

# THE PORT OF POINT LISAS Prospectus for the Energy Sector



*Globally Connected, Locally Invested*

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# Section 1: Introduction

## The Industrial Estate...

- hosts the largest methanol plant in the world and boasts of the largest installed capacity for methanol production. It is also a large exporter of ammonia.
- is a significant contributor to the Gross Domestic Product (GDP) of Trinidad and Tobago with a conservative estimate of over 20%.

The Point Lisas Industrial Port Development Corporation Limited (PLIPDECO) is a Public Company that is 51% owned by the Government of the Republic of Trinidad and Tobago and 49% owned by private shareholders. PLIPDECO engages in three (3) lines of business:

- Industrial Estate Management
- Port Operations
- Warehousing and Logistics Services

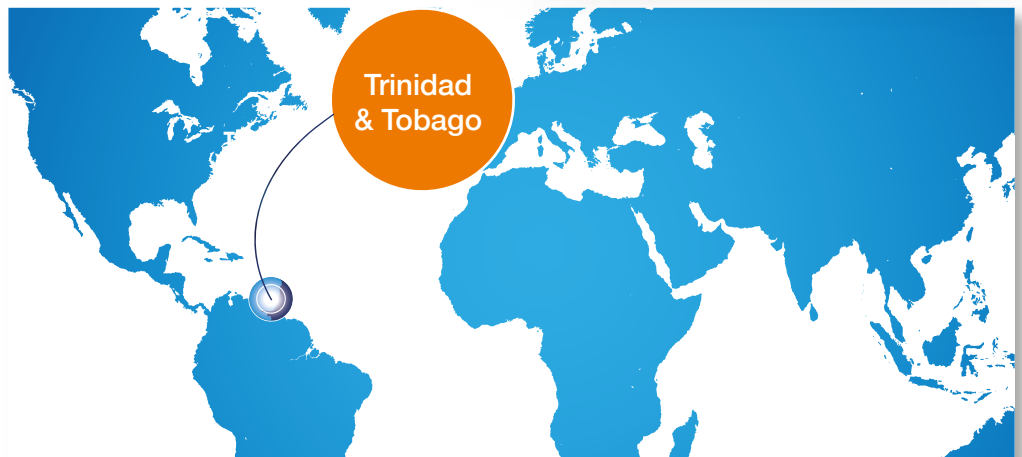
PLIPDECO was born out of a vision by the South Trinidad Chamber of Industry and Commerce (now the Energy Chamber).

In the 1950s, two (2) key projects were identified for Point Lisas; one being the construction of a deep water harbour and the other, the

establishment of an energy based industrial estate. By 1976, the GORTT commenced investment in infrastructure for the Industrial Estate and associated port facility. This investment played a pivotal role in the industrialisation and the monetization of Trinidad and Tobago's large natural gas reserves.

Today, the Industrial Estate remain as a significant contributor the Gross Domestic Product (GDP) of Trinidad and Tobago and its economic sustainability.

The Port of Point Lisas has over 52% market share for domestic containerised cargo (imports and exports),  
-170K Teus per annum  
-300K Tonnes General Cargo per annum





**BEFORE**  
Land Development in 1980s



**BEFORE**  
Port of Point Lisas- Berth 5 Development

Today, the 180-hectare Point Lisas Industrial Estate is an integrated petrochemical complex housing over 103 national and international companies operating in oil and

gas, petrochemical, chemicals, power generation, iron and steel and allied sectors. Together with this, there is a cluster of ancillary and support services companies.

**AFTER**  
Industrial Estate Today



**AFTER**  
Port of Point Lisas  
Berth 5 Today



## Overview of Companies on the Industrial Estate

With over 100 tenants, some of which include billion dollar industrial facilities, the Industrial Estate is the hub of the land based mid-stream and downstream energy sector.

The large scale facilities manufacture products such as methanol, ammonia and urea and DRI (direct reduced iron). In fact, the combined production of methanol and ammonia makes Trinidad and Tobago one of the largest global producers of these two commodities.

Support services that include gas processing, gas supply, contracting, machine shop, warehousing and transportation provide for added operational sustainability.

