



THE NATIONAL GAS COMPANY  
OF TRINIDAD AND TOBAGO LIMITED

# BEYOND THE PIPELINE

A Newsletter for Our Pipeline Communities



## Strengthening Relationships

What's  
Inside



CULTURE



COMMUNITY



WINNERS



ENVIRONMENT

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*Beyond the Pipeline* is NGC's Community Newsletter, produced by the Corporate Communications Division of The National Gas Company of Trinidad and Tobago Limited (NGC)

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## Message from the Manager, Corporate Communications

Dear Stakeholders,

As a responsible state entity and a good corporate citizen, NGC takes its contribution to the citizens of Trinidad and Tobago very seriously. Our country faces a multitude of issues today, including the impact of climate change, energy sustainability challenges, crime and other social issues. NGC, through its Corporate Social Responsibility (CSR) programme, is working to address these issues.

With a strategic pillar to strengthen our national contribution outside of our business goals, we strive to be a leader and innovator in the field of CSR locally, and we believe in adding value to Trinidad and Tobago in a way that builds stakeholder and shareholder value. We value you, our stakeholders, and through our forays into athletics, such as through ROT and NAAA, music (pan and tassa), arts and culture (SANFEST), and our philanthropy programmes, NGC is living its belief of being a responsible corporate citizen.

This issue focuses on our capacity training with our tassa and steelbands, our SANFEST winners, our



MS. LISA BURKETT  
MANAGER, CORPORATE COMMUNICATIONS, NGC

foray into film making and into a new environmental project. We also revamped and launched our social media platforms, so you can keep abreast of all happenings here at NGC. In 2019, while we continue to develop our business, we will seek to cultivate stronger ties with our communities.

2018 has been a great year for CSR at NGC and for our partners and communities. 2019, I assure you, will be even better.

Ms. Lisa Burkett  
Manager, Corporate Communications, NGC





Our future Shooting Stars: (clockwise – from top) Couva East Secondary; San Juan North Secondary and Holy Fairh Convent, Penal.



## NGC Shooting Stars Secondary Schools Film Competition

The NGC Shooting Stars Secondary Schools Film Competition was launched at a space synonymous with film – Movie Towne – in November 2018.

The competition was launched in partnership with the Trinidad and Tobago Film Festival, with which NGC has established a relationship over the years. The NGC Shooting Stars Secondary Schools Film Competition seemed to be a natural step for NGC, as it addresses three of the five core

areas of the Company's Corporate Social Responsibility (CSR) portfolio:

- Education
- Empowerment & Youth Development
- Arts & Culture

Through a thorough selection process, four schools were targeted for the launch of the competition:

- San Juan North Secondary School, San Juan
- Couva East Secondary School, Couva

- Signal Hill Secondary School, Tobago
- Holy Faith Convent, Penal

Students taking part in the competition will have the opportunity to attend training sessions, aimed at arming them with the required skills for the completion of the challenge. These include the technical and creative aspects of screenwriting and film-making. Additionally, the students will be mentored by experienced film-makers and other specialists in environmental, social and economic issues.





Professor John Agard (right) measures tree circumference while team members and NGC's Alister Narinesigh, look on.

## Update on NGC's Reforestation Programme – NGC's Carbon Sequestration Study

NGC has embarked on another aspect of its reforestation programme – measuring carbon sequestration. Here are some facts:

### What is carbon sequestration?

It is the uptake and storage of carbon in trees and plants, in this case, to absorb and store the carbon. It is one of the methods that reduces global warming and climate change.

### Why is carbon sequestration important to T&T?

In February 2018, Trinidad and Tobago endorsed the Paris Agreement within the United Nations Framework Convention on Climate Change (UNFCCC). This represented the country's formal commitment to reduce greenhouse gas emissions by a cumulative 15% from industry, power generation and the transport sector by 2030.

### What is NGC's role in reducing carbon emissions?

As the energy company fuelling industry

and the power sector, NGC shares the responsibility to mitigate emissions from fossil fuel combustion.

### NGC's Carbon Sequestration Project

In July 2018, NGC and a team from The University of the West Indies (The UWI) St. Augustine carried out a Carbon Sequestration Study that:

1. Determined how many tons of carbon have been sequestered by the NGC reforestation sites from 2005 – 2018;
2. Determined how many tons of carbon are projected to be sequestered by the reforested sites from 2019 – 2030; and
3. Found the approximate value of the tons of carbon sequestered based on market prices.

Project Manager Dr. Lena Dempewolf explained the methodology: "In order to determine how much carbon any given tree stores, we first need to determine how much biomass the tree possesses.

