

# THE NGC GROUP CORPORATE PROFILE



THE NATIONAL GAS COMPANY  
OF TRINIDAD AND TOBAGO LIMITED



PHOENIX PARK  
GAS PROCESSORS LIMITED



LA BREA INDUSTRIAL  
DEVELOPMENT COMPANY LIMITED



Trinidad and Tobago NGL Limited



NGC CNG  
Company Limited



National Energy  
CORPORATION OF TRINIDAD AND TOBAGO

THE NGC GROUP OF COMPANIES





# WHO WE ARE

The National Gas Company of Trinidad and Tobago Limited (NGC) and its subsidiaries are an integrated group of energy companies operating in Trinidad and Tobago's energy sector, and with a growing presence in other jurisdictions. A profitable and high-performing state enterprise, parent company, NGC plays a pivotal role in Trinidad and Tobago's gas-based energy sector and is strategically positioned along the entire natural gas value chain. Through its people, investments, strategic partnerships and pioneering gas pricing model, NGC has secured the profitability of the local gas-based energy sector and catalysed the social and economic development of Trinidad and Tobago for four and a half decades.

With a strong history, financials, asset base and human capital, as well as a determination to respond to the imperatives of a greener global energy landscape, NGC and its subsidiaries represent ideal business partners to guide emerging energy territories through their process of development.

Incorporated in August 1975 by the Government of Trinidad and Tobago as a 100% state-owned energy company, NGC has evolved into a highly reputable and profitable organisation with a wide-ranging portfolio of energy and non-energy assets. From the 1990s, the diversification of the energy industry to natural gas-based development led Trinidad and Tobago to the forefront of the world energy industry.

# WHO WE ARE

NGC's business model for optimising natural gas resources for long-term industrial development, prosperity, resilience, and sustainability (The Trinidad Gas Model of Development) has been so successful that it is attracting interest from other emerging gas economies. NGC is now driving global alliances and international cooperation as economies seek support from established energy players to transition to cleaner hydrocarbon fuels and renewables.

NGC is an investment-grade rated entity. Even though its international credit rating is capped and highly correlated with the sovereign rating, the Group has a strong balance sheet, world-class technical expertise and assets, and demonstrable experience in leveraging local talent to create exceptional value for country using national energy resources. This makes NGC and its subsidiaries attractive business partners, even beyond the investment-grade rating.

## CREDIT RATINGS (AS AT MARCH 2022)

**S&P GLOBAL**  
BBB-/negative

**MOODY'S:**  
Ba2/stable

**CARICRIS**  
AA/stable

WITH A GROUP ASSET BASE OF OVER **US\$6 BILLION** (AS AT MARCH 2022) AND LOW DEBT, NGC HAS THE FLEXIBILITY TO SELF-FINANCE AND/OR ACCESS FUNDING ON LOCAL AND INTERNATIONAL FINANCIAL MARKETS.

# WHO WE ARE

## PEOPLE

The NGC Group attributes its accomplishments to its staff of over **900** highly trained and experienced employees. Its people have allowed the company to consistently deliver world-class projects on time, within budget, and with safety, environmental and security records that meet and even surpass international standards.

### KEY PERSONNEL



MARK LOQUAN  
President, NGC



DR. VERNON PALTOO  
President, National  
Energy Corporation of  
Trinidad and Tobago  
Limited (National  
Energy)



DOMINIC RAMPERSAD  
President, Phoenix Park  
Gas Processors Limited  
(PPGPL)



SHELDON SYLVESTER,  
President (Ag.), NGC  
CNG Company Limited



WENDY SEOW  
General Manager, La Brea  
Industrial Development  
Company Limited  
(LABIDCO)



VERLIER QUAN-VIE  
VP, Commercial, NGC



NARINEJIT PARIAG  
VP, Finance, Risk,  
Technology and  
Innovation, NGC



RAMESH HARRYLAL  
VP, Operations, NGC



WINSTON MOHAMMED  
Senior Manager,  
Projects, NGC



MARCIA MAYNARD  
VP, Sustainable  
Energy  
Development (Ag.),  
National Energy



MICHELLE SCIPIO-HOSANG  
VP, Port and Estate  
Management (Ag.),  
National Energy



GREGORY SEALY  
VP, Corporate  
Services and Business  
Development (Ag.),  
National Energy



ALVIN DOOKIE  
VP, Business  
Development, PPGPL



MATIK NICHOLLS  
VP, Marketing, PPGPL



COLIN RAMESAR  
VP, Operations, PPGPL



# WHAT WE DO

The NGC Group is a diversified global conglomerate of over 30 companies that support its mission to create exceptional value from natural gas and related energy businesses through its people and strategic partnerships. NGC's core business is the aggregation, purchase, sale, transportation, and distribution of natural gas in Trinidad and Tobago.