### Midstream Energy

- National Gas Company of Trinidad and Tobago Limited
- National Energy Corporation Limited
- Phoenix Gas Processors Limited
- DeNovo Energy Limited

### Downstream Energy

- Methanol Holdings Trinidad Limited
- Methanex Trinidad Limited
- Nutrien
- Yara Trinidad Limited
- Caribbean Nitrogen Company Limited
- Nitrogen (2000) Unlimited
- Point Lisas Nitrogen Limited

### Industrial Gases

- Massy Gas Products (Trinidad) Limited
- Air Liquide Trinidad and Tobago Limited
- Aerogas Processors Limited

### Power Generation

- Power Generation Company of Trinidad and Tobago Limited

### Engineering Services

- Amcoweld Engineering Services
- Aronco Services Limited
- Doc's Engineering Group of Companies
- Process Components Limited
- Process Management Limited
- Qualitech Machining Services Limited
- PROMAN AG (Trinidad) Limited
- United Engineering Services Limited

### Health, Safety and Environment

- Caribbean Safety Products Limited
- Safety Plus Limited

### Transport/Equipment Rental

- Aronco Services Limited
- Industrial Welding Equipment Sales and Rentals Limited
- Paramount Transport and Trading Company
- Scaffolding Manufacturers Trinidad Limited

The Port of Point Lisas is strategically located between North and South America easily facilitating these trade lanes

## The Port of Point Lisas - “The Port of Choice”

The role of the Port of Point Lisas diversified in the 1970's from facilitating general cargo for construction on the Industrial Estate to that of a multipurpose port handling a wide range of cargo in support of the offshore oil and gas industry, petrochemical industry, as

well the transshipment of containers and other cargo destined for other destinations in the region. Today, the Port has re-positioned itself as a logistics services provider offering value-added services to our customers.

Facilitates transshipment business and serves as a hub for the North America, Latin America, Caribbean and South America.



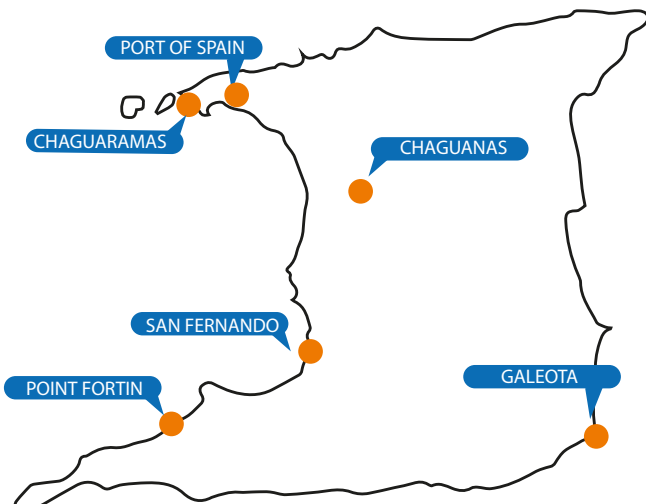
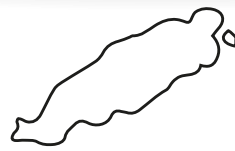
## Facilitating the Energy Sector

Strategically Located



### International Distance to the Port of Point Lisas

LOCATION	NAUTICAL MILES
Houston, USA	2241
Miami, USA	1472
Panama	1170
Jamaica	1018
Barbados	218
Guyana	400
Suriname	554
French Guiana	726
Brazil	1207



### Intermodal Links- Road

Distance to the Port of Point Lisas

LOCATION	KM/MILES
Chaguaramas	60.0 km/ 37.36 miles
Port-of-Spain	43.8 km/ 27.21 miles
San-Fernando	19.2 km/ 11.9 miles
Point Fortin	72.0 km/ 44.7 miles
Galeota	102.5 km/63.7 miles

## Port Characteristics

### Channel

The Channel is 1  $\frac{3}{4}$  nautical miles long and 152 meters wide. The Turning Basins are 500 meters and 300 meters in diameter respectively. Both have been dredged to 12.8 meters.

### Equipment

The effective operations and maintenance of equipment is guided by an asset management programme to ensure the maintenance of equipment during its lifecycle together with an optimal replacement programme.