To do this, we measure the tree and its diameter at a standard height (diameter at breast height – 1.37m). This represents most of the biomass stored in the tree."

"The biomass in the roots and branches are estimated based on the species of the tree, as they can vary greatly across tree type. Since different species store different amounts of carbon in their tissues, core samples are also taken and the carbon-to-biomass ratios are determined. From this, we then calculate how much carbon is stored per tree measured."

NGC is the only company in Trinidad and Tobago invested in a reforestation exercise on this scale. We hope to find out the potential that reforestation has to trap and store carbon. Through this project, we are hoping to move the nation closer to its emissions reduction target.







**President Mark Loquan, centre, surrounded by the participants of the Programme and team members of MIC-IT.**

## Sustainability Through Steelpan Education

In July 2018, NGC signed a Memorandum of Agreement (MOA) with the MIC Institute of Technology (MIC-IT) to deliver a customised Mechanical Engineering Technology with Steelpan Manufacturing programme to members of NGC's sponsored and part-sponsored steelbands.

The bands include NGC La Brea Nightingales, NGC Couva Joylanders Steel Orchestra, NGC Steel Xplosion, and Gonzales Sheikers. The programme was officially launched in October 2018 at the MIC-IT Head Office in Macoya.

This programme was created to address "the noted shortage of skilled craftsmen to fabricate and manufacture the national instrument."

It is intended to arm graduates with knowledge and practical skills for pan construction, pan tuning and fabrication of the necessary pan tools and accessories. It will adopt MIC-IT's journeyman model of training which focuses on the dual system of education and training.

The course modules include:

- Steelpan construction and tuning
- Science of sound and the history of pan
- Introduction to sound engineering
- Machine shop, welding and fabrication
- Music technology
- Related mathematics, science and computer applications

This programme will be offered in three, six-month cycles, concluding in June 2021.

## Capacity Building for Tassa/Pan Groups

On November 3rd, 2018, the NGC Trinidad and Tobago Sweet Tassa Band and the NGC Couva Joylanders Steel Orchestra participated in a capacity building workshop geared towards contract law, developing contractual agreements, business writing and reporting. The training was delivered by Ms. Sushilla Jadoonanan, Attorney at Law. Ms. Jadoonanan specialises in contract law, sports law, intellectual property law and commercial law.

Both groups requested this workshop to assist them when dealing with third-party contracts. Most agreements are made via

informal communication with no written correspondence. Moving forward, the groups will use formal communication to reduce issues arising from either performances or financial matters.

According to band leaders Lenny Kumar and Richard Gill, the session dealt with contract law and contract agreements and allowed the band members to understand how to formalise contractual agreements. A general template was developed by the groups and formatted by the presenter for ease of reference.

A second session – writing and business

proposal sessions – was geared towards the groups becoming more business-oriented in their operations. The sessions complemented the contract law and contract agreement session with the groups having a better understanding of how to develop formal correspondences with third parties.

Both bandleaders noted that their teams benefitted as they could be used for both their band lives and personal pursuits. These bands are truly on their way to becoming self-sustaining and NGC is pleased to support this process.

## Mr. and Miss NGC Sanfest 2018



**Mr. Winston Bramble, 2018 Sanfest Honouree, presents the trophy to Mr. NGC Sanfest 2018, Joshua Hinds**



**Mr. Winston Bramble, 2018 Sanfest Honouree, presents the trophy to Miss NGC Sanfest 2018, Shanaika Collins**

From the moment the Mr. and Miss NGC Sanfest 2018 delegates were chosen, they were on a packed schedule. Besides having school during the week, they had to attend workshops and training on etiquette, public speaking and others during the weekend. A major highlight for the delegates was a trip to Tobago, where they had a tour of the Nylon Pool and a hike to Little Tobago.

Thirteen youngsters battled for the title

of Mr. and Miss NGC Sanfest 2018 at the finals. The teens worked with this year's theme of the festival, "Be Different, Be You" during the talent portion of the competition, expressing their interpretations through song, dance and word.

Congratulations to Mr. NGC Sanfest 2018, Joshua Hinds of St. Benedict's College and Miss NGC Sanfest 2018, Shanaika Collins of Open Bible High. The two won

bragging rights for 2018 at the finals, which were held on November 4th 2018 at the Creative Arts Center in San Fernando.

For the talent part of the competition Mr. and Miss NGC Sanfest were interviewed and carried out monologues. Also, Joshua sang a song, "I Did it My Way" by Frank Sinatra while Shanaika performed a dance titled, "Rebirth of the Colibri".

