

# Working towards a sustainable T&T



The reduced gas volume scenario, along with the COVID-19 global pandemic, has presented unprecedented challenges to energy-producing companies and countries all over the world. Trinidad and Tobago, being heavily dependent on its petrochemical sector, is no doubt contending with the negative effects of depressed commodity prices.

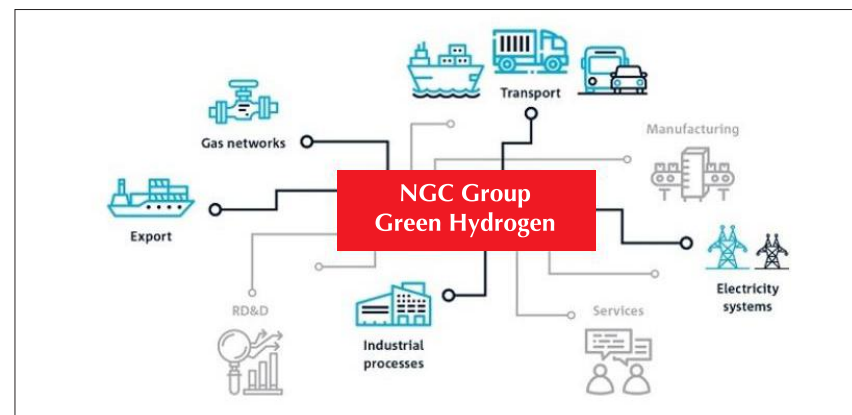
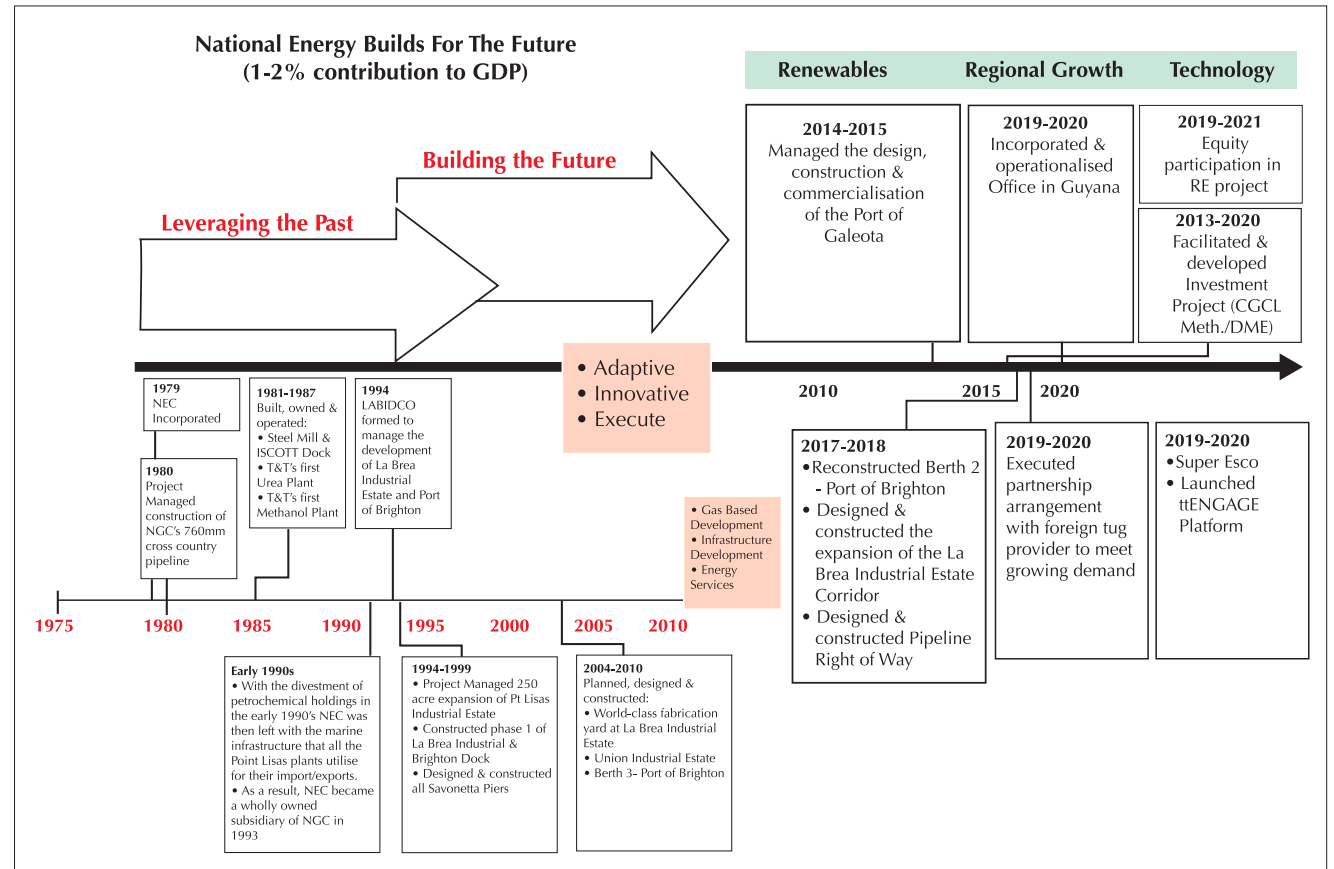
Now more than ever, the sustainability of this country's energy sector is significantly dependent on its ability to transition to energy-based and downstream industries whose products meet global demands yet contribute to environmental sustainability. National Energy Corporation of Trinidad and Tobago Limited (National Energy), a wholly owned subsidiary of The National Gas Company of Trinidad and Tobago Limited (NGC), is using its 40+ years' proven experience to lead this charge.