### Berth

PLIPDECO has six (6) commercial berths with the following specifications:

Berths (Metres)	Length of Vessel (Metres)	Depth Alongside
1	25	4.5
1A	100	6.0
2	110	5.0
3	135	8.0
4	170	11.5
5	200	11.5

All equipment is inspected and certified by the Original Equipment Manufacturer. The organisation also has a robust inspection and maintenance programme for the management of lifting gears.

Our in-house Engineering and Maintenance Department maintains equipment according to a dedicated preventative maintenance programme based on guidelines established by the Original Equipment Manufacturers.

TYPE	UNITS	CAPACITY
Ship to Shore Gantry Cranes (LIEBHERR), rail-mounted, Post Panamax sized cranes	2	Safe Working Load (S.W.L.) under telescopic spreader: 40 tonnes (Single Lift), 50 tonnes (Twin Lift)
Rubber Tyred Gantry Cranes (KONECRANE)	6	5 high; 7 wide; safe working load 50 tonnes
Mobile Harbour Crane (GOTTWALD)	2	MHC280 maximum capacity - 100 tonnes, MHC6507 maximum capacity - 125 tonnes. These cranes are versatile for handling bulk, break-bulk and containerized cargo
Reach Stackers	6	Four and five high
Forklifts	13	3 to 30 tonnes
Empty Container Handler	2	Four high
Tractor Trucks	20	
Trailers	31	
Standby Generator	1	Power Supply





## Comparison with other facilities

Other Advantages	Port of Point Lisas			Chag Terms			LABIDCO			Galeota		
	Berth	Length	Depth	Berth	Length	Depth	Berth	Length	Depth	Berth	Length	Depth
Depth Advantage	Berth1 Berth 1A Berth 2 Berth 3 Berth 4 Berth 5	30m 35m 165m 105m 110m 200m	4.5m 6m 5m 8m 11.5m 11.5m	Main South	270m 120m	10.5m 7.5m	Berth 1 Berth 2 Berth 3	60m 354m 300m	8m 12.8m 9m	Berth 1 Berth 2 Berth 3 Berth 4	104m 148m 104m 104m	5m 5m 5m 3.5m
24/7 Vessel Operations		✓			–			Only on Request			✓	
Trained Staff		✓		Only available through contractor			Only available through contractor		Only available through contractor		Only available through contractor	
Equipment Availability		✓		Available forklifts. Other equipment to be rented on a cost plus basis			Available forklifts. Other equipment to be rented on a cost plus basis		Available forklifts. Other equipment to be rented on a cost plus basis		Available shore side crane. Other equipment to be rented on a cost plus basis	
All-inclusive RS&D rates		✓		Only for certain cargo operations			Only for certain cargo operations		Only for certain cargo operations		Only for certain cargo operations	
Waterfront		Calm all year		Calm most of the year			Turbulence during part of year		Turbulence all year			
Laydown yard		~8,339 m <sup>2</sup>		~18,580 m <sup>2</sup>			~9,000 m <sup>2</sup>		~1.3 hectares			
Congestion		None		Yes			None		None			
Accessible transportation routes		✓		Traffic			–		–			

**BERTH 5**  
 Length of Berth: 200m  
 Maximum length of vessel accommodated: 200m  
 Draft: 11.5m

**BERTH 4**  
 Length of Berth: 110m  
 Maximum length of vessel accommodated: 170m  
 Draft: 11.5m

**BERTH 3**  
 Length of Berth: 105m  
 Maximum length of vessel accommodated: 135m  
 Draft: 8m

**BERTH 2**  
 Length of Berth: 165m  
 Maximum length of vessel accommodated: 110m  
 Draft: 5m

**BERTH 1**  
 Length of Berth: 30m  
 Maximum length of vessel accommodated: 25m  
 Draft: 4.5m

**BERTH 1A**  
 Length of Berth: 35m  
 Maximum length of vessel accommodated: 100m  
 Draft: 6m

Containers, General, Break Bulk Cargo, Roll on/Roll off, Load on/Load off

Containers, General, Break Bulk Cargo, Roll on/Roll off, Load on/Load off

Containers, General, Break Bulk Cargo, Roll on/Roll off, Load on/Load off, Work boats operations