## NGC Sanfest Teens Visit NGC

The 2018 finalists of the Mr. and Miss NGC Teen Talent Competition visited NGC's Head Office in October 2018. The visit to NGC was a learning session and this year's agenda included a presentation about NGC's business by Mr. Ronald Adams, Vice President, Operations. Mr. Dominic Kalipersad, retired media executive, gave a motivational speech and shared with the young audience tips for representing NGC's brand and their own personal brands. This was followed by a tour of the Point Lisas Industrial Estate.

The Mr. and Miss NGC Sanfest Teen Talent Competition is an integral element of the festival. This year, it showcased performances in dance, drama and music. Part of their preparation also included learning to be positive role models, respected leaders and engaging public speakers, while picking up tips on grooming and appearance along the way.



**Delegates of the Mr. and Miss NGC Teen Talent Competition 2018 taking photos with Mr. Dominic Kalipersad, retired media executive**



## Winners of NGC Sanfest 2018

NGC congratulates all the winners and participants of the NGC Sanfest 2018 festival. We are proud to be the sponsor of an event that supports and showcases the talent of our youth. A big **'Thank You!'** to students, teachers and the San Fernando Arts Council for making this event a success.

### PRIMARY SCHOOL WINNERS

AWARD	SCHOOL	NAME OF STUDENT
Best Picture Making – Collage	San Fernando Boys' R.C. School	Jayden Williams
Best Picture Making – Painting	Windermere Private Primary School	Owen Goodman
Best Picture Making – Mosaic	La Puerta Government Primary School	Elijah Augustine
Best Drawing	Mt. Pleasant Primary School	Ria Sahadeo
Best 3D Work	Arima Boys' Primary School	Jaiden Awai
Best Fabric Design	St. Finbar's Girls' R.C. School	Tianna La Maitre
Best Handicraft	La Puerta Government Primary School	Elizabeth Augustine
Best Printmaking	Sacred Heart Girls' R.C. School	Jannaya Oberius
Best Artist	St. Augustine South Primary School	Malique Clarke
Best Craftsman	Libertville T.M.L. Primary School	Christine Mohammed
Best Visual Arts Display	Arima Boys' Government School	
Best School – Visual Arts	Arima Boys' Government School	

AWARD	SCHOOL	NAME OF STUDENT
Best One-Act Playwright	El Socorro Central Government Primary School	Sarah Superville
Best Dramatic Scene/Skit	El Socorro Central Government Primary School	Lesanne Hodge
Best Short Story Writer	Point Fortin R.C. School	Zachary George
Best Poetry Writer	Tunapuna Government Primary School	Sarafina Lewis
Best School – Creative Writing	San Fernando T.M.L. Primary School	

AWARD	SCHOOL	NAME OF STUDENT
Best Dramatic Scene/Skit	St. Patrick's Newtown Girls' R.C. School	
Best Public Speaker	San Fernando T.M.L. Primary School	Samira Baksh
Best Verse Speaker	San Fernando Boys' R.C. School	Jibreel Stewart
Best Monologist	San Fernando Boys' R.C. School	Joshua Ramcallian
Best Dramatised Speech	St. Finbar's Girls' R.C. School	Janai La Croix
Best Storyteller	San Fernando T.M.L. Primary School	Vasudha Siddni Maharaj

AWARD	SCHOOL	NAME OF STUDENT
Best Choral Speaking School	St. Gabriel's Girls' R.C. School	
Best Actress	St. Gabriel's Girls' R.C. School	Tishan Siu
Best Actress	St. Patrick's Newtown Girls' R.C. School	Kaylah Bailey
Best Set	St. Gabriel's Girls' R.C. School	
Best Costuming	St. Patrick's Newtown Girls' R.C. School	
Best Stage Management	Sacred Heart Girls' R.C. School	
Best School – Drama	San Fernando Boys' R.C. School	

AWARD	SCHOOL	NAME OF STUDENT
Best Classical Choir	St. Gabriel's Girls' R.C. School	
Best National Choir (tie)	Sacred Heart Girls' R.C. School	
	St. Gabriel's Girls' R.C. School	
Best West Indian Folk Choir	Sacred Heart Girls' R.C. School	
Best Parang Choir	Sacred Heart Girls' R.C. School	
Best Vocal Soloist – Religious	Coffee Boys' Anglican Primary School	Jaheem Padilla
Best Vocal Soloist – Classical	Cedar Grove Preparatory	Taylor Lee
Best Calypsonian	San Fernando Boys' R.C. School	Marcus Mc Donald
Best Instrumental Soloist (not pan)	Athenian Pre-Secondary School	Joaquinn Headley
Best Steelpan Soloist	San Fernando Boys' R.C. School	Jeremy Granado
Best Instrumental Ensemble	Sangre Grande SDA Primary	
Steelband Ensemble 1st place	Trinidad Renaissance Preparatory School	
Steelband Ensemble 2nd place	St. Gabriel's Girls' R.C. School	
Steelband Ensemble 3rd place	Bien Venue Presbyterian School	
Best Afro/Caribbean Drumming	Nelson Street Boys' R.C. School	
Best Parang Vocalist	Sacred Heart Girls' R.C. School	Cayla Allen
Best School – Music	Sacred Heart Girls' R.C. School	