Other areas of business include (non-operated) joint venture oil production; marketing and trading of energy commodities; portfolio investments; technical services; engineering; procurement and construction services and activities in the sustainable energy space, including renewable energy and energy efficiency projects and investments.

NGC owns, maintains, and operates most of Trinidad and Tobago's gas pipeline network of approximately 1,000 km, both offshore and onshore. The capacity of the network is 4.4 billion standard cubic feet per day (Bcf/d), supplying power generation, world-scale petrochemical plants, and a wide range of non-petrochemical light manufacturing, industrial and commercial enterprises.

Consistently profitable, the Group is a significant contributor to the national treasury of Trinidad and Tobago through the payment of dividends and taxes to its shareholder.

# WHAT WE DO

## MAIN SUBSIDIARIES:



### **National Energy Corporation of Trinidad and Tobago Limited (National Energy) —**

is a 100% wholly owned subsidiary of NGC responsible for: industrial site, port and marine infrastructure development; associated services to support the energy industry; the development and facilitation of new downstream energy-based industries in Trinidad and Tobago.



### **La Brea Industrial Development Company Limited (LABIDCO)**

— owns, operates and manages the La Brea Industrial Estate, inclusive of the Port of Brighton in La Brea, Trinidad and Tobago. NGC holds 91.55% of shares in LABIDCO and Trinidad Petroleum Holdings Limited (TPHL) holds the remaining 8.45%.



**NGC CNG**  
Company Limited

### **NGC CNG Company Limited (NGC CNG) —**

is a 100% owned subsidiary responsible for the marketing and the sale of compressed natural gas and the exploration of renewable transportation technologies.



**Phoenix Park Gas Processors Limited (PPGPL)** — is an indirect subsidiary of NGC, owned by NGC NGL Company Limited (51%) (a majority owned subsidiary of NGC), Trinidad and Tobago NGL Limited (39%) (in which NGC has a minority interest) and Pan West Engineers & Constructors LLC (10%). It is engaged in natural gas processing and the aggregation, fractionation and marketing of natural gas liquids (NGLs), operating as an NGL hub.



Trinidad and Tobago NGL Limited

### **Trinidad and Tobago NGL Limited (TTNGL) —**

is a 25% owned subsidiary, which serves as an investment vehicle to enable the public to participate in equity ownership of PPGPL.

## TTLNG

**Trinidad and Tobago LNG (TTLNG)** — is a 100% owned subsidiary which manages NGC's investment interest in the liquefied natural gas (LNG) business, including marketing of equity cargoes.

## OTHER SUBSIDIARY ACTIVITIES INCLUDE:

- Upstream gas and oil exploration and production
- The production and marketing of commodities such as methanol
- Marketing of technical expertise
- Management of a new and rapidly expanding portfolio of clean energy investments

# WHAT WE DO

## SUMMARY OF SERVICES AND PRODUCTS PROVIDED

NGC's business activities span the entire natural gas value chain. The main products and services provided are:

### 1. Natural Gas Aggregation and Marketing

- i. NGC is the sole purchaser, transporter and seller of natural gas in Trinidad and Tobago's natural gas-based energy sector.
- ii. Through its aggregation business, NGC pools supply from all upstream producers to service downstream demand.

### 2. Natural Gas Transmission and Distribution

- i. NGC engineers, procures, constructs, maintains and operates Trinidad and Tobago's natural gas transmission and distribution pipeline network and connections to commercial and industrial

customers. The network, which has a capacity of 4.4 Bcf/d comprises 1,000 km of onshore and marine pipelines. NGC also provides gas to a diverse group of companies in the light industrial and commercial sector.

### 3. Supply for Power Generation

- i. NGC's key customer is Trinidad and Tobago's electric utility, the Trinidad and Tobago Electricity Commission (T&TEC). NGC provides a reliable natural gas supply to several independent power producers in Trinidad and Tobago.