General Cargo, Break Bulk Cargo, Roll on/Roll off Barges, Work boats operations

General, Break Bulk Cargo, Roll on/Roll off Barges, Work boats operations

General, Break Bulk Cargo, Roll on/Roll off, Load on/Load Off, Work boats operations



STORAGE TYPE KEY		STORAGE AREA KEY	
<span style="color: red;">■</span>	Total Marshalling Area (110,622 m <sup>2</sup> )	01 - RTG YARD (38,781 m <sup>2</sup> )	02 - CONTAINERISED CARGO (7,296 m <sup>2</sup> )
<span style="color: cyan;">■</span>	Total Covered Cargo Marshalling Area (3,057 m <sup>2</sup> )	03 - REEFER YARD (5,996 m <sup>2</sup> )	04 - COVERED CARGO (1,527 m <sup>2</sup> )
<span style="color: green;">■</span>	Laydown Yard (8,339 m <sup>2</sup> )	05 - GENERAL CARGO (326 m <sup>2</sup> )	06 - CONTAINER STORAGE YARD (RTG, REACH STACKER) (16,627 m <sup>2</sup> )
<span style="color: purple;">■</span>	Proposed Container In-Transit Area (8,065 m <sup>2</sup> )	07 - GENERAL CARGO (9,777 m <sup>2</sup> )	08 - COVERED CARGO (1,530 m <sup>2</sup> )
		09 - GENERAL CARGO (3671 m <sup>2</sup> )	10 - EMPTY CONTAINER STORAGE (8,264 m <sup>2</sup> )
		11 - EMPTY CONTAINER STORAGE (18,726 m <sup>2</sup> )	12 - LAYDOWN YARD (8,339 m <sup>2</sup> )
		13 - PROPOSED CONTAINER IN-TRANSIT AREA (8,065 m <sup>2</sup> )	14 - GENERAL CARGO (1,158 m <sup>2</sup> )

## Section 2: Open for Business

The Port of Point Lisas is unique in its service offerings serving the spectrum of all industries. It is well poised to provide Cargo Handling and Ancillary Port Services to the Energy Sector and its services and logistics providers.

Entrance and harbour channel is equipped with navigational aids and has a turning basin of 300m and 500m

Pilotage and towage services are compulsory for vessels over 50m. Provided by our partners Pilots Association and NE respectively.

All Government Agencies are present 24-hours per day.

Streamlined and expedited examination process with the scanning of containers by Customs and Excise

## Services Provided

### Harbour Management

- Dedicated department to ensure safe berthing logistics in the Point Lisas harbour with supplier of pilotage and towage services conveniently located in our facility
- Services provided 24 hours daily
- Facilitates over 1,200 vessel calls per annum

### Port Operations supporting Upstream and Downstream Activities

- Receipt, storage and delivery of General and Containerised Cargo
- Stevedoring services
- Handling of heavy lifts (up to 100 tonnes), specialised cargo and dangerous cargo
- Discharge, storage and loading of pipes
- Dock facilitates discharge of cargo up to 600 tonnes
- Storage of Cargo - covered and un-covered areas on Port and offsite
- Direct Delivery
- 24 hours vessel operations, seven (7) days a week
- Transshipment hub for cargo distribution

### Ancillary Services

- Provision of berthing facility and Cargo handling Services to facilitate:
  - Offshore supply vessels for supply of spares to various oilfield platforms, crew change, repairs
  - Ship husbandry such as maintenance works, receipt of ship stores, fumigation and contracted reception facilities
- Tank cleaning services and contracted waste disposal
- Bunkering services contracted or facilitated by the Port during vessel operations
- Potable water supply to vessels
- Available labour for civil and clean-up works

### Logistics

- 3,057 square metres of covered storage and 110,622 square metres uncovered storage adjacent to quay
- Dedicated laydown yard, 8,339 square metres on Port for equipment/pipe storage or for conducting engineering works
- Provision of Less than Container Load (LCL) services for import/export and transshipment cargo and container un-stuffing services (off-site)
- 1,300 square metres enclosed warehouse storage space for short or long term storage (off-site)

#### CARGO TYPES HANDLED

##### Containerised

##### General Cargo

##### Bulk

##### Break-Bulk

(lumber, equipment etc.)