## PRIMARY SCHOOL WINNERS (CONTINUED)

AWARD	SCHOOL	NAME OF STUDENT
Best School – Music	Sacred Heart Girls' R.C. School	
Best Local Folk Traditional (3+)	St. Patrick's Newtown Girls' R.C. School	
Best Local Folk Interp. Solo	Sacred Heart Girls' R.C. School	Shaziah Jaggasar
Best Local Folk Interp. Duet	St. Ursula's Girls' A.C. School	N'Jeni McKie and N'Seya McKie
Best Folk Interp. (3+)	Sacred Heart Girls' R.C. School	
Best Modern Dance Solo	St. Gabriel's Girls' R.C. School	Seanique Alexander
Best Modern Dance Duet	St. Gabriel's Girls' R.C. School	Seanique Alexander and Pui Jin Assui
Best Classical Dance (Solo/Duet)	Trinidad Renaissance Preparatory School	Ishirta Verma
Best Modern Dance (3+)	St. Gabriel's Girls' R.C. School	
Best Social Dance	El Socorro Central Government Primary	

AWARD	SCHOOL	NAME OF STUDENT
Best Limbo	Arima Boys' Government Primary School	
Best Male Dancer	Siparia Boys' R.C. School	Ahmen Forde
Best Female Dancer	St. Gabriel's Girls' R.C. School	Seanique Alexander
Best Dance Costume	St. Patrick's Newtown Girls' R.C. School	
Best School – Dance	St. Gabriel's Girls' R.C. School	
Most Entries	Sacred Heart Girls' R.C. School	
Most Outstanding Performer	San Fernando Boys' R.C. School	Jeremy Granado
Best Overall Primary School	St. Gabriel's Girls' R.C. School	

## SECONDARY SCHOOL WINNER

AWARD	SCHOOL	NAME OF STUDENT
Best Picture Making – Collage	St. Stephen's College	Kasean Edwards
Best Picture Making – Painting	St. Kevin's College	Kevin Alexander
Best Picture Making – Mosaic	Iere High School	Vinesha Boodoo
Best Drawing	Rio Claro West Secondary School	Avenash Babooram
Best 3D Work	Naparima Boys' College	Asa Sooklal
Best Ceramics	St. Stephen's College	Aruna Ragoonath
Best Fabric Design	St. Stephen's College	Aruna Ragoonath
Best Photography	Miracle Ministries Pentecostal High School	Christine Ramkissoon
Best Handicraft	Rio Claro West Secondary School	Terri-Ann Wilson
Best Printmaking	Miracle Ministries Pentecostal High School	Rebekah Gore
Best Printmaking	Trillium International School	Andre Montenegro
Best Artist	St. Francois Girls' College	Marcella Wood
Best Craftsman	Rio Claro West Secondary School	Kimberlee Dillah
Best Visual Arts Display	Rio Claro West Secondary School	
Best School – Visual Arts	Rio Claro West Secondary School	

AWARD	SCHOOL	NAME OF STUDENT
Best One-Act Playwright	St. Francois Girls' College	Adela Scotland
Best Short Story Writer	St. Charles High School	Jade Danielle Joseph
Best Poetry Writer	Holy Faith Convent, Penal	Saidah Joseph
Best School – Creative Writing	Iere High School	
Best Dramatic Scene/Skit	St. Francois Girls' College	

AWARD	SCHOOL	NAME OF STUDENT
Best Public Speaker	Arima North Secondary School	Shipharah Lewis
Best Verse Speaker	Arima North Secondary School	Shipharah Lewis
Best Monologist	Arima North Secondary School	Shipharah Lewis
Best Dramatised Speech	Arima North Secondary School	Shipharah Lewis
Best Storyteller	Princes Town West Secondary School	Anthony Alleyne
Best Spoken Word/Free Speech (tie)	St. Charles High School	Zalena Hosein
	Malabar Secondary School	Shamikah Noel
Best Actor	Fyzabad Secondary School	Jayden Bruce
Best Actress	El Dorado West Secondary	Nanyamka Wellington