# WHAT WE DO

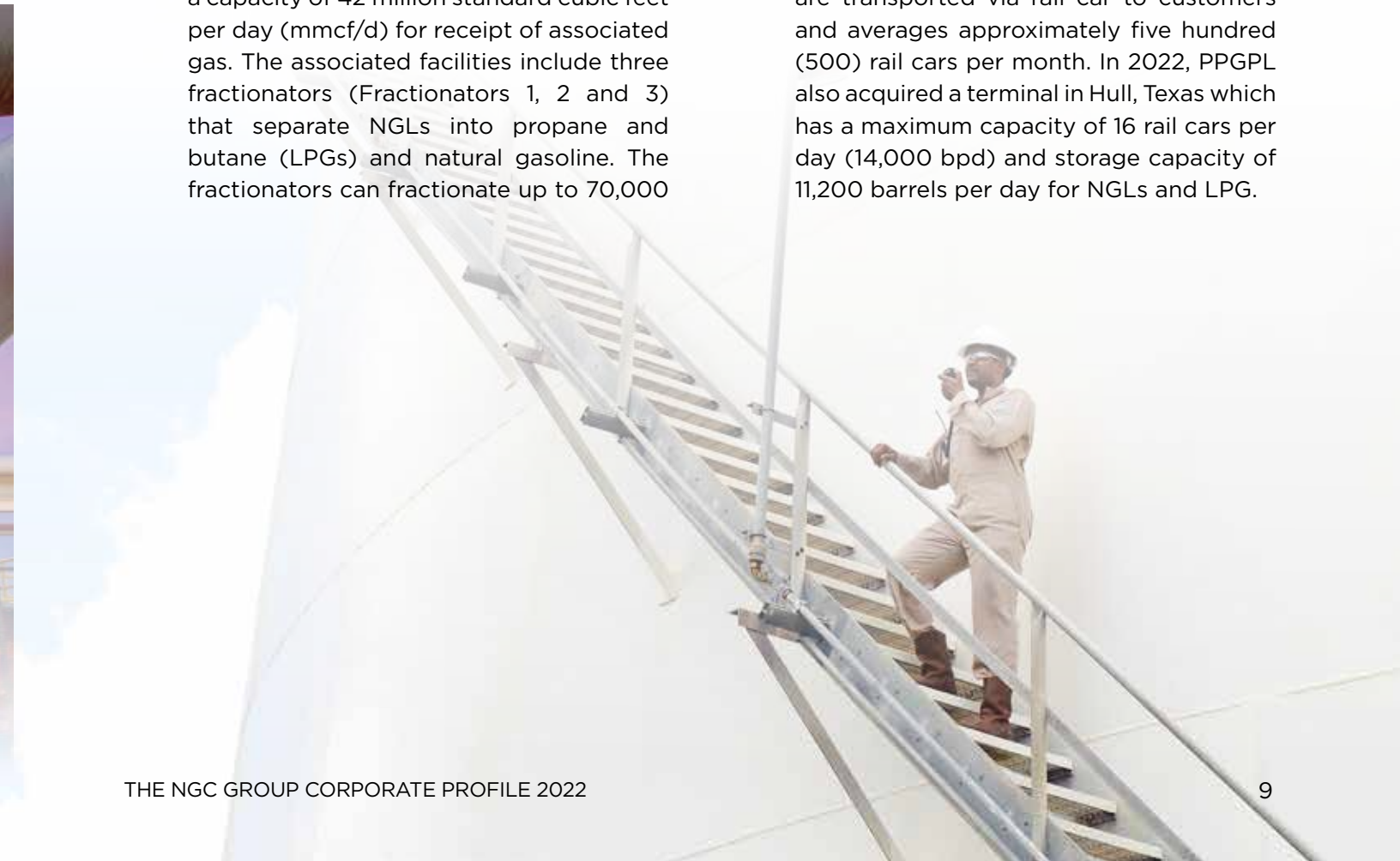
## SUMMARY OF SERVICES AND PRODUCTS PROVIDED

### 4. NGL/LPG Production

- a. Phoenix Park Gas Processors Limited (PPGPL) is engaged in natural gas processing and the aggregation, fractionation, and marketing of natural gas liquids (NGLs). It operates as Trinidad and Tobago's NGL hub on the Point Lisas Industrial Estate, where it operates a state-of-the-art cryogenic gas processing facility.
- b. PPGPL owns and operates three (3) natural gas processing facilities capable of processing up to 1.95 billion standard cubic feet per day (Bcf/d) of natural gas, together with associated facilities. The natural gas processing facility also includes a booster compressor station with a capacity of 42 million standard cubic feet per day (mmcf/d) for receipt of associated gas. The associated facilities include three fractionators (Fractionators 1, 2 and 3) that separate NGLs into propane and butane (LPGs) and natural gasoline. The fractionators can fractionate up to 70,000

barrels per day (bpd) of NGLs produced from the three (3) natural gas processing facilities as well as additional NGLs purchased from the Atlantic LNG facility at Point Fortin. Fractionator 3 also includes a butane splitter with the capacity of 7,000 barrels per day (bpd) for splitting mixed butane into normal butane and isobutane.

- c. PPGPL also owns an NGL marketing business in Houston, acquired in February 2020 from Twin Eagle Liquids Marketing LLC. Operating under the Phoenix Park brand, Phoenix Park Energy Marketing LLC (PPEM) is currently engaged in the business of marketing, trading and transportation of natural gas liquids in Canada, USA and Mexico. These NGLs are transported via rail car to customers and averages approximately five hundred (500) rail cars per month. In 2022, PPGPL also acquired a terminal in Hull, Texas which has a maximum capacity of 16 rail cars per day (14,000 bpd) and storage capacity of 11,200 barrels per day for NGLs and LPG.





# WHAT WE DO

## SUMMARY OF SERVICES AND PRODUCTS PROVIDED

### 5. Natural Gas-Based Development

- a. National Energy engages in the conceptualisation, promotion, development, and facilitation of new energy-based and downstream industries in Trinidad and Tobago. It is also responsible for the identification, development and management of new industrial estates and deep-water ports, with associated towage and harbour operations, and the ownership and operation of marine and other infrastructure assets to facilitate gas-based petrochemical and heavy industry plants.