##### General Cargo- Specialised

##### Drilling muds/fluids

##### Chemicals

##### Pipes

##### Oilfield equipment

##### Dry Bulk



## Security

- Facility is International Ship and Port Facility (ISPS) certified
- Security officers are trained in accordance with the requirements of the ISPS Code
- Enhanced security of people and cargo which is monitored by video surveillance throughout the Port and Estate
- Provision of escort services (on the estate) and gangway services

## Health, Safety, Security and Environment

- Established and robust framework for managing Health, Safety Environment, Emergency and Security
- The Port is compliant with all pertinent regulations from Trinidad and Tobago's authority as well as National and International HSE Rules and Regulations
- These include: Occupational Health and Safety (OSH) Act 2004, World Bank Guidelines, OSHA (United States of America and United Kingdom), International Maritime Organization (IMO), Department of Transportation (DOT) and International Ship and Port Facility Security (ISPS) Code

## Quality

- The Corporation's Quality Management Systems is ISO: 9001:2015 certified ensuring the continuous improvement in our processes for meeting our customer requirements.

## Statutory Bodies

- Customs and Excise Division
- Immigration Division

## CUSTOMER SERVICE

Provision of unsurpassed quality and efficient customer service. Our staff remains committed to providing services in a responsive, accessible and prompt manner.

## ACCOLADES

Recipient of Caribbean Shipping Association's Awards in the following categories:

Excellence in Port Dependability and Flexibility in both 2016 and 2017.

Growth and Development Award in 2008.



## Logistics Services Partners

### Shipping Lines/Agents

The Port of Point Lisas accommodates the majority of the shipping lines that come to Trinidad and Tobago. Some of these partners that facilitate the Energy Sector are:

SHIPPING LINES	CARGO ORIGIN	LOCAL AGENTS
Zeamarine	Houston, TX, U.S.A.	Huggins Shipping 24 Chadee Lohar Trace Charlerville, Trinidad. W.I. P: (868) 224 4475
Dan-Gulf Shipping Incorporated	Houston, TX, U.S.A.	Gulf Shipping Limited Lloyd Voisin Building 12 Charles Street Port of Spain, Trinidad. W.I. P: (868) 623-4121-3 F: (868) 623-4124 E-Mail: gulfship@gulfshippingltd.com Website: gulfshippingltd.com
Europe Caribbean Lines/Vertraco	Europe - Germany, Antwerp, Spain  Goes to Guyana / Suriname before arriving Point Lisas	Gulf & Maritime Services Ltd. DSM Warehouse Complex #21 Pacific Avenue Ext., Point Lisas Industrial Estate, Couva, Trinidad, W.I. P: (868)-679-3191 F: (868)-636-6403 E-Mail: operations@gmstt.com Website: www.gmstt.com
Soreidom	United Kingdom (Sheerness Port)  Europe – Antwerp, Germany	Abraham Shipping Company Limited Port Authority Administration Building, 1 Dock Road, Port of Spain, Trinidad. W.I. P: (868) 623-6300/ 625-4239 F: (868) 623-6513/ 624-2732. Email: abrahamportservices@gmail.com /asclfei@gmail.com
United Africa Lines	Houston, South America	Alstons Shipping Limited Building 10, Ansa McAL Centre Uriah Butler Highway & Endeavour Road, Chaguanas, Trinidad. W.I. P: (868) 225-4275



## Third Party Logistics Providers (3PLs)

These 3PLs provide an array of bundled services across the supply chain ranging from brokerage, fulfilment, packaging, warehousing, delivery, transport and distribution. Some of our key partners include:

### No. Third Party Logistics Providers

- 1 Cargo Consolidators Agency Limited  
Free Zone Warehouse #3  
Amazon Drive, Point Lisas Industrial Estate  
Couva, Trinidad, W.I.  
P: (868) 636-1056  
F: (868) 636-1029  
Email: [oceanexport@cargotrinidad.com](mailto:oceanexport@cargotrinidad.com) | [admin@cargotrinidad.com](mailto:admin@cargotrinidad.com)  
Website: <https://cargotrinidad.com/>

