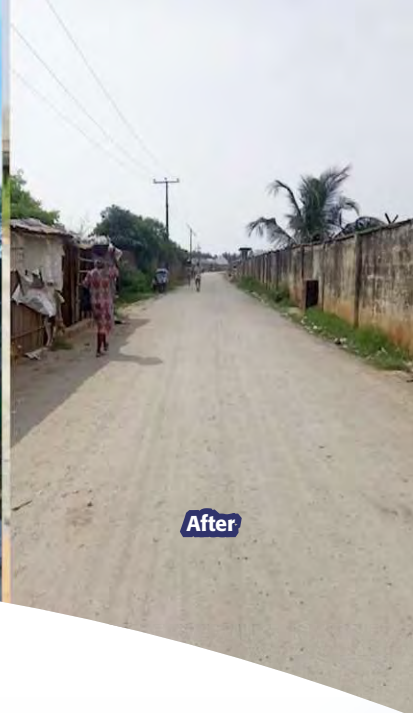
\$21 BILLION PA

of Nigerian Crude



Our Commitment

We strive to make a difference in the social lives of host communities through investments that simultaneously provide lasting community benefits and direct business value.



Our Social Impact

- Mobile Clinics -collaboration with local Govt. for free consultation
- Diagnosis, provision of drugs for ailments like malaria, fever etc.
- Construction of Schools, Hospitals / Community Health Centres
- Access to micro credit system & merit scholarships.
- Health Program -Eye treatment & health awareness campaign.
- Educational Development Program.
- Institutionalise scholarships for meritorious candidates.
- Enhance Infrastructure in host community primary schools.
- Construction of computer training centre for indigenous youth.
- **Youth Empowerment Program:** - Promotion of vocational training and - establishment of computer training centres.
- Development & training of youth entrepreneurs.
- Partnering the Lagos State government and Siemens in the skills development of the local community for employment at the construction site. We have already trained and employed 400 artisans.
-



Key Takeaways

The project utilised the coordination of various local and international suppliers and the coordination of multi-cultural work teams.



Dangote Group

Dangote Industries Limited (Dangote Group) is one of Africa's largest industrial conglomerates. It is a diversified and fully integrated conglomerate with an annual group turnover in excess of US\$4billion. It has been a key investor in the Nigerian economy. The Group's interests include cement, sugar, salt, fertiliser, agriculture and real estate, with ongoing new projects in the oil and gas, petrochemical, and steel sectors of the economy.

The core business focus of the Group, which started operations in 1978, is to provide local, value-added products and services that meet the 'basic needs' of the populace. Through the construction and operation of large-scale manufacturing facilities in Nigeria and across

17 other African countries, Dangote Group is focused on building local manufacturing capacity to generate employment, prevent capital flight and provide locally produced goods for the people.

As a Group, we recognise the perceived difficulty of doing business in Nigeria, and across Africa, especially in the manufacturing sector. However, we also believe that the potential for growth in Africa and the opportunities available in value added manufacturing remain attractive, despite the obstacles.

We also believe the future growth of African economies will be built on the ability of the continent to harness the value of its resources internally and to supply our vast and fast



Dangote Group (Cont'd)

growing consumer population with the goods and services they rely on. We aim to supply their 'basic needs'.

Our Business Units include Dangote Cement PLC, Dangote Sugar Refinery PLC, NASCON Allied Industries PLC, Dangote Rice Limited, Dangote Academy, Dangote Petroleum Refinery and Petrochemicals FZE, Dangote Fertiliser Limited, Dangote Packaging Limited, Dangote Ports Operations, Dangote Transport Limited, Dangote Sinotruk West Africa Limited, Dangote Projects, Dangote Coal Mines Limited, Dangote Steel, Dangote Granite Mines Ltd., Aliko Dangote Foundation and Dangote Construction Limited.

Our subsidiary, Dangote Cement is Africa's leading cement producer with nearly 46Mta

capacity across Africa. A fully integrated quarry-to-customer producer, we have a production capacity of 29.25Mta in our home market, Nigeria. It is on the strength of this that we export cement to ECOWAS countries. We have eliminated Nigeria's dependence on imported cement and transformed the nation into an exporter of cement.

In philanthropy, Aliko Dangote Foundation (ADF) is the private charitable foundation of our President, Aliko Dangote. It was incorporated in 1994 with the mission to enhance opportunities for social change through strategic investments that improve health and wellbeing, promote quality education, and broaden economic empowerment opportunities. It has become



Dangote Group *(Cont'd)*

the largest private Foundation in sub Saharan Africa, with the largest endowment by a single African donor.

The primary focus of ADF is child nutrition, with interventions centred on health, education and empowerment, and disaster relief. Aliko Dangote endowed the Foundation with the equivalent of \$1.25bn. The Foundation also supports stand-alone projects with the potential for significant social impact.

In one of its biggest collaborations to date, Aliko Dangote Foundation started working in partnership with the Bill and Melinda Gates Foundation and key northern State Governments in Nigeria from 2013 to eradicate polio and strengthen routine immunisation in Nigeria.

In the energy sector, we are seeking to help the country create more efficient industrial and energy infrastructure, via strategic investments in upstream and downstream projects. We are building the world's largest single train Refinery and Petrochemical Complex in Africa. The Refinery has the capacity to refine 650,000 barrels of crude oil per day while the Petrochemical Plant has the capacity to produce 900,000 metric tonnes per year (MTPY) of Polypropylene.

Our passion to transform the Nigerian economy is already evident in our commissioned and active 3 million metric tonnes per annum (mmtpa) of Urea and Ammonia fertiliser plant. Dangote's investment in petroleum refining, petrochemical and fertiliser is in excess of \$22.5 billion.





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