With an expanded mandate in 2004 to include the conceptualisation, promotion, development and facilitation of new energy-based and downstream industries, National Energy has played a crucial role in focusing its business from that of gas-based projects and industrial infrastructure to sustainability and clean energy, both of which are central to the future development and diversification of the local energy sector. With an asset base of \$1.25 billion, comprising port and marine infrastructure and industrial estates, National Energy will leverage its experience and expertise to establish a successful energy sector in Trinidad and Tobago to take its business into a new era.

## Renewable Energy (RE) and Energy Efficiency (EE) Initiatives

On behalf of the NGC Group, National Energy is collaborating with an international consortium to produce a 130 MW Utility Scale Renewable Energy Project in Trinidad and Tobago. The company is also evaluating opportunities for state participation in this project, which aligns with the deliberate strategy implemented by the Government of the Republic of Trinidad and Tobago (GORTT) for the benefit of the country.

In 2021, National Energy will execute a pilot project geared towards the implementation of energy efficiency initiatives across the commercial and industrial sectors. This



project will be one of the successfully evaluated options recommended by the Super ESCO Strategic Business Model Assessment that was completed in 2019, in conjunction with the Inter-American Development Bank (IDB).

As part of its RE and EE portfolio, the company played a significant role in the 2019 Cabinet-formed committee for the development of the Energy Conservation and Energy Efficiency Policy and Action Plan for Trinidad and Tobago 2020-2024. National Energy played a key role in the development of a framework to be used for the implementation of all RE and EE initiatives and projects which will impact the country's ability to achieve its commitments as a signatory to the Paris Agreement.

## Emerging Energy Solutions

The decarbonisation of the energy sector is

not only critical to the production of clean energy but it is a significant element of economic sustainability. As such, National Energy is currently pursuing projects to develop green hydrogen production as a future fuel for the country. Hydrogen can be used as an input into Trinidad and Tobago's world-renowned petrochemical, transportation and power sectors, as well as for export. The NGC Group stands poised to capitalise on existing infrastructure to become a key player in the harvesting and supply of green hydrogen.

Harnessing its business development acumen, in January 2020, National Energy launched the *ttEngage Investment*

*Facilitation Platform* which now streamlines and enhances the investor engagement process. The platform currently has several potential investors registered with interest in the development of energy-based projects in Trinidad and Tobago and 30 persons currently utilising specific services on the platform. The conceptualising of this platform and its subsequent launch strengthened National Energy's investment facilitation and promotion capabilities, which in turn enabled the use of technology to improve the sector's competitiveness.

## Regional Expansion

Understanding the strategic need to expand its business beyond Trinidad and Tobago, National Energy established National Energy Guyana, an initiative integral to continued growth of its business. With the initial objective to provide marine logistics solutions to emerging markets in South America, partnerships and business opportunities have evolved with other regional state companies to leverage resources and assets. This is a priority for ensuring the continued long-term profitability of National Energy and development of a regional sustainable energy agenda.

National Energy is poised and committed to fulfilling its mandate as Trinidad and Tobago embraces a clean and progressive future energy industry, enabled by use of technology, its resources, its experience and most importantly, its people.

AT THE FOREFRONT OF *Energy*