- b. National Energy is involved in developing, managing, and operating industrial and marine infrastructure. The company has also been involved in the construction and operation of petrochemical plants, and marine infrastructure that continues to service the Point Lisas Industrial Estate. The company continues to execute the development of energy projects and infrastructure and is willing to leverage its expertise to drive the development of energy infrastructure in other energy jurisdictions.

# WHAT WE DO

## SUMMARY OF SERVICES AND PRODUCTS PROVIDED

### 6. Port and Estate Management

- a. La Brea Industrial Development Company Limited (LABIDCO) promotes, develops, operates and manages the La Brea Industrial Estate and maritime infrastructure facilities at the Port of Brighton, both located in La Brea, Trinidad and Tobago. LABIDCO offers developed industrial sites for lease, bioremediation services for the treatment of oily waste, port facilities for import/export of goods and materials, logistics, open and covered storage, and a dock/yard for the fabrication of offshore platforms. LABIDCO's location and deep-water harbour are ideally suited to provide port, logistics and dock services for northeast South America, including the energy sectors of Guyana, Suriname and French Guiana.

### 7. Investments and Shareholdings – E&P and LNG

- a. Through its investments, subsidiaries and associated companies, NGC is also involved in other activities in the energy sector – from the production and marketing of Liquefied Natural Gas (LNG) to upstream gas and oil exploration and production. These investments and shareholdings have enabled NGC to develop its LNG marketing and trading business. The company is now well-positioned to provide an end-to-end solution to Guyana for the supply, regasification, and distribution to end customers.



# WHAT WE DO



## INVESTMENT IN LOW CARBON ALTERNATIVE VEHICULAR FUELS

NGC CNG Company is a special purpose state company and a subsidiary of the NGC Group of companies. NGC CNG was incorporated in 2013 with a cabinet mandate to expand the supply and use of Compressed Natural Gas (CNG) as a vehicular fuel.

