

**Company Profile** 

FOUNDED BY AFRICANS FOR AFRICA



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# WHAT WE DO

DNG Industrial is a subsidiary of DNG Energy specialising in manufacturing and supplying of cryogenic and industrial gas storage, transport, and processing equipment. We are also a supplier of mining and industrial consumables, such as piping, fittings, flanges, steel in all grades of material and a range of valves under DNG Steel & Pipe division.

DNG Industrial is committed to sustainable practices pertaining to the environment, the economy, our people through sustainable labour practices and human rights. We are also committed to the manufacturing of quality products that comply with high levels of manufacturing standards set by the various accreditation organisations.

The DNG Industrial arm comprises two divisions, namely:

- 1. DNG Cryogenics
- 2. DNG Steel & Pipe

**DNG INDUSTRIAL (PTY) LTD** 

# **BUSINESS DIVISIONS**



DNG CRYOGENICS (continued)

Quality management is at the core of the business. The commitment of DNG Cryogenics to sustainable practices for the environment, economy, and society ensures the alignment of manufacturing standards to meet rigorous accreditation requirements.

The range of standard equipment manufactured and supplied by DNG Cryogenics features:

- Cryogenic Storage Tanks
- Cryogenic Road Tankers
- Cryogenic Vaporisers
- Vacuum Insulated Piping
- Food Preservation
- Cryobiology
- Transformer Conditioning
- **Process Control Equipment**

DNG Cryogenics also carries out prototype turnkey projects and developments. From cylinder filling to bulk storage and liquid transfer systems, the design and installation of projects meet the customer's needs. For example, DNG Cryogenics can supply a complete cylinder filling plant with pumps, vaporisers, and manifolds. There is also the option for stations to be permanently installed onsite or skid mounted.

DNG Cryogenics is an approved supplier to several local and international gas companies. All equipment supplied undergo stringent testing before going into service to meet all client code, and health and safety criteria.



# **BUSINESS DIVISIONS**



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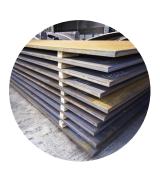
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# **PRODUCT RANGE**



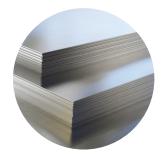




Steel Plates



Steel Sections



Steel Sheets



Knife gate valves



Diaphragm valves



Butterfly valves



Angles



Flanges



Fencing

# **DNG ENERGY**

DNG Energy was founded in 2013 by South African entrepreneur, Aldworth Mbalati, with the vision of achieving energy security and stability.

As a 100% black-owned African entity, DNG Energy is creating a pan-African Liquefied Natural Gas (LNG) supply network. A widescale infrastructure programme will see a US\$5 billion investment to bring this affordable energy alternative to the market.

The initial development and infrastructure expansion programmes are being planned for South Africa, Mozambique, and Nigeria.

DNG Energy is looking at the LNG value chain from source to consumption holistically.

The environmental, social, and economic benefits that come with the use of LNG include helping South Africa to meet its targets in reducing greenhouse gas emissions, driving economic growth, and improving the lives of all citizens.

As a first step in contributing to sustainable development, DNG Energy is championing the use of LNG for road and maritime transport, specifically for minibus taxis, trucks, buses, and ships. LNG is a new way of delivering energy. It offers the market a cleaner, cheaper fuel alternative where transactions are digital as well as safe.

The transport of LNG from exporting countries to South Africa will happen predominantly by sea. DNG Energy has commissioned South African Shipyards in Durban to build an 8,000 ton LNG Barge that will be moored at Coega. This is the largest vessel by weight ever to be built on the African continent and will come into service in 2021.

DNG Energy is ISO 9001, 14001, and 45001 certified, representing its commitment to excellence, quality, and ongoing improvement.



## **OUR VISION**

Energising a brighter future

## **OUR MISSION**

- Bring energy security and supply stability to Africa, using cleaner and affordable energy solutions to help mitigate climate change while stimulating economic growth and social cohesion.
- Commit to bring cleaner smart fuel and energy to people, organisations, and communities.

# **OUR VALUES**

Everything we do is underpinned by transparency and integrity as we pursue and instill:

- Excellence
- Consistency
- Creativity
- Resourcefulness

# **OUR GOALS**

- Transform South Africa's energy landscape through the advancement of LNG.
- Serve the demands of a growing population, increase industrial output, and improve people's lives.
- Support the South African government to meet its targets of reducing greenhouse gas emissions.
- Help South Africa's public transport industry to transport millions of South Africans in an environmentally cleaner, safer, responsible, and more affordable way.
- Boost local manufacturing and investment.
- Bring natural gas power to thousands of companies and households.
- Drive economic growth through the transfer of skills and creation of employment.

# **DNG INDUSTRIAL LEADERSHIP**

### BOARD OF DIRECTORS



#### Aldworth Mbalati **Group Chief Executive Officer**

Aldworth Mbalati is Group Chief Executive Officer of DNG Energy, the company he founded in 2013. His interest in the energy industry stems from his belief that affordable energy is the strongest catalyst for sustainable growth, unlocking opportunity, and supporting trade. He also knows that today's decision on energy usage will shape the quality of life for generations to come.

He spent the first four years of his career working in real estate before deciding to co-invest in a coal investment company where he focused on learning everything about the energy industry. From this time on, he has been actively involved in promoting and supporting new energy sources.

In 2009, he founded African International Energy (AIE) plc, an independent power producer providing renewable energy to the African market.

AIE was involved in generating electricity using natural gas, fuel cell technologies, underground coal gasification, coal to power, and renewable resources such as wind, solar and hydro-electric power.

He exited his investment in AIE upon its delisting on the Frankfurt Stock Exchange to set up DNG Energy with the goal of helping to advance South Africa's economic growth and meet its environmental protection obligations by providing a cleaner and cheaper fuel alternative.

"Gas must play an important role if South Africa is to meet its economic, political and social objectives of reducing poverty."

## **BOARD OF DIRECTORS**

#### Abie Da Silva **CEO: DNG Industrial**

Abie da Silva is the co-founding member and previous Chief Executive Officer of PSV.

He obtained a National Technical Certificate 5 from the Johannesburg Technical College and a Business Management Diploma from Damelin College.

Abie took the Company from supplying pumps and valves to mines to being listed on the Alternative Exchange of the JSE Limited in April 2006. Abie has many years of industry experience in delivering the aforementioned strategy and is going to lend his wealth of knowledge to DNG Energy as he leads its industrial business unit.



## **EXECUTIVE TEAM**

### John Winterton **Executive Head - DNG Cryogenics**



John Winterton is Executive Head at DNG Cryogenics. a subsidiary of DNG Industrial, which is part of DNG Energy's group of companies. With over 40 years of experience in the cryogenic and industrial gas field under his belt, John has used his in-depth knowledge to successfully implement hi-tech projects within budget and on time.

His vast understanding of gas-related engineering systems has seen him intimately involved and sharing his knowledge in projects from concept and design in industrial gas and cryogenic applications. John's innovative spirit has earned him several "firsts" in the cryogenic industry in South Africa and abroad. He holds directorships in two industry associations the South African Compressed Gas Association (SACGA) and the Southern African Qualification and Certification Council (SAQCC).

John has held management positions at African Cryogenics and is the founder of Cryoshield, a business he sold in 2010. One of the greatest achievements of Cryoshield was the successful design (from concept) and manufacture of the cryogenic satellite testing system for the South African space environment simulator in the 1990s, a system that is still operational today.





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