**SECONDARY SCHOOL WINNERS (CONTINUED)**

AWARD	SCHOOL	NAME OF STUDENT
Best Set	El Dorado West Secondary	
Best Costuming	Fyzabad Secondary School	
Best Stage Management	St. Francois Girls' College	
Best School – Drama	Arima North Secondary School	
AWARD	SCHOOL	NAME OF STUDENT
Best Classical Choir	Providence Girls' Catholic School	
Best National	St. Francois Girls' College	
Best National	St. George's College	
Best West Indian Folk Choir	Holy Name Convent, Point Fortin	
Best Parang Choir	Iere High School	
Best Vocal Soloist – Religious	Holy Faith Convent, Couva	Patrice Richardson
Best Vocal Soloist – Classical	Bishop Anstey East High School	Yohance-Asia Swanson
Best Calypsonian	Mt. Hope Secondary School	Aaliyah Hinds
Best Instrumental Soloist (not pan)	Rio Claro East Secondary School	Austin Archibald
Best Steelpan Soloist	Rio Claro West Secondary School	Jay Sotio
Best Instrumental Ensemble	St. George's College	
Steelband Ensemble	Providence Girls' Catholic School (1st)	
	Carapichaima West Secondary School (2nd)	
	Penal Secondary School (3rd)	
Best Afro/Caribbean Drumming	San Juan South Secondary School	
Best Tassa Drumming	Rio Claro West Secondary School	
Best School – Music	Holy Faith Convent, Couva	

AWARD	SCHOOL	NAME OF STUDENT
Best Local Folk Traditional (3+)	San Juan South Secondary School	
Best Local Folk Interp. Solo	Rio Claro West Secondary School	Ray Clarke
Best Local Folk Interp. Duet	Providence Girls' Catholic School	Okia Brathwaite and Kadissa Davis
Best Folk Interp. (3+)	San Juan South Secondary School	
Best Modern Dance Solo	San Fernando Central Secondary School	Shivonne Nelson
Best Modern Dance Duet	Holy Faith Convent, Couva	Alyssa Baird
Best Modern Dance Duet	Holy Faith Convent, Couva	Sion Cielto
Best Modern Dance (3+)	Barataria South Secondary School	
Best Classical Dance (Solo/ Duet)	Rio Claro West Secondary School	Nandini Rampersad
Best Social Dance	San Juan South Secondary School	
Best Limbo	Morvant Laventille Secondary	
Best Male Dancer	Morvant Laventille Secondary	Anderson Lewis
Best Female Dancer	San Juan South Secondary School	Shiliyah Fough
Best Dance Costume	Providence Girls' Catholic School	
Best School – Dance	San Juan South Secondary School	

AWARD	SCHOOL	NAME OF STUDENT
Most Outstanding Performer	Holy Faith Convent, Couva	Patrice Richardson
Most Entries	Rio Claro West Secondary School	
Best Overall Secondary School	St. Francois Girls' College	





THE NATIONAL GAS COMPANY  
OF TRINIDAD AND TOBAGO LIMITED

# Energy Brain Buster

## TRUE OR FALSE

1. Mr NGC Sanfest 2018 attends St. Benedict's College and Miss NGC Sanfest 2018 attends Open Bible High.
2. NGC's reforestation programme began in 2015.
3. NGC Sanfest 2018 Best Overall Primary School is St. Gabriel's Girls' R.C. School.
4. MIC Institute of Technology (MIC-IT) customised a Mechanical Engineering Technology with Steelpan Manufacturing programme for members of the public.
5. NGC is the only company in Trinidad and Tobago invested in the Carbon Sequestration Study.
6. Carbon sequestration is the uptake and storage of oxygen.
7. Mr and Miss NGC Sanfest competition is open to male and female students between the ages of 13 and 19 years who are registered students of secondary schools within Trinidad and Tobago.
8. NGC Trinidad and Tobago Sweet Tassa Band and the NGC Couva Joylanders Steel Orchestra participated in a capacity building workshop geared towards performance.
9. Students participating in the NGC Shooting Stars Secondary Schools Film Competition will attend training sessions and technical and creative aspects of pottery and basket weaving.
10. Trinidad and Tobago endorsed the Paris Agreement within the United Nations Framework Convention on Climate Change (UNFCCC) in February 2018.

Answers: 1. True 2. False 3. True 4. False 5. True 6. False 7. True 8. False 9. False 10. True

## PHOTO OF THE MONTH

### The Rhythm and Movement of Sanfest