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- 2 Crowley Logistics Trinidad Limited  
Unit D, DSM Warehouse Complex  
Pacific Avenue, Point Lisas Industrial Estate  
Couva, Trinidad. W.I.  
P: (868) 298-8125  
F: (868) 233-9313  
E-Mail: [Trinidad.Info@Crowley.com](mailto:Trinidad.Info@Crowley.com)  
Website: <http://www.crowley.com>

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- 3 Intercontinental Shipping Limited  
24-26 Stone Street, Port of Spain, Trinidad. W.I.  
P: (868) 623-7023  
F: (868) 627-9641  
E-Mail: [icsl@icsl.co.tt](mailto:icsl@icsl.co.tt)  
Website: [www.icsl.co.tt](http://www.icsl.co.tt)

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- 4 Ramps Logistics Limited  
51 Railway Road, Cunupia, Trinidad. W.I.  
P: (868) 627-5664  
E-Mail: [info@rampslogistics.com](mailto:info@rampslogistics.com)  
Website: [rampslogistics.com](http://rampslogistics.com)



## Harbour Management and Towage Services

The National Energy Corporation of Trinidad and Tobago Limited is the designated authority for the maintenance of the Point Lisas Harbour, ensuring that all navigational aids are fully operational and the dredged depth is maintained

for the safe berthing and unberthing of vessels. Together with this, they own and operate a fleet of vessels providing towage and launch service to users of the port and harbour facilities.

## Pilotage Services

Trinidad and Tobago Pilots' Association provides compulsory Pilotage services for all vessels over 50 metres in the Point Lisas Harbour.

## Construction and Engineering Services

There is an array of companies on the Industrial Estate and within the environs of Point Lisas that provide a wide scope of services in the areas of construction, engineer-

ing and equipment rental services. These services include welding and fabrication, machining, sand blasting services and inspection services.





## Additional Benefits

### Trained, Skilled and Experienced Workforce

- Trained, skilled and experienced Terminal Workers across the spectrum of Port operation.
  - Heavy equipment operators are cross-trained to handle all port equipment ranging from Ship to Shore Gantry Cranes, Mobile Harbour Cranes, Rubber Tyred Gantry Cranes, Tractor Trucks
  - Certified Forklift Operators
  - Stevedores
- Trained and Dedicated personnel assigned to issuing lifting gears for various cargo types
- Through a comprehensive training programme, the Corporation ensures that the entire operational workforce is trained/retrained and certified/re-certified to provide a quality level of service to our customers

### Competitive Rates

- Visit our website at [www.plipdeco.com/energysector](http://www.plipdeco.com/energysector)

### Operating Hours

- The Port of Point Lisas has a 24 hour service
  - For vessel operations, seven (7) days a week. Overtime charges apply to Public Holidays only.
  - Our Gates/Delivery Office operates Monday to Friday from 0700 hours to 2300 hours. Overtime charge applies to any other time, such as 2300/0700 Monday to Friday. Weekends and Public holidays.



## Contact Information

1. Point Lisas Industrial Port Development Corporation Limited  
PLIPDECO House Orinoco Drive  
Point Lisas Industrial Estate  
Couva, Trinidad, West Indies  
P: (868)-636-2201, E-Mail: [info@plipdeco.com](mailto:info@plipdeco.com)  
[www.plipdeco.com](http://www.plipdeco.com)
2. Port Administration Building  
Atlantic Avenue  
Point Lisas Industrial Estate  
Couva, Trinidad, West Indies  
P: (868)-636-2201
3. Marine Department  
P: (868)-636-2201, ext. 2226/7 or direct at (868)-636-7678 or (868) 636-2132;  
E-Mail: [harbourmanagement@plipdeco.com](mailto:harbourmanagement@plipdeco.com)
4. Planning Department  
P: (868)-636-2201, ext. 2258/9; E-Mail: [tos\\_agents@plipdeco.com](mailto:tos_agents@plipdeco.com)
5. Cargo Handling Department  
P: (868)-636-2201 exts. 2255, 2257
6. Port Security P: (868)-679-7233, ext. 2285;  
E-Mail: [ph\\_charge\\_room@plipdeco.com](mailto:ph_charge_room@plipdeco.com)
7. Marketing and Business Development Department  
P: (868)-636-2201, ext. 3511/16; E-Mail: [info@plipdeco.com](mailto:info@plipdeco.com)



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