NGC CNG inherited a disorganised CNG market in 2013 and from 2014 onwards has sought to build an industry centered around providing the following:

- reliable supply of CNG at existing and to new industry service stations
- expansion of CNG supply nationally
- provision of approved grants and incentives to transition to CNG for specific target groups
- public education on the benefits of natural gas as a vehicular fuel
- pursuit of alternative transportation methods for natural gas to areas without pipelines
- provision of training to trainers for conversions
- leading the revision of national CNG safety standards
- exploration of innovative financing mechanisms to allow for CNG payments at stations.



# WHAT WE DO

THE GROUP HAS BEEN RECOGNISED FOR EXCELLENCE BY ITS PEERS LOCALLY AND REGIONALLY FOR ACHIEVEMENTS IN INNOVATION, BUSINESS CONTINUITY, HSE AND OTHER AREAS:



## SAFETY AWARDS

- AMCHAM T&T Award for Excellence in HSE Management in the energy and manufacturing category - PPGPL awarded in 2010 and 2012
- GPA Accident Prevention Division II-International Classification - Multiple 1st place awards for PPGPL between 1999 and 2018



## INNOVATION AWARDS

- Inter-American Development Bank's President's Award for Service Excellence and Innovation in the Public Sector 2020. (People's Choice Award, Innovation)
- National Energy ttEngage Investor Platform, an initiative launched with the intention of making it easier for investors and other relevant agencies to navigate Trinidad and Tobago's business landscape.



## AMCHAM T&T 2020 AWARDS

- AMCHAM T&T Awards, 2021
  - Business Continuity and Surviving the Pandemic (BCP) Award in the small category (National Energy)
- AMCHAM T&T Awards, 2020
  - Business Continuity Award and Surviving the Pandemic (NGC Group)
  - Business Continuity Award and Surviving the Pandemic, Small/Medium category (National Energy, Towage Operations Continuity Plan)
  - Most Outstanding OSH/ Environmental Project, Small/Medium (National Energy, ttEngage investor platform)



## ENERGY CHAMBER

- Trinidad and Tobago Energy Chamber, CSR Initiatives and Leadership Programme, 2009
- NGC's Reforestation Programme

# WHAT WE DO

## THE NGC GROUP SUSTAINABILITY STRATEGY



Sustainability informs all decisions, strategies and investments at The NGC Group. It is also the overarching goal of the Group's Corporate Social Responsibility (CSR) portfolio, through which it creates value for country beyond its business. CSR at NGC and its subsidiaries is driven not just by goodwill and a sense of civic duty, but an understanding that socioeconomic and environmental health impacts markets, workforce capacity, security and the national investment climate over the long term.

For almost three decades, The NGC Group has been investing in groups, causes and communities across Trinidad and Tobago, with a focus on arts and culture, education, sport, youth empowerment, community development and environmental preservation. The emphasis on building capacity in alternative and creative industries, removing barriers to healthy integration into society, creating opportunities for future livelihoods, preserving elements of national culture and identity and restoring ecological balance ultimately works to build a more sustainable future for Trinidad and Tobago, and a more stable context for business operation.

### AMONG THE MANY SUCCESSES AND AREAS OF INVESTMENT OF THE GROUP'S DIVERSE CSR PORTFOLIO ARE:

- Ongoing support for preservation of and capacity development in **arts and culture**;
- Support of **education initiatives** at Primary, Secondary and Tertiary levels, as well as energy education programmes targeting the national community;
- Support of skills development in **track and field** through programmes targeting Primary-level pupils through young professional athletes;
- Facilitation of **vocational and life skills training for young people** in underserved communities;
- Investments in support of **health, safety and socially disadvantaged groups**; and
- Investments, partnerships and projects aimed at **building sustainable communities**.

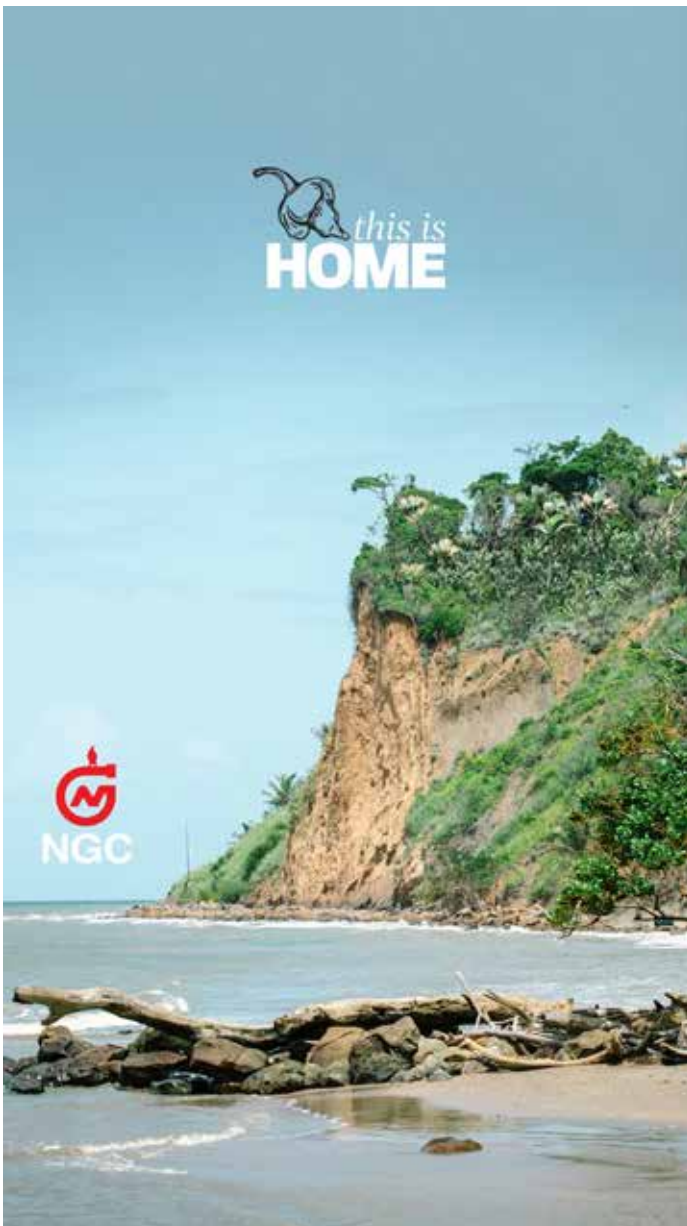
Given the centrality of good corporate citizenship to business success in today's market environment, The Group's value proposition to potential business partners includes its expertise in the conceptualisation and administration of CSR projects.

# WHAT WE DO



The NGC Group embraces its role as a change agent in the Caribbean energy space with boldness and passion, and intends to lead systemic change to support global sustainability and initiatives fulfilling the green energy agenda. The Group has leveraged its position at the forefront of Trinidad and Tobago's energy sector to influence change in the country's energy mix as it manages the energy transition.

NGC and its subsidiaries are focused on: the mitigation of methane and carbon dioxide emissions through carbon capture and sequestration; investment in renewable energy projects; promotion of CNG as an alternative motor fuel; energy education; energy efficiency; advocacy; research; and sustainable development.



# WHAT WE DO

AMONG THE GROUP'S INVESTMENTS, PROJECTS  
AND ACHIEVEMENTS TO DATE ARE:

Membership on the Oil and Gas Methane Partnership (OGMP) and IGU Group of Methane Experts.

Leveraging of infrared and satellite technology to monitor and manage methane emissions.



Partnership with local and regional companies for green hydrogen projects

Installation of a solar array to power the country's first solar-powered fuel station.



Partnership with the University of Trinidad and Tobago on a Climate Change Mitigation Project and other research undertakings

Launch of the consumer-oriented Energy SmartTT app to raise awareness around energy efficiency.



Launch of the CariGreen website to facilitate academic, investor and citizen research into clean energy in the Caribbean.



Launch of a SuperESCO pilot project to promote energy efficiency among small industrial consumers.

Membership on national clean energy working committees.

Advocacy through multiple regional and international conferences and platforms.

Partnership with national agencies to explore the commercialisation and use of landfill gas.

Partnership with Pennacool on an online energy education platform for children





THE GROUP CONTINUES TO SCAN THE  
**DOMESTIC, REGIONAL AND INTERNATIONAL**  
ENVIRONMENT FOR OPPORTUNITIES TO  
ACCELERATE THE PUSH FOR CARBON  
NEUTRALITY, BOTH IN ITS BUSINESS AND  
FOR THE ENTIRE TRINIDAD AND TOBAGO  
ENERGY VALUE CHAIN.

# NOTES

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THE NGC GROUP OF COMPANIES

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